



ORANGE COUNTY FIRE AUTHORITY AGENDA

Budget and Finance Committee Regular Meeting

Wednesday, May 9, 2018

12:00 Noon

**Orange County Fire Authority
Regional Fire Operations and Training Center**

1 Fire Authority Road

Room AE117

Irvine, California 92602

Joe Muller, Chair

Shelley Hasselbrink, Vice Chair

Ed Sachs Gene Hernandez Al Murray Tri Ta Elizabeth Swift

Jennifer Cervantez - Ex Officio

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 Budget and Finance Committee 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 Budget and Finance Committee, please complete a Speaker Form identifying which item(s) you wish to address. Please return the completed form to the Clerk of the Authority. Speaker Forms are available on the counter noted in the meeting 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. Notification 48 hours prior to the meeting will enable the Authority to make reasonable arrangements to assure accessibility to the meeting.

CALL TO ORDER

PLEDGE OF ALLEGIANCE by Director Hernandez

ROLL CALL

1. PRESENTATIONS

No items.

PUBLIC COMMENTS

Any member of the public may address the Committee on items within the Committee'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 Committee as a whole, and do not engage in dialogue with individual Committee Members, Authority staff, or members of the audience.

2. MINUTES**A. Minutes for the April 11, 2018, Budget and Finance Committee Meeting**

Submitted by: Sherry Wentz, Clerk of the Authority

Recommended Action:

Approve as submitted.

3. CONSENT CALENDAR**A. Monthly Investment Reports**

Presented by: Patricia Jakubiak, Treasurer

Recommended Action:

Review the proposed agenda item and direct staff to place the item on the agenda for the Executive Committee meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Executive Committee receive and file the reports.

B. Third Quarter Financial Newsletter

Submitted by: Lori Zeller, Assistant Chief/Business Services Department

Recommended Action:

Review the proposed agenda item and direct staff to place the item on the agenda for the Executive Committee meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Executive Committee receive and file the reports.

C. Updated Cost Reimbursement Rates

Submitted by: Lori Zeller, Assistant Chief/Business Services Department

Recommended Action:

Review the proposed agenda item and direct staff to place the item on the agenda for the Board of Directors meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Board of Directors approve and adopt the proposed Cost Reimbursement Rate schedules to be effective July 1, 2018.

4. DISCUSSION CALENDAR

A. Proposed Adjustment – Santa Ana Service Charge

Presented by: Lori Zeller, Assistant Chief/Business Services Department

Recommended Action:

Review the proposed agenda item and direct staff to place the item on the agenda for the Board of Directors meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Board of Directors approve and authorize staff to adjust the City of Santa Ana's service charge to exclude the impact of OCFA's Accelerated Pension Payments from FY 2015/16 forward.

B. Rosenow Spevacek Group, Inc. Final Property Tax Revenue Projections

Presented by: Deborah Gunderson, Budget Manager/Business Services Department

Recommended Action:

Receive and file the report.

C. Review of the Fiscal Year 2018/19 Proposed Budget

Presented by: Lori Zeller, Assistant Chief/Business Services Department

Recommended Action:

Review the proposed agenda item and direct staff to place the item on the agenda for the Board of Directors meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Board of Directors take the following actions:

1. Conduct a Public Hearing
2. Adopt the proposed FY 2018/19 Budget as submitted.
3. Adopt the 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 2018/19.
4. Approve and authorize the temporary transfer of up to \$46 million from the following funds to cover a projected temporary cash flow shortfall for FY 2018/19:
 - a. Fund 123 Fire Stations and Facilities - \$10 million
 - b. Fund 133 Fire Apparatus - \$20 million
 - c. Fund 190 Workers' Compensation Reserve Fund - \$16 million
5. Approve and authorize the repayment of \$46 million borrowed funds from Fund 121 to the above funds along with interest when General Fund revenues become available in FY 2018/19.
6. Approve an update to the Financial Stability Budget Policy allowing for as needed transfers to the CIP funds at fiscal year onset.
7. Approve and authorize FY 2017/18 budget adjustments to increase General Fund (121) revenues by net \$2,242,077 and General Fund (121) expenditures by \$2,587,327; decrease expenditures in Fire Stations and Facilities Fund (123) by \$7,500,000 and decrease Fire Apparatus Fund (133) by \$145,000.

D. Proposed Procurement Policy Manual

Presented by: Debbie Casper, Purchasing & Materials Manager/Business Services Department

Recommended Action:

Review the proposed agenda item and direct staff to place the item on the agenda for the Board of Directors meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Board of Directors receive and file the Procurement Policy Manual.

REPORTS

No items.

COMMITTEE MEMBER COMMENTS

ADJOURNMENT – The next regular meeting of the Budget and Finance Committee is scheduled for Wednesday, June 13, 2018, at 12:00 noon.

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 Training and Operations Center, 1 Fire Authority Road, Irvine, CA, not less than 72 hours prior to the meeting. Dated this 3rd day of May 2018.

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

UPCOMING MEETINGS:

Claims Settlement Committee Meeting	Thursday, May 24, 2018, 5:00 p.m.
Executive Committee Meeting	Thursday, May 24, 2018, 5:30 p.m.
Board of Directors Meeting	Thursday, May 24, 2018, 6:00 p.m.

MINUTES ORANGE COUNTY FIRE AUTHORITY

Budget and Finance Committee Regular Meeting
Wednesday, April 11, 2018
12:00 Noon

Regional Fire Operations and Training Center
Room AE117
1 Fire Authority Road
Irvine, CA 92602

CALL TO ORDER

A regular meeting of the Orange County Fire Authority Budget and Finance Committee was called to order on April 11, 2018, at 12:12 p.m. by Chair Muller.

PLEDGE OF ALLEGIANCE

Director Ta led the assembly in the Pledge of Allegiance to our Flag.

ROLL CALL

Present: Ed Sachs, Mission Viejo
Al Murray, Tustin
Gene Hernandez, Yorba Linda
Shelley Hasselbrink, Los Alamitos
Joseph Muller, Dana Point
Tri Ta, Westminster
Vacant, Ex Officio

Absent: Elizabeth Swift, Buena Park

Also present were:

Assistant Chief Lori Smith
Assistant Chief Lori Zeller
Assistant Chief Mike Schroeder
General Counsel David Kendig

Human Resources Director Brigitte Gibb
Dave Anderson, Acting Fire Chief
Clerk of the Authority Sherry Wentz

PUBLIC COMMENTS (F: 12.02B3)

Chair Muller opened the Public Comments portion of the meeting. Chair Muller closed the Public Comments portion of the meeting without any comments from the general public.

1. PRESENTATIONS

No items.

2. MINUTES

A. Minutes for the March 14, 2018, Budget and Finance Committee Regular Meeting (F: 12.02B2)

On motion of Director Murray and second by Director Ta, the Budget and Finance Committee voted unanimously by those present to approve the Minutes of the March 14, 2018, regular meeting as submitted. Director Sachs was recorded as an absention due to his absence from the meeting.

3. CONSENT CALENDAR

A. Orange County Employees' Retirement System Quarterly Status Update (F: 17.06B)

On motion of Director Sachs and second by Director Hernandez, the Budget and Finance Committee voted unanimously by those present to receive and file the report.

4. DISCUSSION CALENDAR

A. Monthly Investment Reports (F: 11.10D2)

Treasurer Tricia Jakubiak provided an overview of the Monthly Investment Reports.

On motion of Director Ta and second by Director Hernandez, the Committee voted unanimously by those present to direct staff to place the item on the agenda for the Executive Committee meeting of April 26, 2018, with the Budget and Finance Committee's recommendation that the Executive Committee receive and file the reports.

B. Communication with Auditors for FY 2017/18 Financial Audit (F: 15.02B)

Finance Manager Jim Ruane introduced Roger Alfaro, Partner with Vavrinek, Trine, Day & Co., who presented an overview of the audit process.

On motion of Director Ta and second by Sachs, the Committee voted unanimously by those present to receive and file the report.

REPORTS

No items.

COMMITTEE MEMBER COMMENTS (F: 12.02B4)

There were no Committee Member comments.

ADJOURNMENT – Chair Muller adjourned the meeting at 12:25 p.m. The next regular meeting of the Budget and Finance Committee is scheduled for Wednesday, May 9, 2018, at 12:00 noon.

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



Orange County Fire Authority
AGENDA STAFF REPORT

Budget and Finance Committee Meeting
May 9, 2018

Agenda Item No. 3A
Consent Calendar

Monthly Investment Reports

Contact(s) for Further Information

Tricia Jakubiak, Treasurer Treasury & Financial Planning	triciajakubiak@ocfa.org	714.573.6301
Jane Wong, Assistant Treasurer	jane Wong@ocfa.org	714.573.6305

Summary

This agenda item is a routine transmittal of the monthly investment reports submitted to the Committee in compliance with the investment policy of the Orange County Fire Authority and with Government Code Section 53646.

Prior Board/Committee Action

Not Applicable.

Recommended Action(s)

Review the proposed agenda item and direct staff to place the item on the agenda for the Executive Committee meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Executive Committee receive and file the reports.

Impact to Cities/County

Not Applicable.

Fiscal Impact

Not Applicable.

Background

Attached is the final monthly investment report for the month ended March 31, 2018. A preliminary investment report as of April 20, 2018, is also provided as the most complete report that was available at the time this agenda item was prepared.

Attachment(s)

Final Investment Report – March 2018/Preliminary Report – April 2018

Orange County Fire Authority Monthly Investment Report



Final Report – March 2018

Preliminary Report – April 2018



Monthly Investment Report Table of Contents

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Orange County Fire Authority

Final Investment Report

March 31, 2018



EXECUTIVE SUMMARY

Portfolio Activity & Earnings

During the month of March 2018, the size of the portfolio increased by \$8.2 million to \$153.7 million. Significant receipts for the month included the fifth and eighth apportionments of secured and supplemental property taxes, respectively, for a total of \$16.5 million. Significant receipts also included the third quarterly cash contract payments, intergovernmental contract and grant payments, and other charges for current services totaling \$17.1 million. Significant disbursements for the month included primarily two biweekly payrolls which were approximately \$10.1 million each with related benefits. Total March cash outflows amounted to approximately \$23.1 million. The portfolio's balance is expected to increase significantly in April as the next major property tax apportionment is scheduled for the month.

In March, the portfolio's yield to maturity (365-day equivalent) increased by 12 basis points to 1.47%. The effective rate of return, rose by 6 basis points to 1.42% for the month and increased by 4 basis points to 1.19% for the fiscal year to date. The average maturity of the portfolio shortened by 8 days to 88 days to maturity.

Economic News

The U.S. economy continued its steady growth pattern in March 2018. Overall employment conditions stayed strong, despite a weaker than expected March employment report. There were a total of 103,000 new jobs created for the month. However, a significant upward adjustment was made for the month of February. In addition, the unemployment rate continued to stay low and unchanged at 4.1% for the sixth straight month. Consumer confidence remained high, and retail sales reversed and rose more than expected. Both manufacturing and non-manufacturing sectors pulled back slightly but continued expanding. The CPI (Consumer Price Index) edged down slightly keeping the inflation measure tamed. Durable goods orders continued to surge and industrial production increased for the month. Moreover, both new home sales and existing home sales also exceeded expectations in March.

**BENCHMARK COMPARISON AS OF MARCH 31, 2018**

3 Month T-Bill: 1.73%

1 Year T-Bill: 2.06%

6 Month T-Bill: 1.92%

LAIF: 1.52%

OCFA Portfolio: 1.42%

PORTFOLIO SIZE, YIELD, & DURATION

	<u>Current Month</u>	<u>Prior Month</u>	<u>Prior Year</u>
Book Value-	\$153,662,453	\$145,509,799	\$153,422,308
Yield to Maturity (365 day)	1.47%	1.35%	0.78%
Effective Rate of Return	1.42%	1.36%	0.78%
Days to Maturity	88	96	135



ORANGE COUNTY FIRE AUTHORITY
Portfolio Management
Portfolio Summary
March 31, 2018

Orange County Fire Authority
 1 Fire Authority Road
 Irvine, Irvine, CA 92602
 (714)573-6301

(See Note 1 on page 9)

(See Note 2 on page 9)

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM/C 360 Equiv.	YTM/C 365 Equiv.
Money Mkt Mutual Funds/Cash	7,818,416.51	7,818,416.51	7,818,416.51	5.09	1	1	1.164	1.180
Federal Agency Coupon Securities	26,000,000.00	25,766,360.00	26,000,000.00	16.92	962	405	1.283	1.301
Federal Agency Disc. -Amortizing	27,000,000.00	26,953,020.00	26,959,845.00	17.54	125	38	1.420	1.439
Treasury Coupon Securities	8,000,000.00	7,989,440.00	7,990,909.09	5.20	99	75	1.652	1.675
Treasury Discounts -Amortizing	20,000,000.00	19,936,750.00	19,937,192.60	12.97	110	69	1.596	1.618
Local Agency Investment Funds	65,000,000.00	64,839,970.07	65,000,000.00	42.29	1	1	1.503	1.524
Investments	153,818,416.51	153,303,956.58	153,706,363.20	100.00%	204	88	1.454	1.474

Cash and Accrued Interest

Passbook/Checking (not included in yield calculations)	141,571.81	141,571.81	141,571.81	1	1	0.000	0.000
Accrued Interest at Purchase		20,521.98	20,521.98				
Subtotal		162,093.79	162,093.79				
Total Cash and Investments	153,959,988.32	153,466,050.37	153,868,456.99	204	88	1.454	1.474

Total Earnings	March 31 Month Ending	Fiscal Year To Date
Current Year	185,253.03	1,363,880.09
Average Daily Balance	153,338,717.53	152,401,435.21
Effective Rate of Return	1.42%	1.19%

"I certify that this investment report accurately reflects all pooled investments and is in compliance with the investment policy adopted by the Board of Directors to be effective on January 1, 2018. A copy of this policy is available from the Clerk of the Authority. Sufficient investment liquidity and anticipated revenues are available to meet budgeted expenditure requirements for the next thirty days and the next six months."

Patricia Jakubian, Treasurer

Cash and Investments with GASB 31 Adjustment:

Book Value of Cash & Investments before GASB 31 (Above)	\$ 153,868,456.99
GASB 31 Adjustment to Books (See Note 3 on page 9)	\$ (206,003.82)
Total	\$ 153,662,453.17

ORANGE COUNTY FIRE AUTHORITY

Portfolio Management

Portfolio Details - Investments

March 31, 2018

(See Note 1 on page 9)

(See Note 2 on page 9)

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM/C 365	Days to Maturity	Maturity Date
Money Mkt Mutual Funds/Cash											
SYS528	528	Federated Treasury Obligations			7,818,416.51	7,818,416.51	7,818,416.51	1.180	1.180	1	
Subtotal and Average			8,972,136.69		7,818,416.51	7,818,416.51	7,818,416.51		1.180	1	
Federal Agency Coupon Securities											
3133EFJP3	869	Federal Farm Credit Bank (Callable Anytime)		10/15/2015	10,000,000.00	9,954,700.00	10,000,000.00	1.100	1.054	197	10/15/2018
3133EGPD1	921	Federal Farm Credit Bank (Callable Anytime)		04/20/2017	7,000,000.00	6,904,450.00	7,000,000.00	1.180	1.375	487	08/01/2019
3134GBHT2	922	Fed Home Loan Mtg Corp		04/25/2017	8,000,000.00	8,907,210.00	9,000,000.00	1.625	1.518	572	10/25/2019
Subtotal and Average			32,387,096.77		26,000,000.00	25,766,360.00	26,000,000.00		1.301	405	
Federal Agency Disc. -Amortizing											
313385VE3	931	Fed Home Loan Bank		12/20/2017	9,000,000.00	8,998,380.00	8,998,337.50	1.330	1.373	5	04/06/2018
313385WY8	933	Fed Home Loan Bank		01/11/2018	9,000,000.00	8,980,470.00	8,983,315.00	1.420	1.467	47	05/18/2018
313385XN1	934	Fed Home Loan Bank		01/11/2018	9,000,000.00	8,974,170.00	8,978,192.50	1.430	1.478	61	06/01/2018
Subtotal and Average			26,944,170.00		27,000,000.00	26,953,020.00	26,959,845.00		1.439	38	
Treasury Coupon Securities											
912828XF2	935	Treasury Note		03/08/2018	8,000,000.00	7,989,440.00	7,990,909.09	1.125	1.675	75	06/15/2018
Subtotal and Average			6,185,431.08		8,000,000.00	7,989,440.00	7,990,909.09		1.675	75	
Treasury Discounts -Amortizing											
912796PC7	932	US Treasury Bill		01/04/2018	6,000,000.00	5,991,600.00	5,992,640.00	1.380	1.406	32	05/03/2018
912796PM5	936	US Treasury Bill		03/08/2018	8,000,000.00	7,967,440.00	7,967,361.77	1.669	1.701	88	06/28/2018
912796PL7	937	US Treasury Bill		03/15/2018	3,000,000.00	2,989,920.00	2,989,547.50	1.695	1.726	74	06/14/2018
912796PM5	938	US Treasury Bill		03/15/2018	3,000,000.00	2,987,790.00	2,987,643.33	1.685	1.717	88	06/28/2018
Subtotal and Average			17,462,786.20		20,000,000.00	19,936,750.00	19,937,192.60		1.618	69	
Local Agency Investment Funds											
SYS336	336	Local Agency Invstmt Fund			65,000,000.00	64,839,970.07	65,000,000.00	1.524	1.524	1	
Subtotal and Average			61,387,096.77		65,000,000.00	64,839,970.07	65,000,000.00		1.524	1	
Total and Average			153,338,717.53		153,818,416.51	153,303,956.58	153,706,383.20		1.474	88	

ORANGE COUNTY FIRE AUTHORITY
Portfolio Management
Portfolio Details - Cash
March 31, 2018

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM/C 365	Days to Maturity
Money Mkt Mutual Funds/Cash										
SYS10033	10033	Revolving Fund		07/01/2017	20,000.00	20,000.00	20,000.00		0.000	1
SYS4	4	Union Bank		07/01/2017	121,571.81	121,571.81	121,571.81		0.000	1
Average Balance			0.00	Accrued Interest at Purchase		20,521.98	20,521.98			1
				Subtotal		162,093.79	162,093.79			
Total Cash and Investments			153,338,717.53		153,959,988.32	153,466,050.37	153,868,456.99		1.474	88

“We visualize problems and solutions
through the eyes of those we serve.”



ORANGE COUNTY FIRE AUTHORITY
Aging Report
By Maturity Date
As of April 1, 2018

Orange County Fire Authority
 1 Fire Authority Road
 Irvine, Irvine, CA 92602
 (714)573-6301

				Maturity Par Value	Percent of Portfolio	Current Book Value	Current Market Value
Aging Interval: 0 days	(04/01/2018 - 04/01/2018)	4 Maturities	0 Payments	72,959,988.32	47.42%	72,959,988.32	72,799,958.39
Aging Interval: 1 - 30 days	(04/02/2018 - 05/01/2018)	1 Maturities	0 Payments	9,000,000.00	5.85%	8,998,337.50	8,998,380.00
Aging Interval: 31 - 60 days	(05/02/2018 - 05/31/2018)	2 Maturities	0 Payments	15,000,000.00	9.73%	14,975,955.00	14,972,070.00
Aging Interval: 61 - 91 days	(06/01/2018 - 07/01/2018)	5 Maturities	0 Payments	31,000,000.00	20.09%	30,913,654.19	30,908,760.00
Aging Interval: 92 - 121 days	(07/02/2018 - 07/31/2018)	0 Maturities	0 Payments	0.00	0.00%	0.00	0.00
Aging Interval: 122 - 152 days	(08/01/2018 - 08/31/2018)	0 Maturities	0 Payments	0.00	0.00%	0.00	0.00
Aging Interval: 153 - 183 days	(09/01/2018 - 10/01/2018)	0 Maturities	0 Payments	0.00	0.00%	0.00	0.00
Aging Interval: 184 - 274 days	(10/02/2018 - 12/31/2018)	1 Maturities	0 Payments	10,000,000.00	6.50%	10,000,000.00	9,954,700.00
Aging Interval: 275 - 365 days	(01/01/2019 - 04/01/2019)	0 Maturities	0 Payments	0.00	0.00%	0.00	0.00
Aging Interval: 366 - 1095 days	(04/02/2019 - 03/31/2021)	2 Maturities	0 Payments	16,000,000.00	10.40%	16,000,000.00	15,811,660.00
Aging Interval: 1096 days and after	(04/01/2021 -)	0 Maturities	0 Payments	0.00	0.00%	0.00	0.00
Total for		15 Investments	0 Payments		100.00	153,847,935.01	153,445,528.39



NOTES TO PORTFOLIO MANAGEMENT REPORT

- Note 1: Market value of the LAIF investment is calculated using a fair value factor provided by LAIF. The MUFG Union Bank (formerly Union Bank) Trust Department provides market values of the remaining investments.
- Note 2: Book value reflects the cost or amortized cost before the GASB 31 accounting adjustment.
- Note 3: GASB 31 requires governmental entities to report investments at fair value in the financial statements and to reflect the corresponding unrealized gains/ (losses) as a component of investment income. The GASB 31 adjustment is recorded only at fiscal year end. The adjustment for June 30, 2017 includes a decrease of (\$68,353) to the LAIF investment and a decrease of (\$137,651) to the remaining investments.
- Note 4: The Federated Treasury Obligations money market mutual fund functions as the Authority's sweep account. Funds are transferred to and from the sweep account to/from OCFA's checking account in order to maintain a target balance of \$1,000,000 in checking. Since this transfer occurs at the beginning of each banking day, the checking account sometimes reflects a negative balance at the close of the banking day. The negative closing balance is not considered an overdraft since funds are available in the money market mutual fund. The purpose of the sweep arrangement is to provide sufficient liquidity to cover outstanding checks, yet allow that liquidity to be invested while payment of the outstanding checks is pending.



Local Agency Investment Fund (LAIF)

As of March 31, 2018, OCFA has \$65,000,000 invested in LAIF. The fair value of OCFA's LAIF investment is calculated using a participant fair value factor provided by LAIF on a quarterly basis. The fair value factor as of March 31, 2018 is 0.997538001. When applied to OCFA's LAIF investment, the fair value is \$64,839,970 or (\$160,030) below cost. Although the fair value of the LAIF investment is lower than cost, OCFA can withdraw the actual amount invested at any time.

LAIF is included in the State Treasurer's Pooled Money Investment Account (PMIA) for investment purposes. The PMIA market valuation at March 31, 2018 is included on the following page.



State of California Pooled Money Investment Account Market Valuation 3/31/2018

Description		Carrying Cost Plus Accrued Interest Purch.	Amortized Cost	Fair Value	Accrued Interest
1*	United States Treasury:				
	Bills	\$ 13,168,305,302.64	\$ 13,234,864,134.73	\$ 13,222,380,000.00	NA
	Notes	\$ 20,061,143,353.89	\$ 20,057,667,338.99	\$ 19,930,705,000.00	\$ 47,380,533.00
1*	Federal Agency:				
	SBA	\$ 867,145,314.00	\$ 867,088,008.74	\$ 856,981,629.70	\$ 1,270,724.33
	MBS-REMICs	\$ 31,003,570.83	\$ 31,003,570.83	\$ 31,753,574.99	\$ 145,081.69
	Debentures	\$ 1,363,946,135.19	\$ 1,363,919,399.07	\$ 1,353,611,900.00	\$ 2,644,921.75
	Debentures FR	\$ -	\$ -	\$ -	\$ -
	Debentures CL	\$ 350,000,000.00	\$ 350,000,000.00	\$ 345,893,500.00	\$ 689,278.50
	Discount Notes	\$ 10,376,049,638.66	\$ 10,419,274,485.93	\$ 10,413,696,000.00	NA
1*	Supranational Debentures	\$ 449,199,891.07	\$ 449,199,891.07	\$ 446,463,500.00	\$ 687,154.00
1*	Supranational Debentures FR	\$ 50,000,000.00	\$ 50,000,000.00	\$ 50,061,500.00	\$ 189,741.67
2*	CDs and YCDs FR	\$ 425,000,000.00	\$ 425,000,000.00	\$ 425,000,000.00	\$ 1,320,201.70
2*	Bank Notes	\$ 900,000,000.00	\$ 900,000,000.00	\$ 898,914,388.05	\$ 3,624,888.87
2*	CDs and YCDs	\$ 13,925,000,000.00	\$ 13,925,000,000.00	\$ 13,916,261,691.08	\$ 47,875,722.25
2*	Commercial Paper	\$ 7,257,225,888.87	\$ 7,279,648,291.66	\$ 7,276,043,749.97	NA
1*	Corporate:				
	Bonds FR	\$ -	\$ -	\$ -	\$ -
	Bonds	\$ -	\$ -	\$ -	\$ -
1*	Repurchase Agreements	\$ -	\$ -	\$ -	\$ -
1*	Reverse Repurchase	\$ -	\$ -	\$ -	\$ -
	Time Deposits	\$ 5,031,740,000.00	\$ 5,031,740,000.00	\$ 5,031,740,000.00	NA
	AB 55 & GF Loans	\$ 716,647,000.00	\$ 716,647,000.00	\$ 716,647,000.00	NA
	TOTAL	\$ 74,972,406,095.15	\$ 75,101,052,121.02	\$ 74,916,153,433.79	\$ 105,828,247.76

Fair Value Including Accrued Interest

\$ 75,021,981,681.55

* Governmental Accounting Standards Board (GASB) Statement #72

Repurchase Agreements, Time Deposits, AB 55 & General Fund loans, and Reverse Repurchase agreements are carried at portfolio book value (carrying cost).

The value of each participating dollar equals the fair value divided by the amortized cost (0.997538001).
As an example: if an agency has an account balance of \$20,000,000.00, then the agency would report its participation in the LAIF valued at \$19,950,760.03 or \$20,000,000.00 x 0.997538001.



Orange County Fire Authority

Preliminary Investment Report

April 20, 2018



ORANGE COUNTY FIRE AUTHORITY
Portfolio Management
Portfolio Summary
April 20, 2018

Orange County Fire Authority
1 Fire Authority Road
Irvine, CA 92602
(714)573-6301

(See Note 1 on page 18)

(See Note 2 on page 18)

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM/C 360 Equiv.	YTM/C 365 Equiv.
Money Mkt Mutual Funds/Cash	10,391,367.50	10,391,367.50	10,391,367.50	5.17	1	1	1.164	1.180
Federal Agency Coupon Securities	26,000,000.00	25,706,800.00	26,000,000.00	12.94	962	385	1.283	1.301
Federal Agency Disc. -Amortizing	27,000,000.00	26,929,620.00	26,931,865.00	13.40	122	55	1.583	1.605
Treasury Coupon Securities	26,000,000.00	25,892,830.00	25,898,869.80	12.89	171	156	1.863	1.889
Treasury Discounts -Amortizing	47,000,000.00	46,748,000.00	46,748,038.72	23.26	132	105	1.757	1.781
Local Agency Investment Funds	65,000,000.00	64,839,970.07	65,000,000.00	32.34	1	1	1.503	1.524
Investments	201,391,367.50	200,508,587.57	200,970,141.02	100.00%	194	102	1.573	1.595
Cash and Accrued Interest								
Passbook/Checking (not included in yield calculations)	419,967.80	419,967.80	419,967.80		1	1	0.000	0.000
Accrued Interest at Purchase		100,390.77	100,390.77					
Subtotal		520,358.57	520,358.57					
Total Cash and Investments	201,811,335.30	201,028,946.14	201,490,499.59		194	102	1.573	1.595

Total Earnings	April 20 Month Ending	Fiscal Year To Date
Current Year	124,712.76	1,488,592.85
Average Daily Balance	153,425,689.96	152,471,112.41
Effective Rate of Return	1.48%	1.21%

"I certify that this investment report accurately reflects all pooled investments and is in compliance with the investment policy adopted by the Board of Directors to be effective on January 1, 2018. A copy of this policy is available from the Clerk of the Authority. Sufficient investment liquidity and anticipated revenues are available to meet budgeted expenditure requirements for the next thirty days and the next six months."

Patricia Jakubik, Treasurer

Cash and Investments with GASB 31 Adjustment:

Book Value of Cash & Investments before GASB 31 (Above)

\$ 201,490,499.59

GASB 31 Adjustment to Books (See Note 3 on page 18)

\$ (206,003.82)

Total

\$ 201,284,495.77

ORANGE COUNTY FIRE AUTHORITY

Portfolio Management

Portfolio Details - Investments

April 20, 2018

(See Note 1 on page 18) (See Note 2 on page 18)

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM/C 365	Days to Maturity	Maturity Date
Money Mkt Mutual Funds/Cash											
SYSS28	528	Federated Treasury Obligations			10,391,367.50	10,391,367.50	10,391,367.50	1.180	1.180	1	
Subtotal and Average			8,867,958.46		10,391,367.50	10,391,367.50	10,391,367.50		1.180	1	
Federal Agency Coupon Securities											
3133EFJP3	869	Federal Farm Credit Bank (Callable Anytime)		10/15/2015	10,000,000.00	9,955,000.00	10,000,000.00	1.100	1.054	177	10/15/2018
3133EGPD1	921	Federal Farm Credit Bank (Callable Anytime)		04/20/2017	7,000,000.00	6,867,630.00	7,000,000.00	1.180	1.375	467	08/01/2019
3134GBHT2	922	Fed Home Loan Mtg Corp		04/25/2017	9,000,000.00	8,884,170.00	9,000,000.00	1.625	1.518	552	10/25/2019
Subtotal and Average			26,000,000.00		26,000,000.00	25,706,800.00	26,000,000.00		1.301	385	
Federal Agency Disc. -Amortizing											
313385WY8	933	Fed Home Loan Bank		01/11/2018	9,000,000.00	8,989,470.00	8,990,415.00	1.420	1.467	27	05/18/2018
313385XN1	934	Fed Home Loan Bank		01/11/2018	9,000,000.00	8,983,350.00	8,985,342.50	1.430	1.478	41	06/01/2018
313385ZW9	939	Fed Home Loan Bank		04/19/2018	9,000,000.00	8,956,800.00	8,956,107.50	1.810	1.870	97	07/27/2018
Subtotal and Average			21,114,410.63		27,000,000.00	26,929,620.00	26,931,865.00		1.605	55	
Treasury Coupon Securities											
912828XF2	935	Treasury Note		03/08/2018	8,000,000.00	7,992,640.00	7,993,333.33	1.125	1.675	55	06/15/2018
912828T83	943	Treasury Note		04/19/2018	9,000,000.00	8,940,960.00	8,943,395.53	0.750	1.960	193	10/31/2018
912828M64	944	Treasury Note		04/19/2018	9,000,000.00	8,959,230.00	8,962,140.94	1.250	2.010	208	11/15/2018
Subtotal and Average			9,782,711.70		26,000,000.00	25,892,830.00	25,898,869.80		1.889	156	
Treasury Discounts -Amortizing											
912796PC7	932	US Treasury Bill		01/04/2018	6,000,000.00	5,997,300.00	5,997,240.00	1.380	1.406	12	05/03/2018
912796PM5	936	US Treasury Bill		03/08/2018	8,000,000.00	7,975,280.00	7,974,779.55	1.669	1.701	68	06/28/2018
912796PL7	937	US Treasury Bill		03/15/2018	3,000,000.00	2,992,860.00	2,992,372.50	1.695	1.726	54	06/14/2018
912796PM5	938	US Treasury Bill		03/15/2018	3,000,000.00	2,990,730.00	2,990,451.67	1.685	1.717	68	06/28/2018
912796PU7	940	US Treasury Bill		04/19/2018	9,000,000.00	8,950,590.00	8,950,500.00	1.800	1.835	110	08/09/2018
912796PZ6	941	US Treasury Bill		04/19/2018	9,000,000.00	8,928,540.00	8,929,320.00	1.860	1.901	152	09/20/2018
912796QD4	942	US Treasury Bill		04/19/2018	9,000,000.00	8,912,700.00	8,913,375.00	1.925	1.971	180	10/18/2018
Subtotal and Average			22,625,709.13		47,000,000.00	46,748,000.00	46,748,038.72		1.781	105	
Local Agency Investment Funds											
SYS336	336	Local Agency Invstmt Fund			65,000,000.00	64,839,970.07	65,000,000.00	1.524	1.524	1	
Subtotal and Average			65,034,900.05		65,000,000.00	64,839,970.07	65,000,000.00		1.524	1	

ORANGE COUNTY FIRE AUTHORITY
Portfolio Management
Portfolio Details - Investments
April 20, 2018

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM/C 365	Days to Maturity
Total and Average			153,425,689.96		201,391,367.50	200,508,587.57	200,970,141.02		1.595	102

ORANGE COUNTY FIRE AUTHORITY
Portfolio Management
Portfolio Details - Cash
April 20, 2018

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM/C 365	Days to Maturity
Money Mkt Mutual Funds/Cash										
SYS10033	10033	Revolving Fund		07/01/2017	20,000.00	20,000.00	20,000.00		0.000	1
SYS4	4	Union Bank		07/01/2017	399,967.80	399,967.80	399,967.80		0.000	1
Average Balance			0.00	Accrued Interest at Purchase		100,390.77	100,390.77			1
				Subtotal		520,358.57	520,358.57			
Total Cash and Investments			153,425,689.96		201,811,335.30	201,028,946.14	201,490,499.59		1.595	102



ORANGE COUNTY FIRE AUTHORITY
Aging Report
By Maturity Date
As of April 21, 2018

Orange County Fire Authority
 1 Fire Authority Road
 Irvine, CA 92602
 (714)573-6301

				Maturity Par Value	Percent of Portfolio	Current Book Value	Current Market Value
Aging Interval: 0 days	(04/21/2018 - 04/21/2018)	4 Maturities	0 Payments	75,811,335.30	37.64%	75,811,335.30	75,651,305.37
Aging Interval: 1 - 30 days	(04/22/2018 - 05/21/2018)	2 Maturities	0 Payments	15,000,000.00	7.44%	14,987,655.00	14,986,770.00
Aging Interval: 31 - 60 days	(05/22/2018 - 06/20/2018)	3 Maturities	0 Payments	20,000,000.00	9.92%	19,971,048.33	19,968,850.00
Aging Interval: 61 - 91 days	(06/21/2018 - 07/21/2018)	2 Maturities	0 Payments	11,000,000.00	5.44%	10,965,231.22	10,966,010.00
Aging Interval: 92 - 121 days	(07/22/2018 - 08/20/2018)	2 Maturities	0 Payments	18,000,000.00	8.89%	17,906,607.50	17,907,390.00
Aging Interval: 122 - 152 days	(08/21/2018 - 09/20/2018)	1 Maturities	0 Payments	9,000,000.00	4.43%	8,929,320.00	8,928,540.00
Aging Interval: 153 - 183 days	(09/21/2018 - 10/21/2018)	2 Maturities	0 Payments	19,000,000.00	9.39%	18,913,375.00	18,867,700.00
Aging Interval: 184 - 274 days	(10/22/2018 - 01/20/2019)	2 Maturities	0 Payments	18,000,000.00	8.89%	17,905,536.47	17,900,190.00
Aging Interval: 275 - 365 days	(01/21/2019 - 04/21/2019)	0 Maturities	0 Payments	0.00	0.00%	0.00	0.00
Aging Interval: 366 - 1095 days	(04/22/2019 - 04/20/2021)	2 Maturities	0 Payments	16,000,000.00	7.94%	16,000,000.00	15,751,800.00
Aging Interval: 1096 days and after	(04/21/2021 -)	0 Maturities	0 Payments	0.00	0.00%	0.00	0.00
Total for		20 Investments	0 Payments		100.00	201,390,108.82	200,928,555.37



NOTES TO PORTFOLIO MANAGEMENT REPORT

- Note 1: Market value of the LAIF investment is calculated using a fair value factor provided by LAIF. The MUFG Union Bank Trust Department provides market values of the remaining investments.
- Note 2: Book value reflects the cost or amortized cost before the GASB 31 accounting adjustment.
- Note 3: GASB 31 requires governmental entities to report investments at fair value in the financial statements and to reflect the corresponding unrealized gains/ (losses) as a component of investment income. The GASB 31 adjustment is recorded only at fiscal year end. The adjustment for June 30, 2017 includes a decrease of (\$68,353) to the LAIF investment and a decrease of (\$137,651) to the remaining investments.
- Note 4: The Federated Treasury Obligations money market mutual fund functions as the Authority's sweep account. Funds are transferred to and from the sweep account to/from OCFA's checking account in order to maintain a target balance of \$1,000,000 in checking. Since this transfer occurs at the beginning of each banking day, the checking account sometimes reflects a negative balance at the close of the banking day. The negative closing balance is not considered an overdraft since funds are available in the money market mutual fund. The purpose of the sweep arrangement is to provide sufficient liquidity to cover outstanding checks, yet allow that liquidity to be invested while payment of the outstanding checks is pending.

GLOSSARY

INVESTMENT TERMS

Basis Point. Measure used in quoting yields on bonds and notes. One basis point is .01% of yield.

Book Value. This value may be the original cost of acquisition of the security, or original cost adjusted by the amortization of a premium or accretion of a discount. The book value may differ significantly from the security's current value in the market.

Commercial Paper. Unsecured short-term promissory notes issued by corporations, with maturities ranging from 2 to 270 days; may be sold on a discount basis or may bear interest.

Coupon Rate. Interest rate, expressed as a percentage of par or face value, that issuer promises to pay over lifetime of debt security.

Discount. The amount by which a bond sells under its par (face) value.

Discount Securities. Securities that do not pay periodic interest. Investors earn the difference between the discount issue price and the full face value paid at maturity. Treasury bills, bankers' acceptances and most commercial paper are issued at a discount.

Effective Rate of Return. Rate of return on a security, based on its purchase price, coupon rate, maturity date, and the period between interest payments.

Federal Agency Securities. Securities issued by agencies such as the Federal National Mortgage Association and the Federal Farm Credit Bank. Though not general obligations of the US Treasury, such securities are sponsored by the government and therefore have high credit ratings. Some are issued on a discount basis and some are issued with coupons.

Federal Funds. Funds placed in Federal Reserve banks by depository institutions in excess of current reserve requirements. These depository institutions may lend fed funds to each other overnight or on a longer basis. They may also transfer funds among each other on a same-day basis through the Federal Reserve banking system. Fed Funds are considered to be immediately available funds.

Fed Funds Rate. The interest rate charged by one institution lending federal funds to another.

Federal Open Market Committee. The branch of the Federal Reserve Board that determines the direction of monetary policy.

Local Agency Investment Fund (LAIF). A California State Treasury fund which local agencies may use to deposit funds for investment and for reinvestment with a maximum of \$50 million for any agency (*excluding bond funds, which have no maximum*). It offers high liquidity because

deposits can be converted to cash in 24 hours and no interest is lost. Interest is paid quarterly and the State's administrative fee cannot exceed 1/4 of a percent of the earnings.

Market value. The price at which the security is trading and could presumably be purchased or sold.

Maturity Date. The specified day on which the issuer of a debt security is obligated to repay the principal amount or face value of security.

Money Market Mutual Fund. Mutual funds that invest solely in money market instruments (short-term debt instruments, such as Treasury bills, commercial paper, bankers' acceptances, repurchase agreements and federal funds).

Par. Face value or principal value of a bond typically \$1,000 per bond.

Rate of Return. The amount of income received from an investment, expressed as a percentage. A *market rate of return* is the yield that an investor can expect to receive in the current interest-rate environment utilizing a buy-and-hold to maturity investment strategy.

Treasury Bills. Short-term U.S. government non-interest bearing debt securities with maturities of no longer than one year. The yields on these bills are monitored closely in the money markets for signs of interest rate trends.

Treasury Notes. Intermediate U.S. government debt securities with maturities of one to 10 years.

Treasury bonds. Long-term U.S. government debt securities with maturities of 10 years or longer.

Yield. Rate of return on a bond.

Yield-to-maturity. Rate of return on a bond taking into account the total annual interest payments, the purchase price, the redemption value and the amount of time remaining until maturity.

ECONOMIC TERMS

Conference Board Consumer Confidence Index A survey that measures how optimistic or pessimistic consumers are with respect to the economy in the near future.

Consumer Price Index (CPI). A measure that examines the weighted average of prices of a basket of consumer goods and services, such as transportation, food and medical care. Changes in CPI are used to assess price changes associated with the cost of living.

Durable Goods Orders. An economic indicator released monthly that reflects new orders placed with domestic manufacturers for delivery of factory durable goods such as autos and appliances in the near term or future.

Gross Domestic Product. The monetary value of all the finished goods and services produced within a country's borders in a specific time period. It includes all of private and public consumption, government outlays, investments and exports less imports that occur within a defined territory.

Industrial Production. An economic indicator that is released monthly by the Federal Reserve Board. The indicator measures the amount of output from the manufacturing, mining, electric and gas industries.

ISM Institute for Supply Management (ISM) Manufacturing Index. A monthly index that monitors employment, production inventories, new orders and supplier deliveries.

ISM Non-manufacturing Index. An index based on surveys of non-manufacturing firms' purchasing and supply executives. It tracks economic data for the service sector.

Leading Economic Index. A monthly index used to predict the direction of the economy's movements in the months to come. The index is made up of 10 economic components, whose changes tend to precede changes in the overall economy.

National Federation of Independent Business Small Business Optimism Index. An index based on surveys of small business owners' plans and expectations regarding employment, capital, inventories, economic improvement, credit conditions, expansion, and earnings trends in the near term or future.

Producer Price Index. An index that measures the average change over time in the selling prices received by domestic producers for their output.

University of Michigan Consumer Sentiment Index. An index that measures the overall health of the economy as determined by consumer opinion. It takes into account an individual's feelings toward his or her own current financial health, the health of the economy in the short term and the prospects for longer term economic growth.



Orange County Fire Authority
AGENDA STAFF REPORT

Budget and Finance Committee Meeting
May 9, 2018

Agenda Item No. 3B
Consent Calendar

Third Quarter Financial Newsletter

Contact(s) for Further Information

Lori Zeller, Assistant Chief Business Services Department	lorizeller@ocfa.org	714.573.6020
Tricia Jakubiak, Treasurer	triciajakubiak@ocfa.org	714.573.6301
Deborah Gunderson, Budget Manager	deborahgunderson@ocfa.org	714.573.6302

Summary

This routine agenda item is submitted to provide information regarding revenues and expenditures in the General Fund and the Capital Improvement Program Funds through the third quarter of FY 2017/18.

Prior Board/Committee Action

Not Applicable.

RECOMMENDED ACTION(S)

Review the proposed agenda item and direct staff to place the item on the agenda for the Executive Committee meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Executive Committee receive and file the report.

Impact to Cities/County

Not Applicable.

Fiscal Impact

Not Applicable.

Background

The Quarterly Financial Newsletter provides information about the General Fund's top five revenue sources as well as expenditures by department and by type. Revenues and expenditures for the Capital Improvement Program (CIP) funds are also included. Revenues and expenditures for the General and CIP Funds are within budgetary expectations for this reporting period. Any notable items are detailed in the attached newsletter.

Attachment(s)

Third Quarter Financial Newsletter – July 2017 to March 2018



Orange County Fire Authority

Third Quarter Financial Newsletter – July 2017 to March 2018

OVERVIEW

This report covers fiscal activities in the General Fund and CIP Funds through the third quarter of Fiscal Year 2017/18. Budget figures include all budget adjustments authorized by the Board through the end of the third quarter.

GENERAL FUND

With 75% of the year completed, General Fund revenues are 73.5% of budget and expenditures are 71.4% as shown below:

General Fund	YTD Actual	Budget	Percent
Revenues	284,320,697	387,073,742	73.5%
Expenditures	278,533,595	390,336,715	71.4%

Top Five Revenues. The analysis presented below compares the five largest revenue categories received through the third quarter, as compared to the budgetary estimate for this point in the fiscal year. Categories in which the variance is exceeded by 10% or \$1 million, are discussed below the table.

Top Five Revenues	YTD Actual Receipts	Trended YTD Budget Estimate	Variance: Actual to Estimate in Dollars	% Variance
Property Taxes	169,219,173	168,373,467	845,706	0%
Cash Contracts	78,010,217	78,217,948	(207,731)	0%
State Reimbursements	16,521,589	16,500,000	21,589	0%
CRA Pass-through	6,433,698	6,433,698	(0)	0%
Community Risk Reduction Fees	4,183,572	4,409,354	(225,782)	-5%
Total	274,368,249	273,934,467	433,782	0%

- There are no reportable variances through the third quarter.

Expenditures. The analysis presented on the following page compares the actual expenditures through the third quarter, as compared to the budgetary estimate for this point in the fiscal year. Categories in which the variance is exceeded by 10% or \$1 million, are discussed below the table.

Expenditures by Department	YTD Actual Expenditures	Trended Budget Estimate	Variance: Actual to Estimate in Dollars	% Variance
Business Services	27,962,329	28,784,573	(822,244)	-3%
Community Risk Reduction	7,642,408	7,915,781	(273,373)	-4%
Executive Management	8,830,539	8,486,452	344,087	4%
Operations	208,611,637	212,744,712	(4,133,075)	-2%
Organizational Planning	4,667,097	4,708,114	(41,017)	-1%
Support Services	24,185,311	25,260,429	(1,075,118)	-4%
Total	281,899,321	287,900,061	(6,000,740)	-2%

Totals may not equal the sum of components, or Authority-wide totals, due to rounding

- **Operations**– This department is trending under budget estimates primarily due to vacancies in the firefighter ranks. Although progress has been made in hiring, this progress has been offset by routine retirements and promotions which have created new vacancies to fill. As of April 18, there were over 50 between firefighter, fire apparatus engineer and fire captain positions. The next firefighter academy will graduate approximately 43 firefighters on May 23rd, 2018, to help reduce the open positions.
- **Support Services** – This department is trending under budget estimates primarily in the Services and Supplies category. Larger expenditure projects within Property Management have not made the amount of progress in this fiscal year as was expected; the projects are expected to be included in the FY 2018/19 carryover adjustment.

Expenditures by type are outlined below, with exception details below:

Expenditures by Type	YTD Actual Expenditures	Trended Budget Estimate	Variance: Actual to Estimate in Dollars	% Variance
Salary and Employee Benefits	258,324,563	262,761,123	(4,436,560)	-2%
Services and Supplies	23,168,275	24,872,571	(1,704,296)	-7%
Equipment	406,484	266,367	140,117	34%
Total	281,899,322	287,900,061	(6,000,740)	-2%

Totals may not equal the sum of components, or Authority-wide totals, due to rounding

- **Salary & Employee Benefits** –This category is trending under budget estimates by approximately \$4.4 million or 2%. This is primarily due to vacancies in the firefighter ranks as described above.
- **Services and Supplies/Equipment** – Actual expenditures through the third quarter finished approximately \$1.6M or 27% under estimates. As described above, this is primarily as a result of larger expenditure projects within Support Services that have not made the amount of progress in this fiscal year as was expected; the projects are expected to be included in the FY 2018/19 carryover adjustment.

CIP FUNDS

Revenues and expenditures for the Capital Improvement Program funds are summarized below. Any variances are noted following the fund table:

General Fund CIP

Fund 12110	YTD Actual	Budget	Percent
Expenditures	1,931,224	3,111,074	62%

- This Fund receives transfers from the General Fund as its revenue source.
- Appropriations of \$3.1M included funding for routine maintenance and replacement of equipment such as pagers, PCs, laptops, printers, 800 MHz radios, VHF radios, MDC system, fire station telephone/alarm system upgrade, network servers, data storage, EOC upgrade and remote cameras on the County Tower and extrication rescue tools.
- YTD Expenditures of approximately \$1.9M include extrication tools, fire station telephone/alarm sound system upgrades, remote cameras on the County Tower, PCs, laptops, tablets and printers, network servers, and VHF radios.

Fire Stations and Facilities

Fund 123	YTD Actual	Budget	Percent
Revenue	1,369,454	1,553,099	88.2%
Expenditures	473,806	10,098,490	4.7%

- Appropriations of \$10M include funding for replacement of Fire Station 9, US&R warehouse improvements, infrastructure enhancements, site stabilization at Fire Station 42, replacement of Fire Station 10, vehicle sheds at Fire Station 18 and the completion of the RFOTC emergency power circuit project.
- Minimal expenditures occurred through the third quarter as contracts for Fire Station 9 replacement and Fire Station 42 site stabilization had not yet been awarded. YTD expenditure of about \$474K were for improvements to the US&R Warehouse. The project to replace Fire Station 10 is being moved to the next two fiscal years.

Communications & Info. Systems

Fund 124	YTD Actual	Budget	Percent
Revenue	332,155	440,528	75.4%
Expenditures	944,462	4,250,516	22.2%

- Appropriations of \$4.3M include funding for RFOTC Data Center Fire Suppression system upgrade, the OCFA Disaster Recovery Co-Location Facility, Incident Reporting Application Replacement, the Next Generation CAD2CAD projects, 800 MHz Replacement, and Audio Video Equipment Upgrades
- YTD expenditures remain low at approximately 22% as most projects were still in planning stages through the third quarter.

Fire Apparatus

Fund 133	YTD Actual	Budget	Percent
Revenue	1,249,377	1,826,547	68.4%
Expenditures	6,044,225	11,435,499	52.9%

- Major expenditures are three quarterly lease payments on the helicopters; a purchase order for seven Type-1 Engines was also issued.

SUMMARY

For more information. This summary is based on detailed information from our financial system. If you would like more information or have any questions about the report, please contact Deborah Gunderson, Budget Manager at 714-573-6302, or Tricia Jakubiak, Treasurer at 714-573-6301.



Orange County Fire Authority
AGENDA STAFF REPORT

Budget and Finance Committee Meeting
May 9, 2018

Agenda Item No. 3C
Consent Calendar

Updated Cost Reimbursement Rates

Contact(s) for Further Information

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Summary

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

Prior Board/Committee Action

Not Applicable.

RECOMMENDED ACTION(S)

Review the proposed agenda item and direct staff to place the item on the agenda for the Board of Directors meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Board of Directors approve and adopt the proposed Cost Reimbursement Rate schedules to be effective July 1, 2018.

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 2018/19 is 16.72%, increasing 2.92% from the current rate of 13.80%. This change is attributable to the upgrade and replacement of the 800 MHz Countywide-coordinated Communications System, audio-visual upgrade project in the Region Fire Operation and Training Center's board room and classrooms, and purchase of a second set of firefighter turnouts. The average increase in the

proposed Suppression Personnel Cost Reimbursement Rates is 7%, driven by a 4% Memorandum of Understanding cost increase combined with the 2.92% increase in the indirect cost rate. The GIS Analyst's hourly rate increased by 27% and the Buyer hourly rate increased by 19%, as a result of newer employees progressing up on the salary scale with merit increases, combined with cost-of-living salary increases, combined with the 2.92% increase in the indirect cost rate. The full list of proposed reimbursement rates by position (including the indirect cost rate) is listed on Attachment 1A.

OCFA uses the Federal Emergency Management Agency (FEMA) approved equipment rates (with the exception of the helicopter rates) to seek reimbursement for equipment use. FEMA current equipment reimbursement rates (Attachment 2) dropped 6.6% from the last approved rates in 2015. The OCFA helicopter rates were calculated using the four-year average on operating costs. The rate for the Bell Super Huey helicopter (acquired as federal excess property and placed in service in 1996) increased by 29.5% as average flight hours decreased, while operating costs such as maintenance and depreciation increased. The Bell 412 helicopter rate decreased by 9.5%, due to higher average flight hours with a slight increase of operating costs.

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.

Civilian Position Rates (New for FY 2018/19)

OCFA's task force is comprised of civilian positions of structural engineers, canine specialists, heavy rigging engineers, physicians, affiliate members, as well as firefighters from the participating agencies of Anaheim, Orange, and the OCFA. Civilian position rates are developed to seek reimbursement for task force members responding to national and regional disasters for search and rescue missions. The reimbursement rate for affiliate members is based on the top step rate for Battalion Chief positions. Other civilian rates are based on the average rates for civilian positions of task forces in California. Civilian position rates are included in the Cal OES reimbursement schedule (Attachment 1B).

Five Years of Reimbursement Activities

The reimbursement of fire and disaster activities for the past five years are listed below:

- FY 2013/14: \$4.7 million
- FY 2014/15: \$6.3 million
- FY 2015/16: \$8.3 million
- FY 2016/17: \$9.6 million
- FY 2017/18: \$14.1 million YTD as of the first week of April 2018

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 them for the following activity or program:

- 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, 2018

CLASSIFICATION	2017/18 ADOPTED RATES	2018/19 PROPOSED RATE with ICRP	\$ CHANGE	% CHANGE
SUPPRESSION PERSONNEL				
FIRE DIVISION CHIEF	\$157.30	\$170.96	\$13.66	8.68%
FIRE BATTALION CHIEF (SHIFT)	\$96.73	\$107.02	\$10.29	10.64%
FIRE BATTALION CHIEF (STAFF)	\$136.37	\$148.51	\$12.14	8.90%
FIRE CAPTAIN (FC)	\$72.20	\$79.78	\$7.57	10.49%
FC/HAZMAT	\$78.09	\$84.37	\$6.28	8.04%
FC/HAZMAT PARAMEDIC	\$85.94	\$90.49	\$4.55	5.29%
FC/HAZMAT SPECIALIST	\$80.05	\$85.90	\$5.84	7.30%
FC/PARAMEDIC	\$83.98	\$88.96	\$4.98	5.93%
FC/TECH RESCUE TRUCK	\$78.09	\$84.37	\$6.28	8.04%
FIRE APPARATUS ENGINEER (FAE)	\$62.68	\$68.23	\$5.55	8.85%
FAE/HAZMAT	\$68.57	\$72.82	\$4.25	6.20%
FAE/HAZMAT PARAMEDIC	\$76.42	\$78.94	\$2.52	3.30%
FAE/HAZMAT SPECIALIST	\$70.53	\$74.35	\$3.82	5.41%
FAE/PARAMEDIC	\$74.46	\$77.41	\$2.95	3.97%
FAE/TECH RESCUE TRUCK	\$68.57	\$72.82	\$4.25	6.20%
FIREFIGHTER (FF)	\$53.88	\$57.87	\$3.98	7.39%
FF/HAZMAT	\$59.77	\$62.46	\$2.69	4.49%
FF/HAZMAT PARAMEDIC	\$67.62	\$68.58	\$0.96	1.41%
FF/HAZMAT SPECIALIST	\$61.74	\$63.99	\$2.25	3.65%
FF/PARAMEDIC	\$65.66	\$67.05	\$1.39	2.12%
FF/TECH RESCUE TRUCK	\$59.77	\$62.46	\$2.69	4.49%
HAND CREW (FIREFIGHTER)	\$37.45	\$41.10	\$3.65	9.74%
HAND CREW SUPERVISOR (FIRE CAPTAIN)	\$73.65	\$80.40	\$6.75	9.16%
HAND CREW SUPERVISOR (FIRE APP. ENGINEER)	\$62.90	\$68.68	\$5.77	9.18%
HAND CREW SUPERVISOR (FIREFIGHTER)	\$56.09	\$61.22	\$5.14	9.16%
HEAVY FIRE EQUIPMENT OPERATOR	\$97.71	\$111.04	\$13.33	13.64%
FIRE PILOT	\$73.65	\$80.38	\$6.73	9.14%
LEAD FIRE PILOT	\$81.70	\$85.95	\$4.24	5.19%
NON-SUPPRESSION PERSONNEL				
ACCOUNTANT	\$72.65	\$72.48	(\$0.17)	-0.23%
ASST. IT MANAGER	\$83.92	\$89.10	\$5.18	6.17%
ASST. FIRE APPARATUS TECHNICIAN	\$56.62	\$56.70	\$0.08	0.14%
ASST. FIRE MARSHAL	\$94.23	\$101.17	\$6.94	7.37%
ASST. PURCHASING AGENT	\$75.59	\$84.93	\$9.34	12.36%
BUYER	\$53.10	\$63.15	\$10.05	18.92%
COMMUNICATIONS TECHNICIAN	\$56.02	\$59.92	\$3.90	6.97%
COMMUNICATIONS SERVICE SUPERVISOR	n/a	\$79.54	n/a	n/a
EMERGENCY COMM CENTER MANAGER	n/a	\$72.24	n/a	n/a
FINANCE MANAGER	\$97.61	\$101.06	\$3.45	3.54%
FIRE APPARATUS TECHNICIAN	\$62.76	\$69.97	\$7.21	11.49%
FIRE COMM RELAT/ED SPECIALIST	\$59.56	\$66.92	\$7.36	12.37%
FIRE COMM RELAT/ED SUPERVISOR	\$67.02	\$79.63	\$12.61	18.82%
FIRE COMMUNICATIONS DISPATCHER	\$63.73	\$65.63	\$1.90	2.98%
FIRE COMMUNICATIONS SUPERVISOR	\$71.35	\$77.26	\$5.91	8.28%
FIRE EQUIPMENT TECHNICIAN	\$36.90	\$40.98	\$4.08	11.04%
FIRE HELICOPTER TECHNICIAN	\$77.70	\$83.86	\$6.16	7.93%
FIRE PREVENTION ANALYST	\$89.37	\$96.12	\$6.75	7.55%
FIRE PREVENTION SPECIALIST	\$65.43	\$75.45	\$10.02	15.31%
FLEET SERVICES COORDINATOR	\$76.39	\$81.50	\$5.11	6.69%
FLEET SERVICES SUPERVISOR	\$79.17	\$85.42	\$6.25	7.89%
GENERAL LABORER	\$33.00	\$35.28	\$2.28	6.90%
GIS ANALYST	\$79.97	\$101.27	\$21.30	26.63%

(1)

ORANGE COUNTY FIRE AUTHORITY
COST REIMBURSEMENT RATES FOR ALL BILLING AGENCIES (EXCEPT CAL OES)
PERSONNEL
EFFECTIVE JULY 1, 2018

CLASSIFICATION	2017/18 ADOPTED RATES	2018/19 PROPOSED RATE with ICRP	\$ CHANGE	% CHANGE
GIS SUPERVISOR	n/a	\$109.60	n/a	n/a
INFORMATION TECHNOLOGY ANALYST	\$90.67	\$101.30	\$10.63	11.73%
INFORMATION TECHNOLOGY SPECIALIST	n/a	\$75.01	n/a	n/a
INFORMATION TECHNOLOGY SUPERVISOR	\$117.74	\$125.53	\$7.79	6.62%
INFORMATION TECHNOLOGY TECHNICIAN	n/a	\$73.32	n/a	n/a
MEDICAL DIRECTOR	\$91.60	\$101.06	\$9.46	10.33%
PURCHASING MANAGER	\$91.60	\$94.84	\$3.24	3.53%
RESERVE FIREFIGHTER	\$1.90	\$2.06	\$0.16	8.52%
RISK MANAGEMENT ANALYST	n/a	\$73.99	n/a	n/a
RISK MANAGEMENT SAFETY OFFICER	n/a	\$73.99	n/a	n/a
SERVICE CENTER LEAD	\$70.44	\$75.11	\$4.67	6.63%
SERVICE CENTER SUPERVISOR	\$83.98	\$90.56	\$6.58	7.84%
SR. ACCOUNTANT	\$69.66	\$73.13	\$3.47	4.98%
SR. ACCT. SUPPORT SPEC.	n/a	\$38.80	n/a	n/a
SR. COMMUNICATIONS TECHNICIAN	\$70.15	\$65.31	(\$4.84)	-6.89%
SR. FIRE APPARATUS TECHNICIAN	\$63.12	\$70.69	\$7.57	11.99%
SR. FIRE COMMUNICATIONS SUPV.	\$80.72	\$86.10	\$5.38	6.66%
SR. FIRE EQUIPMENT TECHNICIAN	\$54.35	\$58.89	\$4.54	8.36%
SR. FIRE HELICOPTER TECHNICIAN	\$84.49	\$91.14	\$6.65	7.87%
SR. FIRE PREVENTION SPECIALIST	\$85.09	\$90.78	\$5.69	6.69%
SR. INFO TECHNOLOGY ANALYST	\$97.25	\$108.31	\$11.06	11.37%
WILDLAND RESOURCE PLANNER	\$82.67	\$81.26	(\$1.41)	-1.70%

MUTUALLY BENEFICIAL RATES:				
HAND CREW (FIREFIGHTER)	\$19.93	\$21.18	\$1.25	6.27%
HAND CREW SUPERVISOR (STAFF FIRE CAPTAIN)	\$38.72	\$41.43	\$2.71	7.00%
HAND CREW SUPERVISOR (STAFF FIRE APP. ENGINEER)	\$33.96	\$35.39	\$1.43	4.21%
HAND CREW SUPERVISOR (STAFF FIREFIGHTER)	\$30.28	\$31.55	\$1.27	4.19%
HEAVY FIRE EQUIPMENT OPERATOR	\$52.00	\$57.22	\$5.22	10.04%
SWAMPER/HAND CREW FF	\$19.93	\$21.18	\$1.25	6.27%

Note:

1 EMT specialty pay (\$\$1.09/hr) is included in Hand Crew FF average rate

ORANGE COUNTY FIRE AUTHORITY
COST REIMBURSEMENT RATES FOR CAL OES BILLINGS ONLY
PERSONNEL
EFFECTIVE JULY 1, 2018

CLASSIFICATION	2017/18 ADOPTED RATE					2018/19 PROPOSED RATE	\$ CHANGE	% CHANGE
SUPPRESSION POSITIONS								
FIRE DIVISION CHIEF	\$157.30					\$170.96	\$13.66	8.68%
FIRE BATTALION CHIEF	\$116.55					\$127.76	\$11.21	9.62%
FIRE CAPTAIN	\$79.76					\$85.69	\$5.93	7.44%
FIRE APPARATUS ENGINEER	\$66.94					\$72.29	\$5.35	7.98%
FIREFIGHTER	\$60.81					\$63.47	\$2.66	4.38%
HAND CREW (FIREFIGHTER)	\$37.45					\$41.10	\$3.65	9.75%
HAND CREW SUPERVISOR (FIRE CAPTAIN)	\$73.65					\$80.40	\$6.75	9.16%
HAND CREW SUPERVISOR (FIRE APP. ENGINEER)	\$62.90					\$68.68	\$5.78	9.18%
HAND CREW SUPERVISOR (FIREFIGHTER)	\$56.09					\$61.22	\$5.13	9.15%
HEAVY FIRE EQUIPMENT OPERATOR	\$97.71					\$111.04	\$13.33	13.64%
FIRE PILOT	\$73.65					\$80.38	\$6.73	9.13%
LEAD FIRE PILOT	\$81.70					\$85.95	\$4.25	5.20%
NON-SUPPRESSION POSITIONS								
CLASSIFICATION	2017/18 ADOPTED REGULAR RATE	2018/19 PROPOSED REGULAR RATE	\$ CHANGE	% CHANGE	2017/18 ADOPTED OT RATE	2018/19 PROPOSED OT RATE	\$ CHANGE	% CHANGE
ACCOUNTANT	\$71.01	\$70.81	(\$0.20)	-0.29%	\$72.65	\$72.48	(\$0.17)	-0.23%
ASST. IT MANAGER	\$127.47	\$135.03	\$7.56	5.93%	\$83.92	\$89.10	\$5.18	6.17%
ASST. FIRE APPARATUS TECHNICIAN	\$57.33	\$57.47	\$0.14	0.24%	\$56.62	\$56.70	\$0.08	0.14%
ASST. PURCHASING AGENT	\$73.59	\$81.75	\$8.16	11.09%	\$75.59	\$84.93	\$9.34	12.36%
ASST. FIRE MARSHAL	\$90.02	\$96.03	\$6.01	6.67%	\$94.23	\$101.17	\$6.94	7.37%
BUYER	\$53.78	\$62.59	\$8.81	16.38%	\$53.10	\$63.15	\$10.05	18.92%
COMMUNICATIONS TECHNICIAN	\$56.35	\$59.77	\$3.42	6.06%	\$56.02	\$59.92	\$3.90	6.97%
COMMUNICATIONS SERVICES SUPERVISOR	n/a	\$77.00	n/a	n/a	n/a	\$79.54	n/a	n/a
EMERGENCY COMM CENTER MANAGER	n/a	\$112.69	n/a	n/a	n/a	\$72.24	n/a	n/a
FINANCE MANAGER	\$145.62	\$150.89	\$5.27	3.62%	\$97.61	\$101.06	\$3.45	3.54%
FIRE APPARATUS TECHNICIAN	\$62.74	\$69.14	\$6.40	10.20%	\$62.76	\$69.97	\$7.21	11.49%
FIRE COMM RELAT/ED SPECIALIST	\$59.47	\$65.91	\$6.44	10.83%	\$59.56	\$66.92	\$7.36	12.37%
FIRE COMM RELAT/ED SUPERVISOR	\$66.05	\$77.09	\$11.04	16.71%	\$59.56	\$79.63	\$20.07	33.70%
FIRE COMMUNICATIONS DISPATCHER	\$63.15	\$64.78	\$1.63	2.58%	\$63.76	\$65.63	\$1.87	2.93%
FIRE COMMUNICATIONS SUPV.	\$69.86	\$75.01	\$5.15	7.37%	\$71.35	\$77.26	\$5.91	8.28%
FIRE EQUIPMENT TECHNICIAN	\$39.96	\$43.65	\$3.69	9.24%	\$36.90	\$40.98	\$4.08	11.04%
FIRE HELICOPTER TECHNICIAN	\$75.90	\$81.34	\$5.44	7.17%	\$77.70	\$83.86	\$6.16	7.93%
FIRE PREVENTION ANALYST	\$85.73	\$91.58	\$5.85	6.83%	\$89.37	\$96.12	\$6.75	7.55%
FIRE PREVENTION SPECIALIST	\$64.64	\$73.40	\$8.76	13.55%	\$65.43	\$75.45	\$10.02	15.31%
FLEET SERVICES COORDINATOR	\$74.30	\$78.73	\$4.43	5.96%	\$76.39	\$81.50	\$5.11	6.69%
FLEET SERVICES SUPERVISOR	\$77.18	\$82.70	\$5.52	7.16%	\$79.17	\$85.42	\$6.25	7.89%
GENERAL LABORER	\$36.52	\$38.63	\$2.11	5.79%	\$33.00	\$35.28	\$2.28	6.90%
GIS ANALYST	\$77.45	\$96.10	\$18.65	24.08%	\$79.97	\$101.27	\$21.30	26.63%
GIS SUPERVISOR	n/a	\$103.43	n/a	n/a	n/a	\$109.60	n/a	n/a
INFORMATION TECHNOLOGY ANALYST	\$86.88	\$96.14	\$9.26	10.66%	\$90.67	\$101.30	\$10.63	11.73%
INFORMATION TECHNOLOGY SPECIALIST	n/a	\$72.81	n/a	n/a	n/a	\$75.01	n/a	n/a
INFORMATION TECHNOLOGY SUPERVISOR	\$110.73	\$117.44	\$6.71	6.06%	\$117.74	\$125.53	\$7.79	6.62%
INFORMATION TECHNOLOGY TECHNICIAN	n/a	\$71.33	n/a	n/a	n/a	\$73.32	n/a	n/a
MEDICAL DIRECTOR	\$137.65	\$150.89	\$13.24	9.62%	\$91.60	\$101.06	\$9.46	10.33%
PURCHASING MANAGER	\$137.65	\$142.65	\$5.00	3.63%	\$91.60	\$94.84	\$3.24	3.54%
RESERVE FIREFIGHTER	\$2.81	\$1.50	(\$1.31)	-46.47%	\$1.90	\$2.06	\$0.16	8.53%
RISK MANAGEMENT ANALYST	n/a	\$115.02	n/a	n/a	n/a	\$73.99	n/a	n/a
RISK MANAGEMENT SAFETY OFFICER	n/a	\$115.02	n/a	n/a	n/a	\$73.99	n/a	n/a
SERVICE CENTER LEAD	\$69.06	\$73.12	\$4.06	5.88%	\$70.44	\$75.11	\$4.67	6.63%
SERVICE CENTER SUPERVISOR	\$81.42	\$87.24	\$5.82	7.14%	\$83.98	\$90.56	\$6.58	7.84%
SR. ACCOUNTANT	\$108.54	\$113.86	\$5.32	4.90%	\$69.66	\$73.13	\$3.47	4.98%
SR. ACCT. SUPPORT SPEC.	n/a	\$58.24	n/a	n/a	n/a	\$38.80	n/a	n/a
SR. COMMUNICATIONS TECHNICIAN	\$68.80	\$64.50	(\$4.30)	-6.25%	\$70.15	\$65.31	(\$4.84)	-6.89%
SR. FIRE APPARATUS TECHNICIAN	\$63.05	\$69.77	\$6.72	10.65%	\$63.12	\$70.69	\$7.57	11.99%

ORANGE COUNTY FIRE AUTHORITY
COST REIMBURSEMENT RATES FOR CAL OES BILLINGS ONLY
PERSONNEL
EFFECTIVE JULY 1, 2018

CLASSIFICATION	2017/18 ADOPTED RATE					2018/19 PROPOSED RATE	\$ CHANGE	% CHANGE
SR. FIRE COMMUNICATIONS SUPV.	\$78.11	\$82.77	\$4.66	5.97%	\$80.72	\$86.10	\$5.38	6.66%
SR. FIRE EQUIPMENT TECHNICIAN	\$55.32	\$59.39	\$4.07	7.36%	\$54.35	\$58.89	\$4.54	8.36%
SR. FIRE HELICOPTER TECHNICIAN	\$81.89	\$87.73	\$5.84	7.14%	\$84.49	\$91.14	\$6.65	7.87%
SR. FIRE PREVENTION SPECIALIST	\$81.96	\$86.89	\$4.93	6.01%	\$85.09	\$90.78	\$5.69	6.69%
SR. INFO TECHNOLOGY ANALYST	\$92.68	\$102.30	\$9.62	10.38%	\$97.25	\$108.31	\$11.06	11.37%
WILDLAND RESOURCE PLANNER	\$79.84	\$78.52	(\$1.32)	-1.65%	\$82.67	\$81.26	(\$1.41)	-1.70%

CIVILIAN POSITIONS

AFFILIATED MEMBER	n/a					\$55.93	n/a	n/a
CANINE SPECIALIST	n/a					\$37.50	n/a	n/a
DOCTOR	n/a					\$90.38	n/a	n/a
HEAVY RIGGING SPECIALIST	n/a					\$40.00	n/a	n/a
METEOROLOGIST	n/a					\$41.60	n/a	n/a
STRUCTURE SPECIALIST	n/a					\$70.95	n/a	n/a

Notes:

- 1 Adjustment to management positions to reflect overtime as straight time rather than 1.5 x hourly rate.
- 2 HazMat (\$2.37/hr), HazMat Paramedic (\$5.52/hr), HazSpecialist (\$3.16/hr), Paramedic (\$4.73/hr), and Tech Rescue Truck (\$2.37/hr) specialty pays are now included in the FC, FAE, and FF average rates per Cal OES approved methodology.
- 3 EMT specialty pay (\$1.09/hr) is included in Hand Crew FF average rate

**ORANGE COUNTY FIRE AUTHORITY
COST REIMBURSEMENT RATES
EQUIPMENT
EFFECTIVE JULY 1, 2018**

DESCRIPTION	2017/18 RATE	2018/19 RATE	\$ CHANGE	% CHANGE	SOURCE	Hourly / Daily
TYPE 1 ENGINE	\$91.00	\$78.90	(\$12.10)	-13.30%	FEMA	Hourly
TYPE 2 ENGINE	\$80.00	\$68.00	(\$12.00)	-15.00%	FEMA	Hourly
TYPE 3 ENGINE	\$80.00	\$68.00	(\$12.00)	-15.00%	FEMA	Hourly
TRUCK/QUINT	\$91.00	\$78.90	(\$12.10)	-13.30%	FEMA	Hourly
AIR/LIGHT UTILITY	\$29.00	\$23.84	(\$5.16)	-17.79%	FEMA	Hourly
AIRPORT CRASH UNIT	\$91.00	\$78.90	(\$12.10)	-13.30%	FEMA	Hourly
CHIPPER	\$25.00	\$24.31	(\$0.69)	-2.76%	FEMA	Hourly
COMPACT TRACK LOADER	\$26.50	\$36.05	\$9.55	36.04%	FEMA	Hourly
CREW CARRYING VEHICLE	\$21.75	\$20.95	(\$0.80)	-3.68%	FEMA	Hourly
DOZER MODULE (DOZER+TRANSPORT)	\$145.75	\$160.64	\$14.89	10.22%	FEMA	Hourly
DOZER TRAILER	\$14.00	\$15.50	\$1.50	10.71%	FEMA	Hourly
DOZER TENDER	\$26.00	\$17.65	(\$8.35)	-32.12%	FEMA	Hourly
DUMP TRUCK	\$77.25	\$75.50	(\$1.75)	-2.27%	FEMA	Hourly
FIRE COMMAND UNIT	\$21.75	\$20.95	(\$0.80)	-3.68%	FEMA	Hourly
FUEL TENDER	\$36.75	\$28.70	(\$8.05)	-21.90%	FEMA	Hourly
GRADER	\$54.50	\$46.50	(\$8.00)	-14.68%	FEMA	Hourly
LOADER	\$44.00	\$43.85	(\$0.15)	-0.34%	FEMA	Hourly
MEDIC UNIT	\$96.00	\$96.00	\$0.00	0.00%	Cal OES	Daily
MECHANIC SERVICE TRUCK	\$96.00	\$96.00	\$0.00	0.00%	Cal OES	Daily
PATROL UNIT (Type 6/ Swift Water Rescue)	\$80.00	\$68.00	(\$12.00)	-15.00%	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	\$36.75	\$28.70	(\$8.05)	-21.90%	FEMA	Hourly
OTHER (3/4 ton and above)	\$96.00	\$96.00	\$0.00	0.00%	Cal OES	Daily
HAZMAT (Unit 4)	\$91.00	\$78.90	(\$12.10)	-13.30%	FEMA	Hourly
HAZMAT (Unit 79)	\$91.00	\$78.90	(\$12.10)	-13.30%	FEMA	Hourly
HAZMAT (Unit 204)	\$24.25	\$20.60	(\$3.65)	-15.05%	FEMA	Hourly
HELICOPTER - BELL SUPER HUEY (1)	\$1,082.03	\$1,400.77	\$318.74	29.46%	OCFA	Hourly
HELICOPTER - BELL 412 (1)	\$3,863.12	\$3,494.50	(\$368.62)	-9.54%	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.



Orange County Fire Authority
AGENDA STAFF REPORT

Budget and Finance Committee Meeting
May 9, 2018

Agenda Item No. 4A
Discussion Calendar

Proposed Adjustment – Santa Ana Service Charge

Contact(s) for Further Information

Lori Zeller, Assistant Chief lorizeller@ocfa.org 714.573.6020
Business Services Department

Jim Ruane, Finance Manager/Auditor jimruane@ocfa.org 714.573.6304

Summary

This agenda item is submitted for approval to adjust the City of Santa Ana's cash contract service charge to exclude OCFA's accelerated pension liability payments, since the accelerated payments are for OCFA's pension liability, which accrued prior to Santa Ana becoming a member of OCFA.

Prior Board/Committee Action

Not Applicable.

RECOMMENDED ACTION(S)

Review the proposed agenda item and direct staff to place the item on the agenda for the Board of Directors meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Board of Directors approve and authorize staff to adjust the City of Santa Ana's service charge to exclude the impact of OCFA's Accelerated Pension Payments from FY 2015/16 forward.

Impact to Cities/County

The proposed adjustment is only applicable to the City of Santa Ana. OCFA's seven other cash contract cities were members during the time the OCFA's unfunded liability developed, and therefore, their service charges will continue to include costs associated with the previously accrued pension liability.

Fiscal Impact

The total proposed adjustment for FY 2015/16, 2016/17, and 2017/18 is \$1,261,605 or 1.12% of the total contract charges to the City for these years. The portion of the adjustment impacting FY 2015/16 and 2016/17 may be an audit finding as a prior period adjustment in the OCFA's financial statements.

Background

When the City of Santa Ana joined OCFA in 2012, the City's initial contract service charge appropriately excluded all OCFA costs associated with its accrued pension liability. This is because when a new city joins OCFA, the city retains responsibility for its previously accrued pension liability with the Public Employees Retirement System, and the city begins accruing new liability for the new service performed under OCFA on a go-forward basis. The normal ongoing pension liability that accrues for all members as services are being performed is termed "normal costs." Normal costs are funded in the budgetary line item that OCFA routinely pays for retirement.

In addition to routine retirement payments, the OCFA adopted an “Accelerated Pension Paydown Plan” in 2013 to expedite payment of its unfunded actuarially accrued liability (UAAL). This UAAL was developed prior to Santa Ana becoming a member of OCFA.

Identified Need for Adjustment

In recent months, the OCFA has been working on a service proposal for Garden Grove. Like Santa Ana, the proposed contract cost to Garden Grove excludes all costs associated with OCFA’s UAAL. While reviewing past increases to OCFA’s existing cash contract members in preparation for the Garden Grove proposal, staff identified a justifiable cause to revise our method for processing increases to Santa Ana, specifically in relation to accelerated payments of the OCFA’s UAAL.

The OCFA has a longstanding method for calculating annual increases to cash contract cities. The calculation method initially captures all budgetary cost increases that have occurred, since the prior year’s calculated charges, and then carefully excludes certain costs that are not applicable to contract cities. Examples of excluded costs are grant funded expenses, fee funded expenses, and expenses specifically applicable to structural fire fund (SFF) members (such as property tax studies, property tax collection administrative fees, and added staffing in a SFF city).

This standard adjustment method was applied to Santa Ana’s annual contract charge in the same consistent manner as our seven other contract cities, since they joined in April 2012. However, the subsequent adoption of the Accelerated Pension Paydown Plan introduced additional cost increases into the annual charges for contract cities, which we now believe should be excluded from the method for charging Santa Ana (and Garden Grove, should they choose to join OCFA).

Proposed Adjustment

The initial years of the Accelerated Pension Paydown Plan included one-time payments that did not impact cash contract charges. Accelerated payments began impacting the contract charges in FY 2015/16, with the proposed adjustment to Santa Ana’s charge as follows:

FY	Service Charge Processed	Adjusted Service Charge	Proposed Adjustment Value	Adjustment % of Processed Charge	Method for Adjusting
15/16	36,698,594	36,350,893	347,701	0.95%	Refund or credit on future invoices
16/17	37,172,006	36,725,307	446,699	1.20%	Refund or credit on future invoices
17/18	38,845,152	38,377,946	467,206	1.20%	Refund or credit on future invoices
Total Proposed Adjustment			\$1,261,605	1.12%	

If this Committee approves the recommended action, the amount listed as Santa Ana’s service charge in today’s Budget and Finance Committee’s FY 2018/19 Proposed Budget book will be adjusted down by \$488,230 (from \$40,593,184 to \$40,104,954) in the Proposed Budget book presented to the Board of Directors on May 24, 2018.

Attachment(s)

None.



Orange County Fire Authority
AGENDA STAFF REPORT

Budget and Finance Committee Meeting
May 9, 2018

Agenda Item No. 4B
Discussion Calendar

Rosenow Spevacek Group, Inc. (RSG)
Final Property Tax Revenue Projections

Contact(s) for Further Information

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Deborah Gunderson, Budget Manager Treasury & Financial Planning	deborahgunderson@ocfa.org	714.573.6302
Alma Penalosa, Budget Analyst	almapenalosa@ocfa.org	714.573.6310

Summary

This item is submitted to provide the Rosenow Spevacek Group, Inc. (RSG) final report on five-year property tax revenue projections.

Prior Board/Committee Action

Not Applicable.

RECOMMENDED ACTION(S)

Receive and file.

Impact to Cities/County

Since property taxes account for approximately 66% of OCFA's General Fund revenue, these projections impact the level of financial resources available to provide operational resources to OCFA's member cities and the county.

Fiscal Impact

The fiscal impact of these projections is described in a separate agenda item, titled "Review of the Fiscal Year 2018/19 Proposed Budget."

Background

The Orange County Fire Authority has contracted with the firm of RSG for over twenty years to project the anticipated Structural Fire Fund (SFF) property tax revenues from our fifteen (15) structural fire fund cities and the County unincorporated areas. These projections are used for long-term financial planning and budgeting.

RSG's methodology for projection of SFF property tax is to use the last fiscal year assessed valuations and tax rates as the base to which the annual inflationary factor (capped at 2.0%) is applied. To this, RSG adjusts for taxable valuation from permitted and anticipated development, estimates for projects approved or under review, and resales that occurred in the last year.

On November 30, 2017, the Board of Equalization set the statewide inflationary rate at the cap of 2.0%, applicable to FY 2017/18 revenue. In addition, for all the SFF jurisdictions, the resale of existing properties, Proposition 8 value re-captures, and new construction has resulted in positive gains in valuation.

Together, the statewide appreciation rate along with their analysis of economic data, led RSG to set the FY 2018/19 growth factor at 2.0% to which the new construction, approved projects and all the other factors discussed as part of the methodology were added, generating the FY 2018/19 forecasted secured property tax growth of 6.11%. For the outer years, RSG anticipates secured property tax revenues to grow by 5.50% in FY 2019/20, 3.46% in FY 2020/21, 3.43% in FY 2021/22, and 3.54% in FY 2022/23. RSG factored in the effects of last year's federal tax reform on future years projections noting that it could contribute to a slower growth rate. However, it is not anticipated to affect property tax growth in FY 2018/19 as the factors that affect FY 2018/19 occurred before the legislation was enacted. Additionally, as seen by RSG's rates for outlying years home prices are not expected to fall due primarily to critically low housing supply in Orange County.

The bulk of unsecured value is comprised of business property. These assets are more susceptible to variations in valuation, and they can be moved from one jurisdiction to another; therefore, although unsecured values increased by 9.42% in FY 2017/18 overall (with some jurisdictions showing an increase and others showing a decrease), RSG projects unsecured property tax revenue to remain unchanged during the forecast years.

Attachment(s)

1. Historical Trends in RSG Secured Property Tax Revenue Growth Projections vs. Actual Secured Property Tax Growth
2. Five-Year Revenue Projections for OCFA Fire Fund Jurisdictions

Historical Trends in RSG Secured Property Tax Revenue Growth Projections
vs. Actual Secured Property Tax Growth

	FY 05/06	FY 06/07	FY 07/08	FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	17/18
2005 Report	8.29%	5.07%	4.24%	4.48%	3.84%								
2006 Report		9.24%	5.65%	9.40%	8.91%	7.29%							
2007 Report			6.68%	7.46%	8.64%	8.58%	5.72%						
2008 Report				5.10%	3.38%	3.82%	4.04%	4.62%					
2009 Report					0.16%	1.28%	1.12%	2.84%	3.34%				
2010 Report						-2.27%	-0.77%	0.39%	1.41%	2.41%			
2011 Report							-0.08%	1.13%	2.70%	4.27%	4.27%		
2012 Report								0.71%	1.25%	2.43%	2.43%	3.84%	
2013 Report									2.99%	3.02%	3.02%	4.18%	4.37%
2014 Report										3.38%	3.38%	3.75%	3.45%
2015 Report											5.11%	4.93%	4.92%
2016 Report												4.57%	4.17%
2017 Report													5.49%
Actual	11.33%	10.81%	10.62%	3.22%	-2.21%	-0.89%	0.94%	1.83%	4.04%	6.98%	7.71%	5.92%	6.39% *
Difference	3.04%	1.57%	3.94%	-1.88%	-2.37%	1.38%	1.02%	1.12%	1.05%	3.60%	2.60%	0.80%	1.20%

* - Estimated based on actual receipts received through April, 2018.

Historical Trends in Budgeted Secured Property Tax Revenue Based on RSG Projections vs. Actual Secured Property Tax Receipts (\$ in millions)												
	FY 06/07	FY 07/08	FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18
2005 Report	\$139.2	\$145.0	\$151.4	\$157.1								
2006 Report	\$149.3	\$157.7	\$172.3	\$187.5	\$201.0							
2007 Report		\$162.3	\$174.3	\$189.2	\$205.2	\$216.8						
2008 Report			\$175.4	\$181.3	\$188.1	\$195.6	\$204.6					
2009 Report				\$172.5	\$174.8	\$176.7	\$181.7	\$187.8				
2010 Report					\$165.7	\$164.4	\$165.0	\$167.4	\$171.4			
2011 Report						\$168.4	\$170.2	\$174.8	\$182.3	\$182.3		
2012 Report							\$171.0	\$173.2	\$177.4	\$184.2	\$184.2	
2013 Report								\$177.7	\$183.1	\$190.7	\$199.0	\$207.3
2014 Report									\$185.5	\$191.8	\$199.0	\$205.8
2015 Report										\$202.3	\$212.3	\$222.7
2016 Report											\$215.6	\$224.6
2017 Report												\$230.4
Actual	\$151.9	\$168.1	\$173.5	\$169.7	\$168.2	\$169.8	\$172.9	\$179.8	\$192.4	\$207.2	\$219.5	\$233.6 *
Difference	\$2.6	\$5.8	(\$1.9)	(\$2.8)	\$2.5	\$1.4	\$1.9	\$2.1	\$6.9	\$4.9	\$3.9	\$3.2

* - Estimated based on actual receipts received through March 31, 2018.

**ORANGE COUNTY FIRE AUTHORITY
1 FIRE AUTHORITY ROAD, IRVINE, CA 92602**



**ORANGE COUNTY FIRE AUTHORITY
STRUCTURAL FIRE FUND**

**2017-18 FIVE YEAR PROPERTY TAX REVENUE
PROJECTIONS REPORT**

April 2, 2018



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INTRODUCTION & REVENUE SUMMARY

Disclaimer

In preparation of this Report and the Projections, RSG has attempted to consider all factors that could affect OCFA's ad valorem property tax revenues, pass through revenues, and Excess Revenues from the Jurisdictions. The goal of this Report is to provide OCFA with a forecast of revenue, or estimates of revenue, that can serve as a tool by OCFA for financial planning and budget development. **The revenue projections provided in this Report are not intended to be used for city budgeting forecasting purposes or public financings.** While precautions have been taken to maximize the accuracy of the data, we cannot ensure the accuracy of third-party data sources or that projected valuations will be realized.

The Orange County Fire Authority ("OCFA") has retained the services of RSG, Inc. ("RSG") to prepare five-year property tax revenue projections ("Report" or "Projections"). Table A on the next page summarizes RSG's complete property tax revenue projections through fiscal year 2022-23, incorporating **both the Ad Valorem and Pass Through Revenues**. Total property tax revenues are expected to increase by an average of 4.7% per year over the five-year period from approximately \$253.2 million in fiscal year 2017-18 to approximately \$318.4 million in fiscal year 2022-23.

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

PROJECTED TOTAL REVENUES - FY 2017-18 THROUGH FY 2022-23

TABLE A

JURISDICTION	CURRENT YEAR	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
City of Aliso Viejo	\$ 11,242,937	\$ 11,716,459	\$ 12,134,120	\$ 12,431,492	\$ 12,820,857	\$ 13,162,740
City of Cypress	6,081,985	6,325,394	6,603,940	6,474,083	6,643,927	6,818,443
City of Dana Point	13,821,426	14,501,552	15,266,778	15,657,280	16,077,079	16,604,689
City of Irvine	87,760,522	94,461,723	99,508,848	103,668,335	107,693,389	117,087,617
City of Laguna Hills	6,949,145	7,335,870	7,725,139	7,876,884	8,282,686	8,678,491
City of Laguna Niguel	16,070,368	16,688,186	17,362,289	17,691,743	18,238,679	18,734,436
City of Laguna Woods	3,450,009	3,608,753	3,738,347	3,808,998	3,912,724	4,019,303
City of Lake Forest	16,088,357	17,281,404	18,456,541	19,481,696	20,582,360	21,291,992
City of La Palma	1,924,454	2,010,946	2,078,581	2,144,467	2,226,176	2,301,716
City of Los Alamitos	1,990,701	2,075,167	2,141,605	2,189,841	2,245,659	2,303,012
City of Mission Viejo	18,192,162	19,021,137	19,825,587	20,243,704	20,806,196	21,383,860
City of Rancho Santa Margarita	10,133,553	10,524,595	10,877,372	11,078,984	11,376,336	11,681,865
City of San Juan Capistrano	9,029,208	9,451,297	10,077,417	10,529,040	10,497,811	10,783,150
City of Villa Park	1,787,383	1,864,828	1,936,705	1,973,340	2,027,372	2,082,890
City of Yorba Linda	14,074,471	14,767,322	15,481,114	16,027,501	16,486,690	16,944,306
County Unincorporated	34,584,292	36,567,082	39,423,740	41,027,017	42,161,929	44,499,906
TOTAL PROJECTED PROPERTY TAX REVENUE	\$ 253,180,974	\$ 268,201,714	\$ 282,638,124	\$ 292,304,404	\$ 302,079,872	\$ 318,378,415
% Change in Total Property Tax Revenue	7.44%	5.93%	5.38%	3.42%	3.34%	5.40%

* Growth rates are based on current economic indicators to date and are subject to change.

The Structural Fire Fund (“SFF”) member jurisdictions (“Jurisdictions”), from which OCFA receives a portion of the ad valorem property taxes, include 15 Orange County cities and the County Unincorporated Area. More specifically, the Jurisdictions include:

- | | |
|-----------------|--------------------------------|
| ▪ Aliso Viejo | ▪ La Palma |
| ▪ Cypress | ▪ Los Alamitos |
| ▪ Dana Point | ▪ Mission Viejo |
| ▪ Irvine | ▪ Rancho Santa Margarita |
| ▪ Laguna Hills | ▪ San Juan Capistrano |
| ▪ Laguna Niguel | ▪ Villa Park |
| ▪ Laguna Woods | ▪ Yorba Linda |
| ▪ Lake Forest | ▪ Orange County Unincorporated |

This Report is prepared to assist OCFA in its long-term planning and budgeting process by providing estimates for the current year and a five-year forecast (i.e., fiscal years 2017-18 through 2022-23) of both of the following types of property tax revenues flowing to OCFA within the Jurisdictions:

- OCFA’s potential regular ad valorem property tax revenues (“Ad Valorem Revenues”); and
- Pass through revenues due to OCFA pursuant to negotiated pass through agreements and statutory pass through payments for the redevelopment project areas within the Jurisdictions (“Pass Throughs”), including projected property tax revenues formerly classified as tax increment revenue that are in excess of amounts required to pay pass through payments, administrative costs, and approved enforceable obligations (“Excess Revenues,” together with Pass Throughs described in this Report as “Pass Through Revenues”).

Pass Through Revenues are only available for those Jurisdictions with a former redevelopment agency, which includes:

- | | |
|---------------|--------------------------------|
| ▪ Cypress | ▪ Mission Viejo |
| ▪ Irvine | ▪ San Juan Capistrano |
| ▪ Lake Forest | ▪ Yorba Linda |
| ▪ La Palma | ▪ Orange County Unincorporated |

OCFA has reported receiving Pass Through Revenues from Buena Park as well. Since Buena Park is not an SFF Jurisdiction, RSG believes these revenues are the result of Tax Rate Areas in Buena Park that are associated with the La Palma Redevelopment Project Areas. These revenues equal less than 0.01% of the total Pass Through Revenues. For these reasons, Buena Park’s Pass Through Revenues are not calculated separately and are not expected to impact the Projections materially.

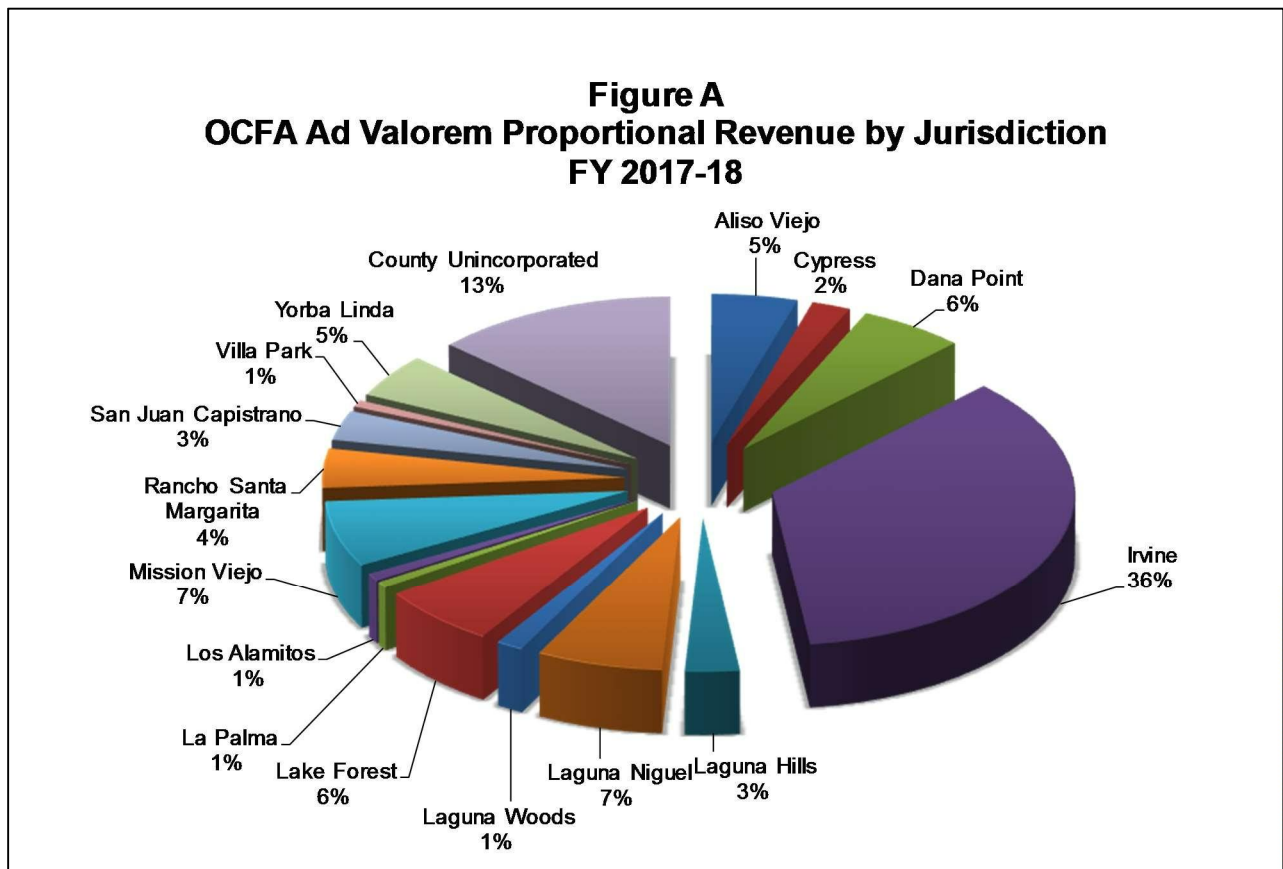
Ad Valorem Revenues

Ad Valorem Revenue projections are projected based upon OCFA's fiscal year 2017-18 effective share of the 1% general tax levy applied to the forecasted change in assessed valuations. Key factors analyzed in this Report that affect future assessed valuations include:

- Real property sales from January 1, 2017 through February 28, 2018;
- New building improvements;
- Proposition 8 reassessments; and
- Applied growth rates.

This analysis excludes revenues from redevelopment project areas except those revenues derived from base year values.

Figure A illustrates the expected proportional share of Ad Valorem Revenue allocated to OCFA from each of the Jurisdictions for fiscal year 2017-18. Of the total Ad Valorem Revenues allocated to OCFA, 49% are generated from the City of Irvine and the County Unincorporated Area.



* Percentages add up to 101% due to rounding.

Table B summarizes the Ad Valorem Revenue projections beginning with fiscal year 2017-18 and ending with fiscal year 2022-23. The Ad Valorem Revenue generally constitutes

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

approximately 95% of the total revenue from the SFF Jurisdictions. Therefore, the increase in total tax revenue during the five-year period is mostly attributable to the increase in Ad Valorem Revenue, from \$241.7 million in fiscal year 2017-18 to \$297.6 million in fiscal year 2022-23.

PROJECTED AD VALOREM REVENUES - FY 2017-18 THROUGH FY 2022-23

TABLE B

JURISDICTION	CURRENT YEAR	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
City of Aliso Viejo	\$ 11,242,937	\$ 11,716,459	\$ 12,134,120	\$ 12,431,492	\$ 12,820,857	\$ 13,162,740
City of Cypress	5,070,401	5,276,966	5,523,717	5,630,949	5,774,014	5,921,013
City of Dana Point	13,821,426	14,501,552	15,266,778	15,657,280	16,077,079	16,604,689
City of Irvine	86,025,009	92,437,002	97,104,605	100,832,584	104,400,211	107,771,463
City of Laguna Hills	6,949,145	7,335,870	7,725,139	7,876,884	8,282,686	8,678,491
City of Laguna Niguel	16,070,368	16,688,186	17,362,289	17,691,743	18,238,679	18,734,436
City of Laguna Woods	3,450,009	3,608,753	3,738,347	3,808,998	3,912,724	4,019,303
City of Lake Forest	15,434,382	16,612,811	17,765,181	18,776,174	19,855,074	20,530,920
City of La Palma	1,598,276	1,665,590	1,719,361	1,750,225	1,795,744	1,842,515
City of Los Alamitos	1,990,701	2,075,167	2,141,605	2,189,841	2,245,659	2,303,012
City of Mission Viejo	16,997,261	17,763,587	18,507,413	18,882,745	19,387,264	19,905,658
City of Rancho Santa Margarita	10,133,553	10,524,595	10,877,372	11,078,984	11,376,336	11,681,865
City of San Juan Capistrano	7,749,858	8,117,348	8,673,861	9,100,846	9,373,584	9,626,714
City of Villa Park	1,787,383	1,864,828	1,936,705	1,973,340	2,027,372	2,082,890
City of Yorba Linda	11,432,809	11,976,355	12,535,897	12,805,373	13,168,034	13,526,124
County Unincorporated	31,906,276	33,713,236	36,457,426	37,988,734	39,003,350	41,232,157
TOTAL PROJECTED PROPERTY TAX REVENUE	\$ 241,659,794	\$ 255,878,306	\$ 269,469,818	\$ 278,476,191	\$ 287,738,667	\$ 297,623,989
% Change in Total Ad Valorem Property Tax Revenue	6.92%	5.88%	5.31%	3.34%	3.33%	3.44%
% Change in Secured Property Tax Revenue	6.82%	6.11%	5.50%	3.46%	3.43%	3.54%
% Change in Unsecured Property Tax Revenue	9.42%	0.00%	0.00%	0.00%	0.00%	0.00%

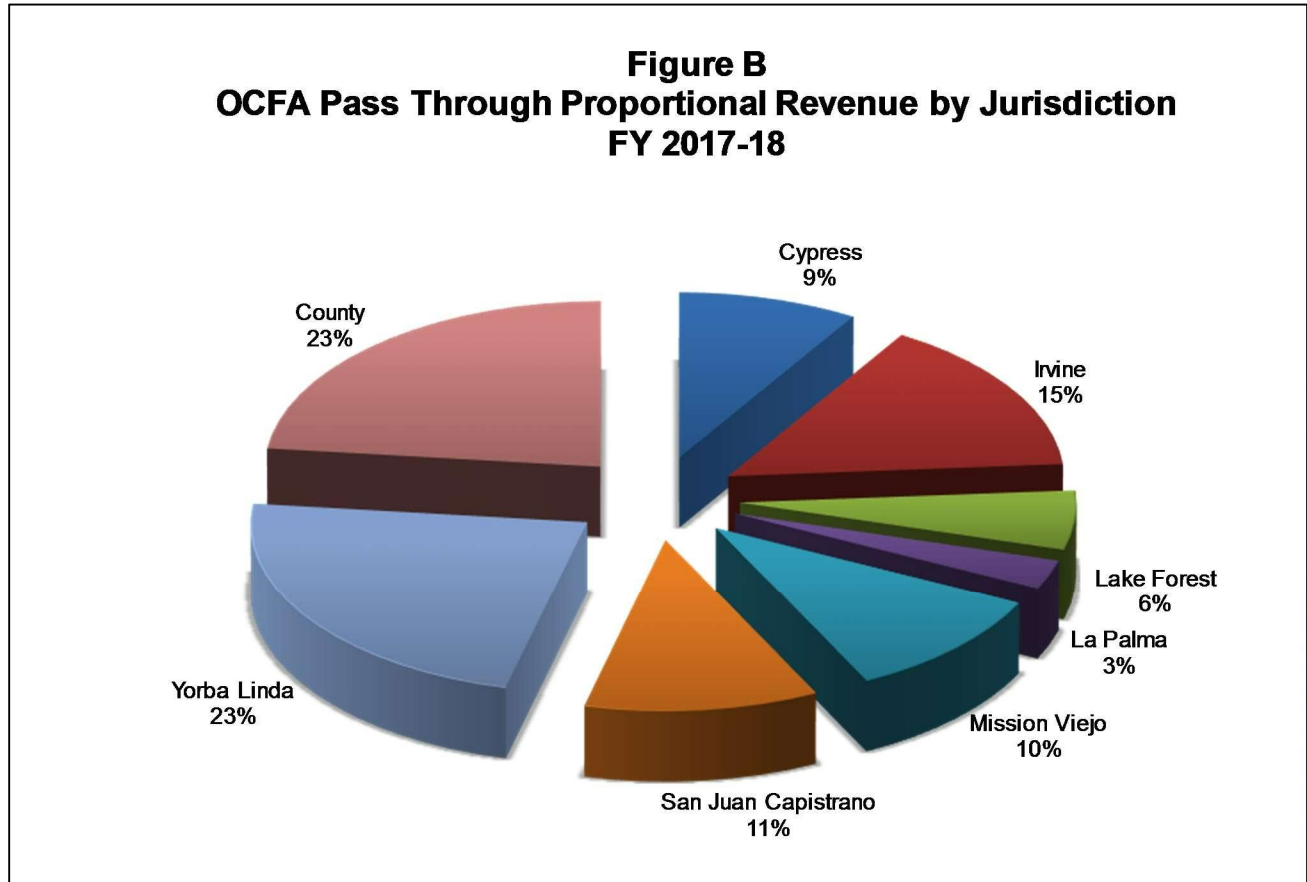
* Growth rates are based on current economic indicators to date and are subject to change.

Pass Through Revenues

Pass Through Revenues are projected based upon the Redevelopment Property Tax Trust Fund ("RPTTF") reports prepared by the Orange County Auditor-Controller's Office ("A/C") that outline total property tax revenues formerly classified as tax increment revenue. The net revenues remaining after enforceable obligations on the redevelopment agencies' Recognized Obligation Payment Schedules ("ROPS") approved by the California Department of Finance ("DOF"), County and State administrative fees, and pass through payments to affected taxing agencies are referred to as "Excess Revenues." These revenues are divided among the affected taxing entities in the same proportion as the ad valorem property tax revenues collected, based on each taxing entity's share of the 1% property tax

levy. Pass Throughs and Excess Revenues are distributed by the A/C twice a year, in January and June, based on the ROPS submitted to DOF the previous February.

Figure B below illustrates the projected proportional share of Pass Through Payments allocated to OCFA during the 2017-18 fiscal year. These revenues include the pass through payments pursuant to negotiated pass through agreements, statutory pass throughs required by sections of the Health and Safety Code, and Excess Revenue payments to OCFA.



Unlike the Ad Valorem Revenues, which correlate closely to total development in a Jurisdiction, Pass Through Revenues depend on the extent and timing of a Jurisdiction's former redevelopment area, agreements negotiated with the former Redevelopment Agency, current outstanding obligations, decisions made by the Jurisdiction's successor agency regarding loan repayments, and DOF's determinations regarding each successor agency's ROPS. Therefore, relatively large contributors to the Ad Valorem Revenues can be relatively small contributors to the Pass Through Revenues and vice versa. As shown in Figure B, in fiscal year 2017-18, Yorba Linda and the County Unincorporated are expected to contribute 46% of the Pass Through Revenues.

Table C summarizes the Pass Through Revenue projections between fiscal years 2017-18 and 2022-23. Pass Through Revenue is projected to increase over the next five years, ranging annually between 3.7% and 7.0% for the first four years, and increasing significantly by 44.7% in fiscal year 2022-23, primarily due to the dissolution of the Irvine Successor Agency in fiscal year 2022-23.

ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS

Projected changes in Pass Through Revenues are driven primarily by the expected timing of successor agencies paying off all remaining obligations (typically bonds and/or loans) and thereafter being dissolved. It is important to note that after successor agencies are dissolved, all property taxes generated within their former redevelopment project areas will be distributed as Ad Valorem revenues. This Report shows those revenues, however, as Excess Revenue to maintain consistency with earlier years and distinguish between revenues generated outside former redevelopment project areas from those generated within the areas. It is also more conservative to show these revenues as Excess Revenue because successor agency obligations are projections and not actuals.

Pass Through Revenues will continue to grow through fiscal year 2021-22 at an average annual rate of 5.6%. The 44.7% growth in Pass Through Revenues in fiscal year 2022-23 is due, above all else, to the expected dissolution of the Irvine Successor Agency in that year.

PROJECTED PASS THROUGH REVENUES - FY 2017-18 THROUGH FY 2022-23

TABLE C

JURISDICTION	CURRENT YEAR	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
City of Cypress	\$ 1,011,584	\$ 1,048,428	\$ 1,080,223	\$ 843,134	\$ 869,914	\$ 897,430
City of Irvine	1,735,513	2,024,721	2,404,243	2,835,751	3,293,178	9,316,153
City of Lake Forest	653,976	668,593	691,360	705,521	727,286	761,073
City of La Palma	326,178	345,357	359,219	394,242	430,433	459,201
City of Mission Viejo	1,194,901	1,257,550	1,318,173	1,360,959	1,418,932	1,478,202
City of San Juan Capistrano	1,279,350	1,333,949	1,403,555	1,428,194	1,124,227	1,156,436
City of Yorba Linda	2,641,662	2,790,967	2,945,217	3,222,128	3,318,656	3,418,182
County Unincorporated	2,678,016	2,853,845	2,966,315	3,038,284	3,158,579	3,267,749
TOTAL PROJECTED PROPERTY TAX REVENUE	\$ 11,521,179	\$ 12,323,408	\$ 13,168,306	\$ 13,828,213	\$ 14,341,206	\$ 20,754,426
% Change in Total Pass Through Revenue	19.8%	7.0%	6.9%	5.0%	3.7%	44.7%

* Growth rates are based on current economic indicators to date and are subject to change.

This Report provides a narrative description and discussion of the approach, methodology, assumptions, and research findings used to prepare the Projections.

The revenue projections contained in this Report detail annual Ad Valorem and Pass Through Revenues that may be generated by each of the Jurisdictions between fiscal year 2017-18 and fiscal year 2022-23.

**ORANGE COUNTY FIRE AUTHORITY
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The following figures and tables are included to support the Report's findings:

Figure/Table	Title	Page
Table A	Projected Total Revenues- FY 2017-18 through FY 2022-23	2
Figure A	Ad Valorem Proportional Revenue by Jurisdiction	4
Table B	Projected Ad Valorem Revenues – FY 2017-18 through FY 2022-23	5
Figure B	Pass Through Proportional Revenue by Jurisdiction	6
Table C	Projected Pass Through Revenues – FY 2017-18 through FY 2022-23	7
Figure C	Historical Changes in Assessed Valuation	14
Table D	FY 2017-18 Effective Tax Rates by Jurisdiction	15
Table E	Projected Valuation from New Construction	17
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Table G	Secured Assessment Appeals	22
Table H	Proportion of Secured Assessed Value Appealed by Land Use Type	22
Table I	Orange County Delinquency, Refund, and Net Change Factor	31
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Appendix	Title	Page
Appendix A: <i>Table 1</i>	Property Tax Revenue Projections	A-1
Appendix B: <i>Table 2</i>	New Value Summary	B-1
Appendix C: <i>Table 3</i>	Property Sales Summary	C-1
Appendix D:	Graphs of Home Sale Prices and Volumes	D-1
Appendix E: <i>Tables 4A-4H</i>	Successor Agency Pass Throughs by Jurisdiction	E-1
Appendix F: <i>Tables 5A-5F</i>	Assessment Appeals by Jurisdiction	F-1

NOTE: Throughout this report, tables and figures that are titled “Orange County Fire Authority” are referring to the Jurisdictions of the Structural Fire Fund. Other tables and figures labeled “Orange County” provide information for the entire Orange County area.

APPROACH & METHODOLOGY

Approach

RSG's approach to developing the Projections involved the steps described below for each revenue type.

Ad Valorem Revenues

- Using actual fiscal year 2017-18 assessed valuations outside of redevelopment project areas and tax rates as the basis for projecting future revenues;
- Adding new taxable valuation from permitted development, anticipated development projects approved or under review, and resales during 2017; and
- Developing and applying annual secured and unsecured assessed valuation growth rates as an estimate of changes in assessed valuation resulting from market factors and the annual inflationary factor (capped at 2% per California Proposition 13).

RSG believes that the growth rates contained in this Report provide realistic projections of OCFA's fiscal year 2017-18 through 2022-23 property tax revenues. To minimize the likelihood of overstating future property tax revenues, RSG integrated conservative assumptions and methodologies where appropriate.

Pass Through Revenues

For all SFF communities that have redevelopment project areas, the following approach was taken:

- The actual fiscal year 2017-18 Secured and Unsecured Assessed Values within redevelopment project areas and the base year assessed value, as reported by the A/C was utilized as a starting point for these projections;
- Assessed values are projected through fiscal year 2022-23 using the same growth rates utilized in the Ad Valorem Revenue projection (and expected development in Irvine's Great Park added to that jurisdiction due to the new development's considerably high value);
- The expected gross Redevelopment Property Tax Trust Fund revenue is calculated based on those assessed values;
- County administrative fees, pass through payments (including OCFA pass through amounts), and enforceable obligations (including the Successor Agency administrative costs) are subtracted from gross RPTTF. Enforceable obligations are based on the two most recent ROPS forms for each jurisdiction, as well as bond documents, contracts, agreements and other documents were reviewed to estimate most accurately the amount and duration of each ROPS obligation; and
- Amount of Excess Revenue remaining after all obligations are paid is determined and OCFA's share of these Excess Revenues is calculated.

Methodology

Ad Valorem Revenues

The following data was researched and analyzed in the preparation of this Report:

- Historical and current assessed valuations and tax revenue data for each Jurisdiction to establish historical trends. Secured, unsecured, and public utility values were gathered using A/C reports for fiscal year 2017-18.
- Redevelopment project area base year assessed valuations were identified and included in the Projections, but intentionally excluded from application of the inflationary growth factors. All incremental assessed valuations from redevelopment project areas ("CRA Increment") were identified and excluded from the Projections (i.e., the Projections of Ad Valorem Revenues do not account for redevelopment agency pass through payments to OCFA).
- Historical property tax delinquency rates were collected from the A/C and tabulated for informational purposes. The OCFA is a Teeter agency, which means it receives property tax revenue based on billed amounts rather than collected amounts. Therefore, no adjustments for delinquencies have been made to the Projections.
- Real property sales activity for each of the Jurisdictions (excluding property transactions in redevelopment project areas) that occurred between January 1, 2017 and February 28, 2018 was collected and analyzed for the estimated change in assessed valuation resulting from the difference between secured assessed value and the new sales price. For property sales with more than one transaction in a calendar year and no sales price in the most recent transaction, the previous sales price was used to project new assessed value. The data was obtained via Metroscan, a product of CoreLogic.
- Data on outstanding and finaled building permits for taxable projects and property improvements not within redevelopment project areas was collected from each SFF Jurisdiction. Improvement valuations provided by the Jurisdictions were added to the base valuations in fiscal years 2018-19 through 2020-21.
- Based on discussions and information received from the Jurisdictions' staff, construction projects commenced and/or completed after January 1, 2017 and corresponding estimated assessed values were identified. In addition, information on approved (entitled) construction projects not yet commenced, as well as potential new development projects still pending review, was collected (excluding projects within redevelopment project areas) along with the estimated value of the development. Due to the discretionary nature of projects in review, construction completion dates and projected assessed values were conservatively estimated by RSG when estimated values were not given by the Jurisdiction's staff.
- Secured and unsecured assessment appeals information from the County of Orange Clerk of the Board ("Clerk of the Board") was collected and analyzed.

- Trended growth rates were developed to estimate annual changes in assessed valuation resulting from changes in the California Consumer Price Index (“CCPI”) and economic factors such as employment, income, consumer and business confidence, and economic activity. Several economic indicators and market factors that influence the annual percentage change in assessed values were researched prior to developing growth rates. Factors include:
 - Information obtained from the Orange County Assessor, Claude Parrish, and staff;
 - 2018 Economic Forecasts from:
 - Chapman University (“Chapman Forecast”),
 - University of California, Los Angeles (“UCLA Forecast”),
 - California State University, Fullerton (“CSUF Forecast”),
 - Los Angeles County Economic Development Corporation, Kyser Center for Economic Research (“LAEDC Forecast”), and
 - California Association of Realtors (“CAR”).
 - Emerging Trends in Real Estate 2018 by the Urban Land Institute (“ULI Forecast”);
 - Standard and Poor’s Case-Shiller Index (“Case-Shiller Index”);
 - Actual change in median home prices within SFF communities between December 2016 and December 2017 and median home prices for Orange County as a whole during this same time period;
 - The latest figures for the CCPI;
 - Assessment appeals (Final Report only); and
 - CBRE MarketView Retail, Industrial, and Office Reports, Third Quarter 2017 (“CBRE Reports”).

Pass Through Revenues

The calculation of Pass Through Revenues was completed utilizing the data available from the sources listed below. The Projections utilize a conservative approach regarding OCFA’s revenues by assuming that successor agencies will request the maximum allowed funding. However, it is possible that enforceable obligations identified by successor agencies will differ. In addition, other factors, such as bond refinancing, legislative changes, DOF’s determinations, and new or renegotiated agreements with taxing entities regarding pass through payments, will alter OCFA’s revenue received from Pass Throughs and Excess Revenue in future years.

The analysis was based upon the review of several data sources, including:

1. Recognized Obligations Payment Schedule (“ROPS”)

Oversight Board-approved ROPS for fiscal year 2017-18 for all SFF Jurisdictions were reviewed to determine enforceable obligations. Additionally, the following documents related to the ROPS were also reviewed:

- DOF determination letters regarding the ROPS, including initial and final determinations (if a Meet and Confer was requested by a successor agency).
- Duration of each enforceable obligation to determine any increase in revenues in future years (up to five years in the future), including any debt service schedules from Official Statements and Continuing Disclosure documents available online for municipal bonds. If a payment schedule was not available (e.g., redevelopment project Owner Participation Agreement or Disposition and Development Agreement), the fiscal year 2017-18 payment amounts, as shown on ROPS 17-18 were assumed to remain constant over the five-year period.

2. RPTTF Reports for Fiscal Year 2017-18

The A/C is charged with providing a report showing former tax increment revenues, administrative expenses, pass through payments, obligations, and excess property tax revenues for each ROPS period.

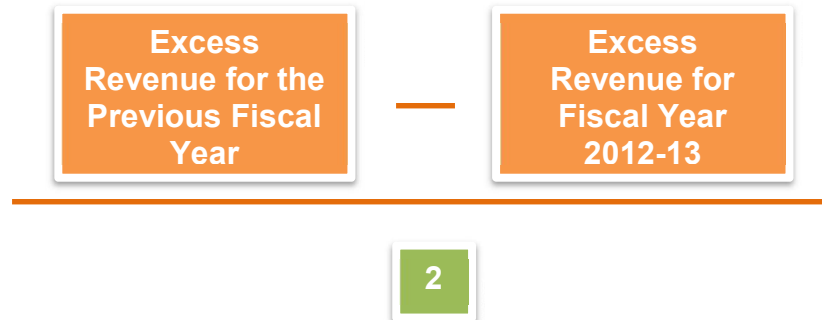
Current law dictates that the A/C provides all calculations related to redevelopment dissolution and makes all pass through payments, RPTTF distributions, and disbursements of excess property tax revenue. These reports were relied on to obtain fiscal year 2017-18 information including:

- Gross RPTTF (tax increment)
- Pass through payments
- All obligations (ROPS payments made to successor agencies)
- Excess Revenues available for distribution to affected taxing entities.

For future years, the same growth factors applied to Ad Valorem Projections are used to predict future RPTTF revenues.

If the ROPS for a community contained a loan payment to the corresponding jurisdiction, future loan payments (i.e., for fiscal year 2018-19 through 2022-23) were calculated in each case utilizing the following formula pursuant to California Health and Safety Code Section 34191.4 (b): Excess Revenue for the previous fiscal year Less (-) Excess Revenue for fiscal year 2012-13, all divided by two.

This formula is shown in the diagram below.



The Projections do not include potential revenues from the following sources:

- Orange County delinquency collection fees and appeal refunds (because OCFA is a Teeter agency); and
- Supplemental property tax revenue which is generated by the increase in assessed valuation when new construction or property sales occur after the January 1st lien date. In this situation, the property owner is issued a supplemental tax bill on a pro-rata basis for the period between the property sale or construction completion date and the end of the tax year. This information has been requested from the Assessor's Office. However, Assessor's staff stated that the complete supplemental assessed value is not available until June/July of each year (shortly before the assessment roll is equalized). Therefore, the information is not available for this annual report for OCFA.

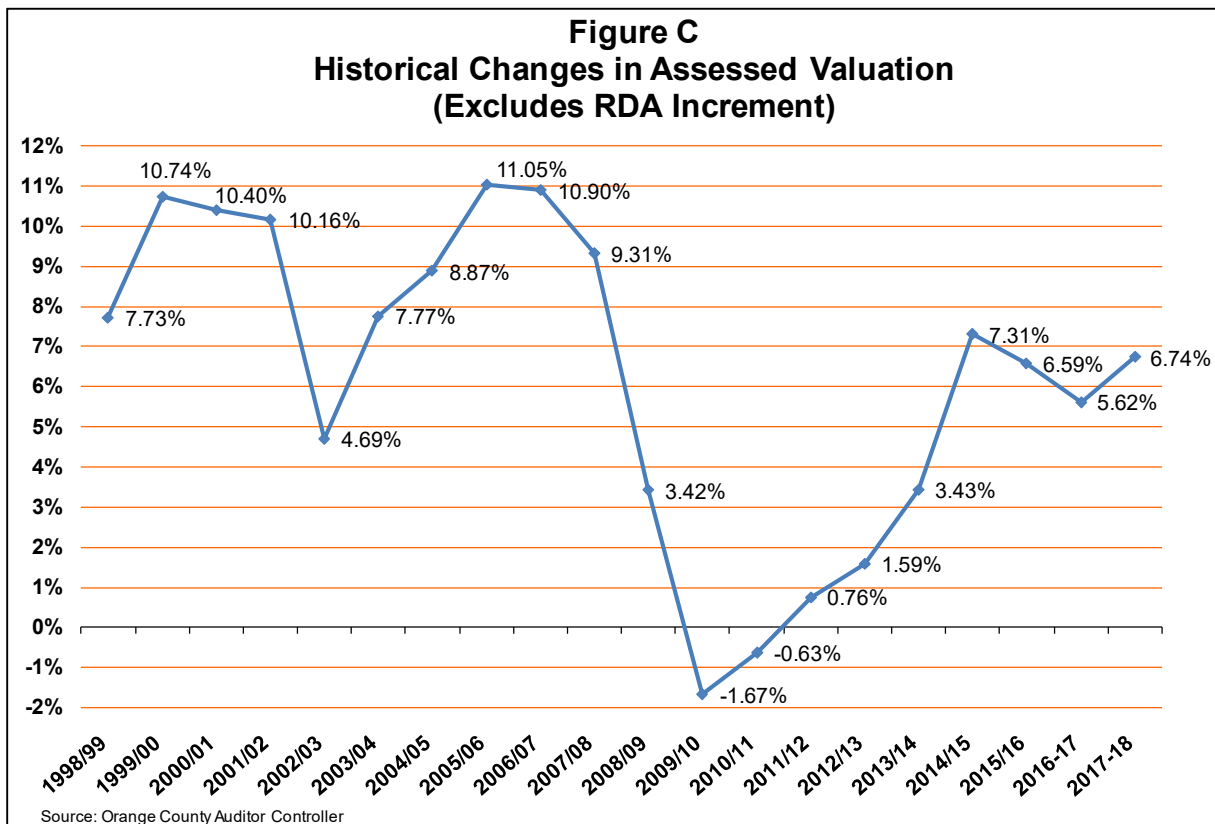
AD VALOREM REVENUES

2017-18 Assessed Valuations and Tax Rates

The Projections begin with actual 2017-18 assessed valuations provided by the Orange County A/C. Fiscal year 2017-18 is the most current year for which assessed valuations are available and serves as the basis for projecting future assessed valuations. For those Jurisdictions with redevelopment project areas, the assessed valuations utilized in the Projections include the redevelopment project area's base year assessed value, but are net of incremental assessed valuation, i.e., assessed valuation in excess of the base year assessed valuation as a result of property value growth.

- Total assessed valuation of the Jurisdictions for fiscal year 2017-18 is \$209.9 billion, representing a 6.74% increase in total assessed valuation over fiscal year 2016-17.
- Secured assessed valuation increased by 6.65% between fiscal year 2016-17 and 2017-18. Secured assessed value is by far the most important property value component for OCFA with a total 2017-18 value of \$202.5 billion.
- Unsecured assessed valuation increased by 9.24% between fiscal year 2016-17 and 2017-18. The 2017-18 unsecured assessed value totals \$7.4 billion.

Figure C depicts the historical view of the change in assessed valuation for the Jurisdictions beginning with fiscal year 1998-99. The assessed valuations for the Jurisdictions have continued to increase since 2010-11 with an overall growth of 6.74% over the last fiscal year.



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In addition to actual 2017-18 assessed valuations, the Projections utilize fiscal year 2017-18 effective tax rates based on the 1% general levy tax rate that determines property tax revenue for all taxing entities. The amount of property tax revenue to be allocated to OCFA is determined based upon OCFA's fiscal year 2017-18 effective share of the 1% general tax levy. This share is calculated relying on an A/C report specifying property tax revenue received. The effective rate may differ very slightly from the official weighted tax rate for each Jurisdiction due to delinquencies, appeals, supplemental tax revenue, and other factors that can affect the timing and amount of tax revenue paid in relation to the annual assessed value.

While the official tax rate for a jurisdiction changes annually only in response to the relative assessed value of each Tax Rate Area in that jurisdiction, the effective tax rate can change due to the aforementioned factors. From fiscal year 2016-17, these changes averaged less than 0.006% in absolute value. Table D below provides a summary of the fiscal year 2017-18 OCFA effective tax rates utilized throughout the duration of the Projections. **OCFA's fiscal year 2017-18 effective tax rate weighted for all Jurisdictions is 11.51%.**

FY 2017-18 EFFECTIVE TAX RATES BY JURISDICTION

TABLE D

Jurisdiction	Total Assessed Value	1% of Total AV	OCFA Revenue	Tax Rate
Aliso Viejo	\$ 9,757,602,814	\$ 97,576,028	\$ 11,242,937	11.52%
Cypress	5,855,153,770	58,551,538	5,066,753	8.65%
Dana Point	12,184,560,468	121,845,605	13,821,426	11.34%
Irvine	68,762,831,086	687,628,311	86,025,009	12.51%
Laguna Hills	6,718,973,429	67,189,734	6,949,145	10.34%
Laguna Niguel	15,341,993,870	153,419,939	16,070,368	10.47%
Laguna Woods	2,949,710,076	29,497,101	3,450,009	11.70%
Lake Forest	13,894,661,683	138,946,617	15,434,382	11.11%
La Palma	1,684,211,296	16,842,113	1,598,276	9.49%
Los Alamitos	2,068,339,266	20,683,393	1,990,701	9.62%
Mission Viejo	15,592,278,157	155,922,782	16,997,261	10.90%
Rancho Santa Margarita	8,247,182,511	82,471,825	10,133,553	12.29%
San Juan Capistrano	6,668,109,040	66,681,090	7,749,858	11.62%
Villa Park	1,755,259,382	17,552,594	1,787,383	10.18%
Yorba Linda	12,285,236,642	122,852,366	11,432,809	9.31%
County Unincorporated	26,159,570,533	261,595,705	31,906,276	12.20%
Total	\$ 209,925,674,023	\$ 2,099,256,740	\$ 241,656,147	11.51%

Sources: Orange County Assessor and Auditor-Controller

New Valuation from Construction and Sales Transactions

A major component of RSG's methodology for projecting property tax revenues allocated to OCFA is the change in valuation that is added to the 2018-19 assessed valuation base as a result of new construction and real property sale transactions.

Summary of New Construction

As described in the Approach and Methodology section of this Report, RSG requested data from and coordinated with staff at all Jurisdictions to collect information on new construction projects completed or commenced after January 1, 2017. The value of construction completed during calendar year 2017 will result in an increase in assessed valuation on the 2018-19 tax roll. Construction projected to be completed between January 1, 2018 and December 31, 2021 will also add to assessed values before fiscal year 2022-23.

New assessed valuation included in the Projections for construction completed during 2017 is based upon building permit data as reported by each of the Jurisdictions. Building improvements projected to be complete after calendar year 2017 but before 2022 are generally based upon outstanding building permits, entitled projects without issued building permits, and projects undergoing city/planning commission review as reported by the Jurisdictions.

Assumptions for New Values from Construction

A major portion of RSG's work involved close coordination with planning and building staff to research and collect data in a substantially consistent format among Jurisdictions. For purposes of this Report, RSG used the following assumptions to research, identify, and project future assessed valuations resulting from new building improvements.

- Only building permits for property improvements outside of redevelopment project areas were included in the Projections.
- Unless otherwise specified by staff, outstanding building permits (issued but not finaled) were assumed to be finaled within a reasonable period. If building permits were issued during the first half of calendar year 2017 but not finaled as of January 2018, RSG assumed such building permits would be finaled during calendar year 2018, yielding new valuation beginning in fiscal year 2019-20. RSG assumed that building permits issued during the second half of calendar year 2017 but not finaled as of January 2018 would be finaled during calendar year 2019 and provide additional valuation beginning in fiscal year 2020-21.
- Estimated project valuations provided by city staff for entitled and in-review projects were utilized when available and deemed appropriate. In all other circumstances, Marshall Valuation Service's current per-square-foot development cost estimates¹ were used to estimate project valuations, factoring in geographic location and assuming average building quality and materials.

¹ Published by Marshall & Swift, part of CoreLogic.

- When appropriate, conservative approaches and estimates were used to project valuations from building permit activity and planned development projects.

New Valuation from Construction

Construction activity in the Jurisdictions increased in 2017 as compared to 2016. Residential building activity was greater than non-residential building activity, with completed residential building permits accounting for approximately \$794.0 million in new valuation, while completed commercial, industrial, and office building permits accounted for \$271.3 million in new valuation.² Projected new construction for fiscal year 2019-20 and beyond increased compared to last year's projections. Table E below provides a summary projection of total new valuation from current and expected construction activity for the Jurisdictions.

PROJECTED VALUATION FROM NEW CONSTRUCTION **TABLE E**

Fiscal Year	Projected New Valuation			
	Building Permits	Approved Projects	In-Review Projects	Total
FY 2018-19	\$1,065,241,310	\$ -	\$ -	\$1,065,241,310
FY 2019-20	1,261,792,679	2,798,969,628	405,703,540	4,466,465,846
FY 2020-21	1,409,931,003	1,739,747,460	256,902,547	3,406,581,010
FY 2021-22	-	1,443,398,846	183,634,905	1,627,033,752
FY 2022-23	-	1,563,242,693	323,203,837	1,886,446,530

Sources: Structural Fire Fund Jurisdictions' Building Departments

Projected new valuation from new construction for fiscal years 2018-19 through 2022-23 in Table E primarily consists of anticipated building activity in the City of Irvine.³ Specifically, the City of Irvine accounts for between 27% and 47% of projected new assessed value in each year and approximately 37% of new value due to construction over the next five years combined. New valuation from approved (entitled) projects for the City of Irvine was obtained from City development projections contained in Future Projection Status by Zoning Code report, dated April 13, 2017, which represents the most current information available as of the date of this Report.

Summary of Sales Transactions

The difference between a property's sales price and the currently enrolled assessed value of the property is assumed to be the net change (positive or negative) to such property's assessed valuation that would appear on the subsequent year's assessment roll. In a growing economy, sales transactions usually result in an increase in taxable value as new sales prices are expected to exceed existing assessed values. The Jurisdictions show an overall positive net increase of 71.2% in sale value over assessed value in calendar year 2017. This is much higher than the previous year's 44.5% increase, partially due to higher sale prices and partially due to a change in methodology described below.

² Completed permit valuations are an estimate only.

³ "Building permits" and "In-Review Projects" are based upon other City of Irvine sources and are based on the most current information.

Resales

RSG collected and analyzed information for real property resale activity that occurred between January 1, 2017 and February 28, 2018. It is important to note that changes in assessed valuation resulting from sales occurring inside redevelopment project areas were excluded from the Projections.

For this Report, RSG updated the methodology to calculate real property resale activity to improve the Projections' accuracy. Prior to the fiscal year 2016-17 Report, non-recorded transactions (i.e., transactions without a listed sale price indicated in the assessor's roll) were excluded from the Projections due to the significant uncertainty of the sales' impact on the total assessed value. RSG noted that assessed value added due to resales represents a large portion of the total projected assessed value increase in the first projected fiscal year.

In the fiscal year 2016-17 Report, RSG adjusted the methodology to incorporate these non-recorded transactions into the Projections by estimating the change in assessed value based on other sales in each Jurisdiction. Specifically, RSG calculated the added value for recorded transactions as a percentage of those properties' previous assessed value in each Jurisdiction. RSG then applied this same percentage to the assessed value of properties in non-recorded transactions within the same Jurisdiction.

After further review, RSG has discovered an improved method for assessing these non-recorded transactions for this Report. To project assessed value more accurately going forward, RSG took the extra step of conducting considerable analyses for any property with more than one property transaction recorded during the 2017 calendar year. This allows RSG to project the change in assessed value with more accuracy than the process used for previous reports. The new methodology also includes value added from multiparcel sales, partial sales, and excludes sales where the price is lower than the current assessed value.

As indicated in Table F on the following page, sales transactions from January 1 through December 31, 2017, are expected to have an overall positive impact on fiscal year 2018-19 assessed valuations. **The total value added from resales during 2017 is estimated at \$6.1 billion in the Jurisdictions.** Sales transactions from January 1 through February 28, 2018 are expected to have an overall positive impact on fiscal year 2018-19 assessed valuations, adding approximately \$752.1 million in the Jurisdictions.

The value increase (estimated at \$4.4 billion without using the methodology change) for fiscal year 2018-19 is higher than the last two years and significantly higher than fiscal years prior to 2016-17 (\$3.7 billion for 2017-18, \$3.5 billion for 2016-17, \$2.7 billion for fiscal year 2015-16, \$2.9 billion for fiscal year 2014-15, \$1.4 billion for fiscal year 2013-14, \$0.7 billion for fiscal year 2012-13, and \$1.0 billion for fiscal year 2011-12).

Market reports such as the Chapman and CSUF Forecasts signal that home prices in Orange County will continue to increase despite decreased home affordability due to a higher demand for housing than the existing supply. CoreLogic reports showed a 6.1% increase in the number of 2017 homes sales in Orange County as a whole compared to 2016, and a 5.2% increase in the Jurisdictions.

Sales Activity Summary¹

Table F

Jurisdiction	Valuation added/(subtracted)	Valuation added/(subtracted)
	Fiscal Year 2018-19 ²	Fiscal Year 2019-20 ³
Aliso Viejo	\$ 161,127,370	\$ 33,774,841
Cypress	117,178,074	13,817,674
Dana Point	346,955,042	31,367,892
Irvine	2,429,009,149	230,828,549
Laguna Hills	188,174,777	11,574,804
Laguna Niguel	266,009,279	42,476,267
Laguna Woods	77,365,064	8,191,623
Lake Forest	651,635,394	93,466,436
La Palma	33,945,271	3,500,914
Los Alamitos	44,208,364	6,851,714
Mission Viejo	387,059,311	61,197,378
Rancho Santa Margarita	153,138,352	15,478,976
San Juan Capistrano	163,205,226	36,161,388
Villa Park	41,115,623	14,986,150
Yorba Linda	329,884,127	26,442,052
Unincorporated Area	729,456,195	122,021,261
Total	\$ 6,119,466,618	\$ 752,137,919

¹ Excludes sales of property in redevelopment project areas.

² Based on resale activity from January 1, 2017 to December 31, 2017.

³ Based on resale activity from January 1, 2018 to February 28, 2018

Source: Metrosan- a product of CoreLogic

Proposition 8 Reassessments & Assessment Appeals

In 1978, California voters passed Proposition 8, a constitutional amendment to Proposition 13, which allows a temporary reduction in assessed value when a property suffers a decline in value. Proposition 8 requires the Assessor to enroll the lower of either:

- The Proposition 13 taxable values (market value of the property when it was acquired plus a CCPI adjustment of up to 2% per year, plus the value of any new construction); or
- The market value as of the annual January 1st lien date.

The Assessor may initiate the review and downward reassessment of any property for which market value has dropped below the Proposition 13 taxable value. Property owners who believe the market value of their property has dropped below the Proposition 13 taxable value may also request that their property be reviewed by submitting a formal assessment appeal to the Clerk of the Board.

In years of market growth, adjustments in value are largely determined by the parcel's base value (value at time of previous transfer or purchase) with Proposition 13 inflationary rate increases of 2% annually. In years of decline, as the County experienced for several years following 2008, properties warranted a reduction in value to ensure that the roll value not exceed current market value. Value restorations occur when the real estate market improves

and those parcels that had their assessed values reduced are restored to their Proposition 13 adjusted value. This restoration may, and often does, exceed the 2% annual Proposition 13 increase and are allowed if the new assessed value does not exceed the base year value increased by 2% every year.

RSG met with the Assessor's Office on January 25, 2018 and spoke directly with staff about outstanding Proposition 8 Reassessments and Appeals. According to staff, approximately 109,000 parcels remain "value-restricted" and could be subject to value restorations (causing increase in assessed value). However, the majority of those outstanding appeals are timeshares and mobile homes, which are unlikely to cause material value restorations because these types of properties generally decline in value (according to Assessor's office staff). Therefore, RSG will not account for new value due to value restorations.

Assessor-Initiated Reassessments

Economic data indicates that the Orange County real estate market continues to improve as demonstrated by monthly year-over-year increases in the median home sale price. RSG reviewed the trends of median home sales within the County and the Jurisdictions utilizing data obtained from Dataquick, a product of CoreLogic. The number of home sales and prices between January and December 2017 were plotted on a chart to depict statistical trend lines of the change in values and show year-over-year changes, as shown in Appendix D.

The average year-over-year change for all months was 5.2% for the Jurisdictions and 6.1% for Orange County as a whole. This growth is higher for the Jurisdictions, 4.5%, and the same for Orange County as a whole compared to the year-over-year change from 2016 to 2017.

Property Owner Assessment Appeals

RSG collected and analyzed all secured and unsecured property owner-initiated assessment appeals available through the County Clerk of the Board. The Clerk of the Board maintains a database of information regarding all secured and unsecured assessment appeal applications submitted, including the application status and amounts of assessed value reduction granted by the Appeals Board, if any. OCFA revenues are impacted by refunds for granted assessment appeals reductions (see Table G on page 22 for five-year historical assessed value reduction amounts). Two types of assessed value appeals may be submitted:

- Proposition 13 appeal is a property owner-initiated assessment appeal that is a market-driven appeal, because it is believed that current market conditions cause the property to be worth less than its Proposition 13 taxable value; or
- Proposition 8 assessment appeal is a request to reduce the base assessed value of a property. If a Proposition 8 assessment appeal is granted, the value of the property returns to its prior (higher) value on the next year's assessment roll (unless appealed and granted again).

The information analyzed in Tables 5A through 5F of Appendix F and summarized in Table G reflects data received from the Clerk of the Board as of March 15, 2018 (excluding assessment appeals for property located within a redevelopment project area and appeals where the assessed value of the appeal is greater than the property's current assessed

valuation). Five years of historical assessment appeals information for each Jurisdiction is detailed in this Report.

Secured Assessment Appeals

In fiscal year 2016-17, the most recent fiscal year with complete appeals data, total secured assessed value under appeal increased 41.3% from \$10.2 billion to \$14.5 billion. The amount of secured assessed value under appeal had previously declined since a high of \$14.5 billion in fiscal year 2012-13. Fiscal year 2017-18 has \$6.2 billion total secured assessed value under appeal, which will likely increase before the end of the fiscal year.

The total requested value reduction as a percentage of assessed value under appeal in the previous five years has remained consistent with an approximate average of 39% annually. Table G provides an historical summary of denied, stipulated, and pending secured assessment appeals.

Despite overall reduction requests of approximately 39% of the taxable secured assessed valuation, the Appeals Board reduced secured assessed valuations by no more than 6.8% over the past five years and the percentage of assessed value reductions have been progressively decreasing every year. More specifically, reductions totaled 6.8%, 5.8%, 5.2%, 1.9%, and 0.1% in fiscal years 2013-14, 2014-15, 2015-16, 2016-17, and 2017-18, respectively. These granted appeals correspond to decreasing value reductions from approximately \$732 million in fiscal year 2013-14 to \$272 million in fiscal year 2016-17 (fiscal year 2017-18 is not compared here due to the large amount of pending appeals). As of March 15, 2018, the Appeals Board had reviewed and stipulated approximately \$6.1 million of the total \$6.5 billion requested reduction for fiscal year 2017-18. The Appeals Board granted 0.1% of the total secured assessed valuation for those properties under appeal.

The number of secured assessment appeals has varied with regard to the distribution of appeals by land use, as summarized in Table H. Commercial land uses have come to represent the largest proportion of appeals, followed by residential and Industrial land uses.

Unsecured Assessment Appeals

Table 5F in Appendix F provides detailed information regarding both completed and outstanding unsecured assessment appeals between fiscal year 2013-14 and fiscal year 2017-18.

The total appealed amounts of unsecured assessed valuation for the Jurisdictions (excluding redevelopment project areas and appeals where the requested value is higher than the current roll value) are \$210 million, \$50 million, \$194 million, \$371 million, and \$189 million in fiscal year 2013-14 through fiscal year 2017-18, respectively.

As of March 15, 2018, none of the unsecured assessment appeals for fiscal year 2017-18 had been approved for a reduction. Outstanding assessment appeal requests ask for \$24 million, \$30 million, \$8 million, \$371 million, and \$189 million in reductions for fiscal year 2013-14 through fiscal year 2017-18, respectively.

**ORANGE COUNTY FIRE AUTHORITY
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SECURED ASSESSMENT APPEALS ¹

TABLE G

Fiscal Year	Total AV Under Appeal	Total Applicants' Opinion of Value	Total Requested Reduction Amount ²	Requested Reductions as a % of Appealed AV	Amount of Board Approved AV Reduction	Approved Reductions as a % of Appealed AV	Outstanding Requested Reduction Amounts
2013-14	\$ 10,747,525,686	\$ 6,481,996,527	\$ 4,265,529,159	39.7%	\$ 732,431,441	6.8%	\$ 66,257,050
2014-15	11,545,153,823	7,152,181,955	4,392,971,868	38.1%	675,351,443	5.8%	139,136,083
2015-16	10,236,123,644	6,177,763,984	4,058,359,660	39.6%	528,805,546	5.2%	774,607,251
2016-17	14,462,745,404	9,174,368,425	5,288,376,979	36.6%	272,194,491	1.9%	3,659,546,939
2017-18	6,146,500,863	3,686,825,247	2,459,675,616	40.0%	6,066,639	0.1%	2,435,036,426
Total	\$ 53,138,049,420	\$ 32,673,136,138	\$ 20,464,913,282	38.5%	\$ 2,214,849,560	4.2%	\$ 7,074,583,749

¹ Excludes assessment appeals for properties within CRA project areas, appeals where the Applicant's opinion of the assessed value is higher than the roll value, and instances where the appeals database reports that the assessed value of the parcel appealed is zero or negative.

² Includes finalized and outstanding appeals.

Source: County Clerk of the Board, March 15, 2018.

PROPORTION OF SECURED ASSESSED VALUE APPEALED BY LAND USE TYPE¹

TABLE H

Fiscal Year	Land Use					Total
	Commercial	Industrial	Multiple Family Residential ²	Single Family Residential	Other ³	
2013-14	55.5%	19.4%	10.3%	10.9%	3.9%	100.0%
2014-15	57.2%	19.8%	8.1%	9.1%	5.7%	100.0%
2015-16	63.4%	15.3%	6.3%	10.9%	4.1%	100.0%
2016-17	65.1%	16.4%	5.4%	9.5%	3.6%	100.0%
2017-18	63.4%	13.3%	4.7%	14.1%	4.5%	100.0%

¹ Excludes assessment appeals for properties within CRA project areas, appeals where the Applicant's opinion of the assessed value is higher than the roll value, and instances where the appeals database reports that the assessed value of the parcel appealed is zero or negative.

² Includes condominiums, residential co-ops, mobile homes, and timeshares.

³ Includes rural and other properties not assigned a land use on the Tax Roll.

Sources: County Clerk of the Board, March 15, 2018; CoreLogic Metroscan.

ANNUAL GROWTH RATES

Background

2017-18 Actual Growth Rate in OCFA SFF Jurisdictions

The actual growth in total assessed valuation between 2016-17 and 2017-18 was 6.7% in the SFF Jurisdictions, slightly higher than the growth rate projected in last year's Report. The 2016-17 Report included data on new development, resales, and other factors affecting assessed valuation.

The difference in actual and projected growth likely resulted from missing data from SFF Jurisdictions for new development and partially assessed value on parcels with large projects still under construction. RSG has attempted to capture all data with additional collaboration with SFF Jurisdictions and additional information from the County Assessor's office. RSG has reviewed supplemental tax roll data received from the Assessor's Office to cross reference new construction data received from SFF Jurisdictions. However, due to the Assessor's Office's timing for assessing new property, the usefulness of the data provided is limited.

Economic Forecasts/Indicators

Summary

Overall, current data and economic forecasts publicly available as of March 30, 2018 show continued and sustained economic growth in California with growth in Orange County at least at similar levels that were realized last year. The indicators generally suggest a consistent growth rate in assessed values after 2017-18.

The effects of the recent federal tax reform and higher interest rates could conceivably lead to a slower growth rate for median home prices going forward. It is important to note that data indicates that **home price growth is projected to be lower** than that seen in the last two years, **but home prices are not expected to fall**. However, several factors (detailed in this section), including the critically low housing supply, low unemployment in Orange County and signs of wage growth, are anticipated to offset the negative impacts on the growth rate.

Therefore, median home prices are expected to continue to appreciate albeit at somewhat lower rates than last year, despite the federal tax reform, lack of affordability and decreases in the rate of homeownership. It is projected that the low supply of housing and strong economic conditions will help push median home prices up in 2018.

In summary, the 2018 economic forecasts referenced below cite:

- Continued low unemployment rates;
- Strong, but somewhat diminished growth rates in home prices; and
- Continued new construction (residential, office, retail, and industrial uses).

Tax Reform

It is important to note that the tax reform detailed below took effect in 2018. However, the factors affecting property tax growth rates for fiscal year 2018-19 include property sales that took place during calendar year 2017, new development that was completed during calendar year 2017, and general CPI growth rates applied by the Assessor (generally 2%). **Therefore, the effects of the tax reform would begin to affect property tax growth in fiscal year 2019-20 and do not affect 2018-19 values.**

On December 20, 2017, federal income tax overhaul legislation was passed that affects homeowners across the country, but significantly more in states with high taxes and home prices like California. More specifically, the tax reform legislation requires tax deduction limits in two key areas related to homeownership:

- Total property, State and local income taxes (combined) limited to a maximum \$10,000 deduction.
- Mortgage interest deduction limited to a maximum of \$750,000 of debt for homes purchased after December 15, 2017, and a maximum of \$1 million of debt for homes purchased prior to December 15, 2017.

As the median home price in Orange County has climbed to \$710,000⁴ in February 2018, and property tax rates throughout Orange County are likely in the 1%-1.5% range, homes purchased in 2018 and beyond are subject to lower tax benefits. All other factors aside, this could hinder home prices and home sales as the lower tax benefits could make home ownership less attractive to first time homebuyers and could dissuade existing homeowners from selling and buying.

RSG's analysis incorporates potential impacts to growth rates caused by the federal tax reform. A description of factors considered, and the methodology is provided below.

Lower Taxes (Individuals)

The new federal tax law also reduces the overall federal taxes owed by these same homebuyers, which helps to mitigate a portion of the loss of deductions related to homeownership.

Lower Taxes (Businesses)

The tax reform also significantly reduced corporate taxes (**from 35% to 21%**) which should lead companies to invest more, including increasing wages and jobs.

Historically Low Unemployment

Unemployment in California is at a historical low of 4.5% (with the **unemployment rate in Orange County of 3.1% in February 2018 - down from 3.8% in February 2017**)⁵.

Low Supply of/High Demand for Housing in Orange County

The supply of housing in Orange County has been much less than the demand over the last several years. It is likely that the net effects of the federal tax reform (barring other events

⁴ "Southern California home prices jump 10% amid scarcity of sellers," Orange County Register, March 21, 2018.

⁵ State of California Employment Development Department, Labor Market Information Division, as published March 23, 2018.

that would affect employment and interest rates significantly) will not lead to a reduction in home prices and demand. The Orange County Business Council estimates the **housing supply shortfall at 50,000 to 62,000 units per year in Orange County.**

Diminished Home Price Growth (Not Declining Prices Overall) Due to Lower Limit on Deductions

Adjusted Median Home Price Growth After Tax Reform

Most economic forecasts for the upcoming year are published in the fall of the previous year. Therefore, many economic forecasts for 2018 were finalized prior to the passage of the tax reform legislation. However, there is some data on revisions to home price projections available.

The California Association of Realtors (“CAR”) projects that home prices will be 1% less under the tax reform than if there was no tax reform (i.e., home price growth is 1% less than CAR projected originally for 2018). For 2018, CAR projected California median home price growth at 4.2% (in October 2017). With the subsequent adjustment, CAR projects a total of 3.2% growth in California median home prices. Moody’s Analytics also published a projection of diminished home price growth resulting from the federal tax reform in late December 2017. According to the Moody’s data, home price growth in Orange County is projected to be 3.6% less than it would have been without the tax reform. Given that Chapman University’s economic forecast projected 2018 median home prices to grow at 5.2% (before the tax reform was passed), total growth in median home prices would still be projected at 2.6%. Therefore, available data sources indicate median home price growth between 2.6% and 3.2%, even with the effects of the tax reform.

January/February 2018 Home Resale Data Showing Higher Increases in Value as Compared to January/February 2017

In contrast to the CAR and Moody’s projection of diminished home prices, the extraordinary demand for housing (along with low interest rates and low unemployment) may prevent diminished growth in home prices in the short term as evidenced by home sales during January and February 2018 (after the tax reform took effect). More specifically, RSG analyzed home sales data for January and February 2018 (the most recent data available as of the date of this report). According to this data, **the change in assessed valuation for homes that sold in the first two months of 2018 (i.e., sales price minus previous assessed valuation) increased by 44% in January and February 2018 as compared to the increase in assessed valuation due to home sales in January and February 2017.**

January/February 2018 Total Number of Home Sales Higher Than January/February 2017

The total number (vs. sales price) of home sales moving forward is one factor that could be affected by the federal tax reform. In order to assess the initial effects of the tax reform, RSG analyzed home sales data for January and February 2018 (the most recent data available as of the date of this report). In total, **sales volume (i.e., the total number of homes sold) has increased by 6% in January and February 2018 as compared to January and February 2017.**

Low Interest Rates – although not part of the tax reform, the historically low interest rates make homeownership attractive. Even at over 4%, interest rates continue at a low not seen in the last 50 years.

Economic Forecasts

The major data points from all forecasts are presented below.

Chapman Forecast (Orange County)

The annual Chapman Economic Forecast has proven to be the most accurate forecast for Orange County based on the comparison of projected vs. actual growth rates for over a decade. Therefore, this forecast is relied upon as the primary data source to project future growth rates in this Report.

Published in December 2017, the forecast projects the following for Orange County in 2018:

- 0.8% increase in employment (up from 0.6% in 2017); and
- 5.2% increase in median home prices (November 2017). Despite lower housing affordability due to tax reform and higher mortgage rates, low housing supply should keep pushing prices upwards.

UCLA Forecast

The most up-to-date UCLA economic forecast indicates a continued healthy outlook for California but cites slower growth due to good labor markets and tight housing markets. More specifically, the forecasts cite the following trends in California:

- Total employment growth of 1.5% in 2018 and 1.1% in 2019;
- Real personal income growth forecasted at 3.1% in 2018, followed by 3.6% in 2019; and
- Unemployment rates (in California) were at 4.9% in 2017 and will fall to 4.6% in 2018 and 2019.

The forecast indicates that housing prices will continue to rise due to lack of supply rather than an increase in demand.

California State University, Fullerton 2017 Economic Forecast (Orange County)

This forecast (November 2017), predicts the following for Orange County in 2018:

- Continued economic growth;
- Unemployment rate to hover near 3.5% for the foreseeable future;
- Slower growth in housing prices for 2018; and
- Construction permits declined in 2017 but are expected to grow at a moderate pace for the next two years.

Los Angeles County Economic Development Corporation Forecast

The 2017-18 (published in February 2017) Los Angeles County Economic Development Corporation forecast focuses on California and the southern California region, including Orange County. Highlights from this forecast include the following projections for 2018:

- Unemployment rate in Orange County of 3.8%;
- Median home prices increasing by 4.4%; and
- Building permits for new home construction to increase 5.3%.

California Association of Realtors (CAR)

The 2018 CAR housing market forecast, released October 2017, projects a 4.2% increase in median home prices in California during 2018, after a projected 7.2% increase in 2017. An update to this forecast (after the federal tax reform was passed) indicated growth for California home prices at 1% lower than that projected in October 2017. In total, CAR is projecting a total increase in California home prices of 3.2%.

Other Data/Forecasts

Other data and economic indicators that act as industry standards for predicting home price changes and growth rates in the commercial, industrial, and retail markets have also been examined and analyzed as part of this Report, including:

- **Case-Shiller Index** - an industry standard for measuring home price changes that is utilized by many county assessors across the state and by the Office of Federal Housing Enterprise Oversight.

The Case-Shiller Index reported growth in median home prices in the Los Angeles/Orange County metropolitan area of approximately 6% between November 2016 and November 2017 (the same level of growth experienced between November 2015 and November 2016, as reported last year). It is important to note that the overall average growth in this region has been 4% per year annually over the last 30 years.

- **CCPI** - The California State Board of Equalization letter to County Assessors, dated November 30, 2017, instructs a 2.0% CCPI inflationary adjustment to be utilized for preparation of the fiscal year 2018-19 assessment roll.
- **ULI Forecast** – ranked Orange County as #21 in their ranking of “Markets to Watch” (down significantly from #8 in 2017 and #14 in 2016) as the results from a survey of members indicate that Orange County represents good job growth, highly skilled workforce matching well with high-paying jobs, and the fact there is no core city in Orange County prevents overdevelopment and fosters competition.

- **CBRE Reports** state the following:
 - Industrial vacancy rates remained extremely low and lease rates increased during 2017. The forecasts predict lease rates will continue to increase by 6.5% over the next two years.
 - In 2017, the retail market had a slight decrease in asking lease rates but vacancy remained unchanged at a low 3.6%. Orange County has a strong retail market with lease rates expected to increase over the next 12 months, while vacancy rates are expected to slightly increase over the same period.
 - The office market completed large amount of new construction in 2017, which led to a slight increase in vacancy rates. However, demand remains strong which led to an increase in lease rates. Lease rates should continue to increase in 2018 at a rate like that in 2017.

All the data provided by the sources outlined above appear to indicate that economic growth will be sustained in 2018 at a similar and steady rate. The following discussion outlines the assumptions and methodology used by RSG to arrive at annual growth rates utilized in the Projections.

Secured Growth Rates

Fiscal Year 2018-19

It is important to note that projected 2018-19 assessed valuation and property taxes are based on actual data from property sales and new development completed within the SFF jurisdictions with the addition of a CCPI growth rate to account for annual increases determined by the Assessor.

Growth rates utilized for projecting fiscal year 2018-19 assessed valuations exclude consideration of any increase (or decrease) in assessed valuations caused by resales or new construction, as the Projections already adjust for actual activity occurring in these realms. Additionally, growth rates applied for 2018-19 Projections do not account for losses in valuation resulting from Proposition 8 reassessments or assessment appeals.

The California State Board of Equalization letter to County Assessors, dated November 30, 2017, instructs a 2.0% CCPI inflationary adjustment to be utilized for preparation of the fiscal year 2018-19 assessment roll. The actual growth rate in secured property tax revenue during fiscal year 2017-18 was 6.82% in the Jurisdictions.

Valuation adjustment for both outstanding assessment appeals that may be granted and for valuation increases for properties with previous assessment appeals would also be expected to occur as part of the equalization of the 2018-19 assessment roll.

The Projections incorporated a 2.00% secured growth factor in 2018-19 for all Jurisdictions (excluding the City of Irvine) in addition to increases in assessed value resulting from new development and resales (CRA Increment was excluded from any application of growth rates) to account for the CCPI. This 2.00% factor is based exclusively on the CCPI. Irvine was excluded from this methodology due to the considerable growth in assessed value the past several years and the large number of construction projects

currently underway and planned in future years. However, there is a large amount of unknown construction value in the City of Irvine due to construction projects being assessed every year prior to completion and neither the Jurisdictions or Auditor Controller being capable of providing that data. Therefore, based on the historic growth rates, **a 3.5% secured growth factor in the City of Irvine** is used to capture some of the unknown value.

In total, the increase in property tax revenue from secured property in 2018-19 is estimated at 6.11%. This projected growth rate is below the 2017-18 actual growth (6.82%). The Final Report will likely increase the growth rate due to additional missing data from SFF Jurisdictions and additional data from the County Assessor's Office, if available.

Fiscal Year 2019-20

Increased assessed valuation associated with new development projects and property sales activity (including home sales) in January and February 2018 have been included in projections for fiscal year 2019-20.

Given the economic forecast data presented previously in this Report suggesting a 5-6% growth in median home prices, as well as numerous economic forecasts citing lower unemployment, and sustained growth in the Orange County and California economies for the next one to two years, it is anticipated that the overall growth rate in property values will remain strong for at least one additional year. Therefore, an estimated growth rate of 3.05% has been applied for fiscal year 2019-20. This growth rate is in addition to increases in assessed value resulting from new development (as reported by the Jurisdictions).

In total, the increase in property tax revenue from secured property in 2019-20 is estimated at 5.50%.

Fiscal Years 2020-21, 2021-22, and 2022-23

As referenced above, sustained growth rates are expected over the next two years. Forecasting growth rates beyond this time is challenging due to potential delays in planned new construction projects, legal changes at the local, state, and federal levels, and increased uncertainty expressed by several universities such as UCLA and CSUF.

To provide conservative and defensible growth rate assumptions, the average of overall assessed valuation growth rates in the Jurisdictions between fiscal years 2008-09 and 2017-18 was calculated and taken into consideration to project growth rates of 1.90%, 2.75%, and 2.75% for fiscal years 2020-21, 2021-22, and 2022-23. These growth rates are in addition to increases in secured assessed value resulting from planned new development (as reported by the Jurisdictions).

In total, the increases in property tax revenue from secured property in fiscal years 2020-21, 2021-22, and 2022-23 are estimated at 3.46%, 3.43%, and 3.54%, respectively.

Unsecured Growth Rates

The unsecured assessment roll is more susceptible than the secured assessment roll to large variations in valuation from year to year, making reliable predictions impossible. The reason for its volatility is that the unsecured roll is comprised of business property, leased equipment, marine vessels, and aircraft, which unlike real property, is not fixed to the land and can be

moved between jurisdictional boundaries, resulting in unexpected spikes and drops in value with no reliable metric for prediction. Furthermore, business personal property assessed on the unsecured assessment roll deflates in value annually based on property-specific depreciation schedules. Therefore, RSG consistently projects a 0% growth rate in unsecured assessed valuation, as was done for this Report.

In fiscal year 2017-18, the unsecured assessed valuation for properties in SFF Jurisdictions increased by 9.6% as a whole; the change in unsecured assessed valuations for the Jurisdictions ranged from a 56% *increase* in Dana Point to a 36% *decrease* in La Palma. This type of unpredictable volatility diminishes the ability to project changes in unsecured assessed valuations in any reliable sense. Moreover, since unsecured property values are a small portion of total Assessed Value (3.5% for all the SFF Jurisdictions in fiscal year 2017-18), changes in unsecured property values do not impact total assessed value or property tax revenues nearly as much as changes in secured property values.

According to CBRE Reports, office and retail markets in Orange County have very low vacancy rates and growing lease rates. The unsecured assessment roll is largely comprised of personal business property, and the 2018-19 unsecured assessment roll is likely to be somewhat positively impacted by the positive market trends of 2016, 2017, and 2018. However, to provide conservative projections to OCFA and avoid any overstatement of revenues, RSG continues to assume a 0% growth rate for unsecured property over the five-year term.

Delinquencies, Refunds and Net Change Factors

The A/C divides taxing entities into two classes associated with the collection of property taxes, Teeter and Non-Teeter Agencies. The OCFA is a Teeter Agency; therefore, the A/C does not reduce secured property tax revenues owed to OCFA for associated delinquencies. On the other hand, OCFA revenues are impacted by refund and net change factors. The refund factor is the percentage of property tax revenue collected which is ultimately returned to property owners because of successful assessment appeal requests. The net change factor is the percentage change (due to estimation errors) in property tax revenue as forecasted by the A/C at the beginning of the fiscal year compared to the actual revenue at the end of the fiscal year. The A/C does not calculate these factors by individual city; therefore, only countywide factors are provided.

The countywide property tax delinquency, refund, and net change factors are available up to the previous year. Table I below shows the historical data for these factors. The refund, delinquency, and net change factors increased slightly from the previous year. However, these factors remain close to the previous year, which were the lowest rates since RSG began keeping track of these factors for OCFA. The result is that delinquencies, refunds, and changes to the roll are unlikely to affect OCFA's property tax receipts.

The 2016-17 delinquency factor was -0.65%. The refund factor was -0.68%. The net change factor was -0.19%. It should be noted that only the refund factor and the net change factor affect Teeter Agencies, such as OCFA. RSG has not reduced OCFA revenues to reflect the refund and net change factor; however, this information has been provided to assist OCFA in assessing the potential impact of refunds and errors regarding forecasted revenues by the A/C.

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

ORANGE COUNTY DELINQUENCY, REFUND, AND NET CHANGE FACTORS¹

TABLE I

Fiscal Year	A	B	C	B + C	A + B + C
	Delinquency Factor	Refund Factor	Net Change Factor	Total - Teeter Agencies	Total - Non Teeter Agencies
2012-13	-1.0739%	-1.1889%	-0.3383%	-1.53%	-2.60%
2013-14	-0.8995%	-0.9057%	-0.2500%	-1.16%	-2.06%
2014-15	-0.8125%	-1.0816%	-0.2187%	-1.30%	-2.11%
2015-16	-0.7156%	-0.6777%	-0.1701%	-0.85%	-1.56%
2016-17	-0.6497%	-0.6828%	-0.1858%	-0.87%	-1.52%

¹ Calculation of the delinquency factor, refund factor and net change factor is provided by the Orange County Auditor Controller and is based on prior year actual factors. Includes combined secured and unsecured delinquency/roll change/refund factors.

Source: County of Orange Auditor-Controller

PASS THROUGH REVENUES

Table J on the following page provides a summary of estimated Pass Throughs and Excess Revenues (together, “Pass Through Revenues”) segregated by SFF Jurisdiction from fiscal year 2017-18 through fiscal year 2022-23. Pass Throughs are projected to range between \$7.6 million and \$8.6 million annually from fiscal year 2018-19 to fiscal year 2022-23 for a total of \$39.6 million over the five years. Increases in Pass Throughs are tied to growth in gross tax increment, revenue resulting from the difference between current Assessed Value within a redevelopment project area and the base year Assessed Value within the project area. Decreases in Pass Throughs result when a successor agency completes payment of all enforceable obligations, leading to that successor agency’s dissolution. After that, Pass Throughs are no longer paid, and all property taxes are treated as Ad Valorem Revenues. However, this Report shows revenues coming from former redevelopment project areas as Excess Revenues to maintain consistency with prior years.

Excess Revenue is expected to range between \$4.8 million and \$13.0 million per year for a total of \$34.8 million over the five-year period. Changes in Excess Revenues are determined by changes in gross tax increment as well as administrative fees, pass throughs for all taxing entities, and enforceable obligations, as described in greater detail on the following pages. Excess Revenue generally increases most significantly when large enforceable obligations are paid off and when a successor agency dissolves.

Total Pass Through Revenues are estimated at \$12.3 to \$20.8 million annually, with a grand total of \$74.4 million to OCFA over the next five years.

Tables 4A through 4H provide detailed calculations of the Pass Through Revenues for each of the individual jurisdictions shown in Table J and are included in Appendix E.

Calculations

The analysis was completed by utilizing actual or projected revenue and expenditure types as described below.

Gross Tax Increment (RPTTF)– This information was based on calculations of incremental assessed value from the A/C property tax reports. A growth factor was applied to the assessed valuation of all jurisdictions corresponding to the growth factor used in the Ad Valorem Revenue calculations, with one exception. In Irvine, the Great Park Project Area (“Great Park”) will add significant new assessed value in the project area. Projections of new value in the Great Park were therefore prepared separately based on planned development information.

Administrative Fees – ABx1 26 allows both the State Controller’s Office (“SCO”) and county Auditor-Controllers to collect administrative fees for redevelopment dissolution. The SCO can collect an administrative fee to perform audits of former Redevelopment Agencies’ activity. The SCO audits occur one time for each jurisdiction and are impossible to anticipate without knowing when the SCO plans to audit a successor agency. Because of this and their very small relative amounts, the SCO audit fees were not projected, but were included in the calculations when they were applied.

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

PASS THROUGH & RESIDUAL PAYMENT PROJECTIONS (FY 2017-18 TO 2022-23)

Table J

		Cypress	Irvine	Lake Forest	La Palma	Mission Viejo	San Juan Capistrano	Yorba Linda	County	Total	FY Total
2017-18	Pass Through Payment	691,847	1,162,849	57,976	180,136	1,007,573	1,010,984	2,110,639	800,461	7,022,465	11,521,179
	Residual Payment	319,737	572,664	596,000	146,041	187,328	268,366	531,023	1,877,555	4,498,714	
2018-19	Pass Through Payment	704,001	1,452,057	59,136	189,144	1,047,301	1,038,520	2,223,224	844,093	7,557,476	12,323,408
	Residual Payment	344,427	572,664	609,457	156,212	210,249	295,428	567,743	2,009,752	4,765,932	
2019-20	Pass Through Payment	428,043	1,831,579	60,939	195,371	1,086,009	1,071,628	2,284,524	873,232	7,831,325	13,168,306
	Residual Payment	652,181	572,664	630,421	163,848	232,164	331,927	660,693	2,093,082	5,336,980	
2020-21	Pass Through Payment	-	2,263,087	62,097	199,369	1,110,858	1,092,881	2,323,875	891,938	7,944,105	13,828,213
	Residual Payment	843,134	572,664	643,424	194,874	250,101	335,313	898,253	2,146,346	5,884,109	
2021-22	Pass Through Payment	-	2,720,514	63,805	205,265	1,147,507	1,124,227	2,381,912	919,527	8,562,757	14,341,206
	Residual Payment	869,914	572,664	663,482	225,168	271,425	-	936,744	2,239,052	5,778,449	
2022-23	Pass Through Payment	-	1,718,074	65,559	211,323	1,185,164	1,156,436	2,441,546	947,874	7,725,975	20,754,426
	Residual Payment	897,430	7,598,080	695,514	247,878	293,039	-	976,636	2,319,875	13,028,451	
Total, 2018-19 to 2022-23		\$ 4,739,128	\$ 19,874,045	\$ 3,553,833	\$ 1,988,452	\$ 6,833,817	\$ 6,446,361	\$ 15,695,151	\$ 15,284,772	\$ 74,415,559	

Sources: Successor Agency ROPS 17-18A (July-December 2017) and 17-18B (January through June 2018), Department of Finance Recognized Obligation Payment Schedule review letters, Orange County Auditor-Controller Property Tax Division.

The A/C's administrative fees, including the Senate Bill 2557 fee, were estimated by utilizing the ROPS 17-18A and 17-18B actual administrative charges as a percentage of Gross RPTTF, pursuant to the A/C's RPTTF reports. These percentages were applied to Gross RPTTF in each future period to estimate the administration fee by period.

Pass Through Payments – Total pass through payments (all taxing entities as a whole) for all redevelopment project areas are based on the actual ROPS 17-18A and 17-18B pass through payments, as reported on the A/C's RPTTF Reports for ROPS 17-18A and 17-18B, as a percentage of the Gross RPTTF.

OCFA's shares of the total pass through payments were calculated using actual receipts for the payments received during ROPS 17-18A and 17-18B as a total percentage of Gross RPTTF. This percentage (by ROPS period) is applied to project RPTTF to estimate OCFA's pass throughs in the following years.

Total Enforceable Obligations – The estimates of enforceable obligations included in this analysis are based upon ROPS 17-18A and 17-18B, as well as previous periods, for each jurisdiction's successor agency. Bond documents for all tax allocation bond issues for all jurisdictions were reviewed to determine annual payments and the termination date of each bond issue's payments. For other enforceable obligations, RSG synthesized information from the ROPS forms and the DOF determination letters to determine most likely future approved amounts.

Total Excess Property Tax Revenue – This number was calculated by subtracting the Administrative Fees, pass through payments and enforceable obligations from gross tax increment.

OCFA's Share of Pass Through Payments and Excess Property Tax Revenues – This number was calculated taking OCFA's shares of ROPS 17-18A and 17-18B payments received from each Jurisdiction and applying those shares—as a percentage of Gross RPTTF and of total Excess Property Tax Revenues—for each "A" and "B" ROPS period going forward.

State law prohibits any taxing entity from receiving more than 100% of its share of the total tax increment because of redevelopment dissolution, though it is possible to receive more because of negotiated pass through agreements. In cases where the A/C has been paying Excess Property Tax Revenues to OCFA even if it results in OCFA receiving more than 100% of its share of the total property tax increment, RSG followed the A/C's methodology to maximize the projections' accuracy.

Other Considerations

Irvine Settlement Agreement

The City of Irvine ("Irvine") entered into a settlement agreement with DOF involving a loan repayment to Irvine. The settlement stipulates that a maximum of \$4.38 million of Excess Revenue is distributed to taxing entities per fiscal year until the Stipulated Judgment amount of \$292 million is repaid from the RPTTF revenues. Approximately \$263.3 million remains to be paid for the Stipulated Judgment. While the remaining balance is high, very rapid property value growth in the former Irvine Redevelopment Agency's former project area is

expected to enable the Irvine Successor Agency to pay off the Stipulated Judgement amount and generate significant Excess Revenue by fiscal year 2022-23. Furthermore, once the Stipulated Judgement is paid off, the Irvine Successor Agency will likely be dissolved due to a lack of other non-administrative enforceable obligations. As a result, OCFA's receipt of Excess Revenues from Irvine will remain constant until fiscal year 2021-22 and could increase as much as 13-fold in fiscal year 2022-23.

Cypress Settlement Agreement and Loan Repayment

Like Irvine, the City of Cypress ("Cypress") entered into a settlement agreement with DOF involving a loan repayment to Cypress. The Cypress Successor Agency ("Cypress SA") is allowed to repay a loan at an annual rate of \$2 million plus accrued interest. This loan is the Cypress SA's last remaining non-administrative enforceable obligation. Based on this repayment rate and the outstanding loan balance, RSG expects the Cypress SA will repay the loan and dissolve in fiscal year 2019-20.

The Cypress SA's dissolution will increase total Excess Revenues. However, OCFA's Pass Through Revenue may not increase as a result. OCFA received more than 100% of its share between Pass Throughs and Excess Revenue in the ROPS 17-18B January 2018 distribution. However, it cannot be determined if OCFA will receive more than 100% of its share for the fiscal year until the ROPS 18-19A June 2018 payment is distributed. After the Cypress SA dissolves, OCFA will receive its share of the gross tax increment.

Lake Forest Successor Agency RPTTF

The City of Lake Forest ("Lake Forest") did not have a redevelopment project area of its own. Instead, it incorporated a portion of the Orange County El Toro Redevelopment Subarea. Prior to fiscal year 2015-16, the A/C distributed RPTTF, pass through payments, and residual revenue to the Lake Forest Successor Agency ("Lake Forest SA") and its taxing entities. Starting with the 15-16A distribution, the A/C changed how it represents the Lake Forest SA's RPTTF by including it in the County of Orange Successor Agency's distribution. Residual revenues are still distributed under the "Lake Forest" column on the RPTTF report. Pass through payments, however, are included under "Orange County."

OCFA reported pass-through payments received from Lake Forest in fiscal years 2015-16 through 2017-18. Therefore, Table 4C in Appendix E shows a pass-through payment for this year. Future pass-through payments are calculated assuming the payment to Lake Forest grows at the same rate as assessed value. As the A/C may change its approach on future RPTTF reports, residual and pass through payments identified in this Report as coming from Lake Forest may be shown by the A/C as coming from "Lake Forest" and/or "Orange County."

Mission Viejo Pass Throughs and Excess Revenue

OCFA receives 100% of its share of the incremental property tax in the Mission Viejo Successor Agency's ("Mission Viejo SA") project areas as the result of a negotiated agreement. The California Health and Safety Code prohibits taxing entities from receiving more than 100% of their share of the property tax. However, because the A/C shows OCFA receiving Excess Revenues from the Mission Viejo SA, this Report projects that revenue following the A/C's methodology to maximize the projections' accuracy.

San Juan Capistrano Excess Revenue

The San Juan Capistrano Successor Agency ("San Juan Capistrano SA") has a mix of loans.

- One of these loans has no restrictions on repayment and is fully due.
- Two loans have no restrictions on repayment, but currently have only interest due. The principal on these loans will be due after March 1, 2021.
- Two loans are restricted in their payment per California Health and Safety Code Section 34191.4 and are fully due.

The characteristics of these loans result in an ebb and flow of Excess Revenue for the San Juan Capistrano SA. This Report projects these loans' repayments inferring their priority and timing from the San Juan Capistrano SA's approach on the ROPS 17-18 and the DOF determination letter.

Potential Revenue from Former RDA owned Property Disposition

All successor agencies are required to prepare Long Range Property Management Plans ("LRPMPs"). Either all or almost all have already done so and had their LRPMP approved by DOF. The LRPMPs specify how each successor agency will dispose of real property formerly owned by the redevelopment agency and now in the trust of the successor agency. For those properties that are sold, the proceeds can be used for sale-related costs and payment of enforceable obligations, the balance being reserved for distribution to affected taxing entities in the same proportions as Excess Revenues. SFF Jurisdictions' ROPS forms have already shown "Other Funds" being spent on enforceable obligations. These may be coming from property sale proceeds.

It is unclear when the SFF Jurisdictions whose successor agencies own property will completely sell their property and exactly how much revenue for OCFA will result from those sales. OCFA will find out about these property sales when they occur from the A/C, who is also in charge of distributing the proceeds as described above.

CONCLUSION

Economic indicators and market forecasts suggest that assessed values in Orange County will continue to increase at consistent and sustained levels during 2018. Factors such as robust levels of expected construction, higher employment, and a stronger industrial, retail and office markets will continue to drive property values up. Median home prices in Orange County have risen above pre-recession levels.

Rising assessed values in redevelopment project areas will continue to increase Pass Throughs for OCFA at a steady rate until successor agencies dissolve. After that, decreases in Pass Throughs will generally be offset with increases in Ad Valorem revenues. Meanwhile, Excess Revenues are still limited by a few large loan repayments, but will increase greatly after those loans are repaid. Pass Through Revenues are therefore expected to increase significantly for OCFA, though they constitute a relatively small portion of total property tax revenues from the SFF Jurisdictions.

RSG recommends that OCFA prepare for a 5.93% growth rate in total property tax revenue for fiscal year 2018-19, including Ad Valorem Revenues and Pass Through Revenues. After that, RSG believes that growth in total property tax revenue will continue in 2019-20 at 5.38%. In fiscal years 2020-21 through 2022-23, annual growth rates of 3.42%, 3.34%, and 5.40%, respectively, have been projected based on the actual 10-year average annual growth in the Jurisdictions and change in Pass Through Revenues.

Disclaimer

In preparation of this Report and the Projections, RSG has attempted to consider all factors that could affect OCFA's ad valorem property tax revenues, pass through revenues, and Excess Revenues from the Jurisdictions. The goal of this Report is to provide OCFA with a forecast of revenue, or estimates of revenue, that can serve as a tool by OCFA for financial planning and budget development. **The revenue projections provided in this Report are not intended to be used for city budgeting forecasting purposes or public financings.** While precautions have been taken to maximize the accuracy of the data, we cannot ensure the accuracy of third-party data sources or that projected valuations will be realized.

APPENDIX A

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**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 1
ORANGE COUNTY FIRE AUTHORITY
Property Tax Revenue Projections
Fiscal Years 2017-18 through 2022-23**

1) CITY OF ALISO VIEJO	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured	9,367,947,583										
Secured-HOX value	52,238,200										
Secured total	9,420,185,783	2.00%	9,608,589,499	3.05%	10,130,999,439	1.90%	10,387,311,166.6	2.75%	10,739,139,494.5	2.75%	11,086,357,915.8
<i>Projected Secured New Value</i>			<u>222,559,884</u>		<u>62,632,717</u>		<u>64,406,103</u>		<u>50,503,246</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	9,420,185,783		9,831,149,383		10,193,632,156		10,451,717,270		10,789,642,740		11,086,357,916
% of Sec. Growth	5.11%		4.36%		3.69%		2.53%		3.23%		2.75%
Unsecured	337,473,031										
Unsecured-HOX value	(56,000)										
Unsecured Total Subject to Growth	<u>337,417,031</u>	0.00%	<u>337,417,031</u>	0.00%	<u>337,417,031</u>	0.00%	<u>337,417,031</u>	0.00%	<u>337,417,031</u>	0.00%	<u>337,417,031</u>
Total Assessed Value	9,757,602,814		10,168,566,414		10,531,049,187		10,789,134,301		11,127,059,771		11,423,774,947
1% General Levy	97,576,028		101,685,664		105,310,492		107,891,343		111,270,598		114,237,749
OCFA Effective Tax Rate 17-18	11.52%		11.52%		11.52%		11.52%		11.52%		11.52%
Total Projected Property Tax Revenue (includes HOX rev.)	\$11,242,937		\$11,716,459		\$12,134,120		\$12,431,492		\$12,820,857		\$13,162,740
2) CITY OF CYPRESS	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured (Net of CRA Increment)	5,528,570,496										
Secured-HOX value	56,314,891										
less CRA secured base	(224,654,070)										
Secured total	5,360,231,317	2.00%	5,467,435,943	3.05%	5,769,529,272	1.90%	5,995,497,842	2.75%	6,172,742,938	2.75%	6,342,493,369
<i>Projected Secured New Value</i>			<u>131,330,939</u>		<u>114,178,129</u>		<u>12,037,864</u>		<u>0</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	5,360,231,317		5,598,766,882		5,883,707,401		6,007,535,706		6,172,742,938		6,342,493,369
% of Sec. Growth	4.17%		4.45%		5.09%		2.10%		2.75%		2.75%
Unsecured (Net of CRA Increment)	270,506,383										
Unsecured-HOX value	(238,000)										
less CRA unsecured base	(13,780,011)										
Unsecured Total Subject to Growth	<u>256,488,372</u>	0.00%	<u>256,488,372</u>	0.00%	<u>256,488,372</u>	0.00%	<u>256,488,372</u>	0.00%	<u>256,488,372</u>	0.00%	<u>256,488,372</u>
CRA Base Yr. Value (constant)	<u>238,434,081</u>		<u>238,434,081</u>		<u>238,434,081</u>		<u>238,434,081</u>		<u>238,434,081</u>		<u>238,434,081</u>
Total Assessed Value	5,855,153,770		6,093,689,335		6,378,629,854		6,502,458,159		6,667,665,391		6,837,415,822
1% General Levy	58,551,538		60,936,893		63,786,299		65,024,582		66,676,654		68,374,158
OCFA Effective Tax Rate 17-18	8.66%		8.66%		8.66%		8.66%		8.66%		8.66%
Total Projected Property Tax Revenue (includes HOX rev.)	\$5,070,401		\$5,276,966		\$5,523,717		\$5,630,949		\$5,774,014		\$5,921,013

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 1
ORANGE COUNTY FIRE AUTHORITY
Property Tax Revenue Projections
Fiscal Years 2017-18 through 2022-23**

3) CITY OF DANA POINT	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured	11,774,498,772										
Secured-HOX value	42,300,543										
Secured total	11,816,799,315	2.00%	12,053,135,301	3.05%	12,795,078,469	1.90%	13,339,708,080	2.75%	13,804,702,784	2.75%	14,184,963,193
<i>Projected Secured New Value</i>			<u>363,243,611</u>		<u>295,901,001</u>		<u>95,525,773</u>		<u>614,192</u>		<u>85,478,338</u>
TOTAL SECURED SUBJECT TO GROWTH	11,816,799,315		12,416,378,913		13,090,979,470		13,435,233,853		13,805,316,976		14,270,441,530
% of Sec. Growth	7.68%		5.07%		5.43%		2.63%		2.75%		3.37%
Unsecured	367,789,153										
Unsecured-HOX value	(28,000)										
Unsecured Total Subject to Growth	<u>367,761,153</u>	0.00%	<u>367,761,153</u>	0.00%	<u>367,761,153</u>	0.00%	<u>367,761,153</u>	0.00%	<u>367,761,153</u>	0.00%	<u>367,761,153</u>
Total Assessed Value	12,184,560,468		12,784,140,066		13,458,740,623		13,802,995,006		14,173,078,129		14,638,202,683
1% General Levy	121,845,605		127,841,401		134,587,406		138,029,950		141,730,781		146,382,027
OCFA Effective Tax Rate 17-18	11.34%		11.34%		11.34%		11.34%		11.34%		11.34%
Total Projected Property Tax Revenue (includes HOX rev.)	\$13,821,426		\$14,501,552		\$15,266,778		\$15,657,280		\$16,077,079		\$16,604,689
4) CITY OF IRVINE	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured (Net of CRA Increment)	64,446,988,779										
Secured-HOX value	223,609,495										
less CRA secured base	(171,921)										
Secured total	64,670,426,353	3.50%	66,933,891,275	3.05%	71,924,529,741	1.90%	74,923,747,507	2.75%	78,610,577,366	2.75%	81,540,730,421
<i>Projected Secured New Value</i>			<u>2,861,867,814</u>		<u>1,602,209,716</u>		<u>1,582,897,131</u>		<u>747,797,740</u>		<u>512,405,734</u>
TOTAL SECURED SUBJECT TO GROWTH	64,670,426,353		69,795,759,089		73,526,739,457		76,506,644,638		79,358,375,106		82,053,136,155
% of Sec. Growth	8.88%		7.93%		5.35%		4.05%		3.73%		3.40%
Unsecured (Net of CRA Increment)	4,092,582,812										
Unsecured-HOX value	(350,000)										
less CRA unsecured base	(3,803,150)										
Unsecured Total Subject to Growth	<u>4,088,429,662</u>	0.00%	<u>4,088,429,662</u>	0.00%	<u>4,088,429,662</u>	0.00%	<u>4,088,429,662</u>	0.00%	<u>4,088,429,662</u>	0.00%	<u>4,088,429,662</u>
CRA Base Yr. Value (constant)	<u>3,975,071</u>		<u>3,975,071</u>		<u>3,975,071</u>		<u>3,975,071</u>		<u>3,975,071</u>		<u>3,975,071</u>
Total Assessed Value	68,762,831,086		73,888,163,822		77,619,144,190		80,599,049,371		83,450,779,839		86,145,540,888
1% General Levy	687,628,311		738,881,638		776,191,442		805,990,494		834,507,798		861,455,409
OCFA Effective Tax Rate 17-18	12.51%		12.51%		12.51%		12.51%		12.51%		12.51%
Total Projected Property Tax Revenue (includes HOX rev.)	\$86,025,009		\$92,437,002		\$97,104,605		\$100,832,584		\$104,400,211		\$107,771,463

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 1
ORANGE COUNTY FIRE AUTHORITY
Property Tax Revenue Projections
Fiscal Years 2017-18 through 2022-23**

5) CITY OF LAGUNA HILLS	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured (Net of CRA Increment)	6,541,305,068										
Secured-HOX value	38,304,200										
less CRA secured base	(8,969,078)										
Secured total	6,570,640,190	2.00%	6,702,052,994	3.05%	7,156,364,489	1.90%	7,460,028,804	2.75%	7,673,010,413	2.75%	8,076,160,699
Projected Secured New Value			<u>242,502,551</u>		<u>164,566,624</u>		<u>7,621,233</u>		<u>187,000,000</u>		<u>166,545,576</u>
TOTAL SECURED SUBJECT TO GROWTH	6,570,640,190		6,944,555,545		7,320,931,113		7,467,650,037		7,860,010,413		8,242,706,275
% of Sec. Growth	3.65%		5.69%		5.42%		2.00%		5.25%		4.87%
Unsecured (Net of CRA Increment)	139,392,161										
Unsecured-HOX value	(28,000)										
less CRA unsecured base	(1,579,216)										
Unsecured Total Subject to Growth	<u>137,784,945</u>	0.00%	<u>137,784,945</u>	0.00%	<u>137,784,945</u>	0.00%	<u>137,784,945</u>	0.00%	<u>137,784,945</u>	0.00%	<u>137,784,945</u>
CRA Base Yr. Value (constant)	<u>10,548,294</u>		<u>10,548,294</u>		<u>10,548,294</u>		<u>10,548,294</u>		<u>10,548,294</u>		<u>10,548,294</u>
Total Assessed Value	6,718,973,429		7,092,888,784		7,469,264,352		7,615,983,276		8,008,343,652		8,391,039,514
1% General Levy	67,189,734		70,928,888		74,692,644		76,159,833		80,083,437		83,910,395
OCFA Effective Tax Rate 17-18	10.34%		10.34%		10.34%		10.34%		10.34%		10.34%
Total Projected Property Tax Revenue (includes HOX rev.)	\$6,949,145		\$7,335,870		\$7,725,139		\$7,876,884		\$8,282,686		\$8,678,491
6) CITY OF LAGUNA NIGUEL	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured	15,051,217,519										
Secured-HOX value	89,192,600										
Secured total	15,140,410,119	2.00%	15,443,218,321	3.05%	16,209,997,970	1.90%	16,684,878,210	2.75%	17,147,225,897	2.75%	17,683,732,432
Projected Secured New Value			<u>287,007,753</u>		<u>163,778,487</u>		<u>3,419,500</u>		<u>63,219,293</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	15,140,410,119		15,730,226,074		16,373,776,457		16,688,297,710		17,210,445,190		17,683,732,432
% of Sec. Growth	4.93%		3.90%		4.09%		1.92%		3.13%		2.75%
Unsecured	201,786,751										
Unsecured-HOX value	(203,000)										
Unsecured Total Subject to Growth	<u>201,583,751</u>	0.00%	<u>201,583,751</u>	0.00%	<u>201,583,751</u>	0.00%	<u>201,583,751</u>	0.00%	<u>201,583,751</u>	0.00%	<u>201,583,751</u>
Total Assessed Value	15,341,993,870		15,931,809,825		16,575,360,208		16,889,881,461		17,412,028,941		17,885,316,183
1% General Levy	153,419,939		159,318,098		165,753,602		168,898,815		174,120,289		178,853,162
OCFA Effective Tax Rate 17-18	10.47%		10.47476%		10.47476%		10.47476%		10.47476%		10.47476%
Total Projected Property Tax Revenue (includes HOX rev.)	\$16,070,368		\$16,688,186		\$17,362,289		\$17,691,743		\$18,238,679		\$18,734,436

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 1
ORANGE COUNTY FIRE AUTHORITY
Property Tax Revenue Projections
Fiscal Years 2017-18 through 2022-23**

7) CITY OF LAGUNA WOODS	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured	2,870,603,306										
Secured-HOX value	47,363,341										
Secured total	2,917,966,647	2.00%	2,976,325,980	3.05%	3,146,828,621	1.90%	3,224,617,533	2.75%	3,313,582,215	2.75%	3,404,705,726
<i>Projected Secured New Value</i>			<u>77,365,064</u>		<u>17,663,561</u>		<u>280,000</u>		<u>0</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	2,917,966,647		3,053,691,044		3,164,492,182		3,224,897,533		3,313,582,215		3,404,705,726
% of Sec. Growth	6.23%		4.65%		3.63%		1.91%		2.75%		2.75%
Unsecured	32,598,829										
Unsecured-HOX value	(855,400)										
Unsecured Total Subject to Growth	<u>31,743,429</u>	0.00%	<u>31,743,429</u>	0.00%	<u>31,743,429</u>	0.00%	<u>31,743,429</u>	0.00%	<u>31,743,429</u>	0.00%	<u>31,743,429</u>
Total Assessed Value	2,949,710,076		3,085,434,473		3,196,235,611		3,256,640,962		3,345,325,644		3,436,449,155
1% General Levy	29,497,101		30,854,345		31,962,356		32,566,410		33,453,256		34,364,492
OCFA Effective Tax Rate 17-18	11.70%		11.69609%		11.69609%		11.69609%		11.69609%		11.69609%
Total Projected Property Tax Revenue (includes HOX rev.)	\$3,450,009		\$3,608,753		\$3,738,347		\$3,808,998		\$3,912,724		\$4,019,303
8) CITY OF LAKE FOREST	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured (Net of CRA Increment)	12,989,266,216										
Secured-HOX value	96,023,511										
less CRA secured base	(350,177,903)										
Secured total	12,735,111,824	2.00%	12,989,814,060	3.05%	14,216,760,109	1.90%	15,115,227,064	2.75%	16,176,477,443	2.75%	17,174,457,155
<i>Projected Secured New Value</i>			<u>806,168,578</u>		<u>616,632,496</u>		<u>628,303,294</u>		<u>538,322,708</u>		<u>148,766,706</u>
TOTAL SECURED SUBJECT TO GROWTH	12,735,111,824		13,795,982,638		14,833,392,605		15,743,530,358		16,714,800,151		17,323,223,862
% of Sec. Growth	7.78%		8.33%		7.52%		6.14%		6.17%		3.64%
Unsecured (Net of CRA Increment)	809,504,956										
Unsecured-HOX value	(133,000)										
less CRA unsecured base	(21,924,943)										
Unsecured Total Subject to Growth	<u>787,447,013</u>	0.00%	<u>787,447,013</u>	0.00%	<u>787,447,013</u>	0.00%	<u>787,447,013</u>	0.00%	<u>787,447,013</u>	0.00%	<u>787,447,013</u>
CRA base yr value	<u>372,102,846</u>		<u>372,102,846</u>		<u>372,102,846</u>		<u>372,102,846</u>		<u>372,102,846</u>		<u>372,102,846</u>
Total Assessed Value	13,894,661,683		14,955,532,497		15,992,942,464		16,903,080,217		17,874,350,010		18,482,773,721
1% General Levy	138,946,617		149,555,325		159,929,425		169,030,802		178,743,500		184,827,737
OCFA Effective Tax Rate 17-18	11.11%		11.10814%		11.10814%		11.10814%		11.10814%		11.10814%
Total Projected Property Tax Revenue (includes HOX rev.)	\$15,434,382		\$16,612,811		\$17,765,181		\$18,776,174		\$19,855,074		\$20,530,920

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 1
ORANGE COUNTY FIRE AUTHORITY
Property Tax Revenue Projections
Fiscal Years 2017-18 through 2022-23**

9)	CURRENT YEAR	Year 1 Growth Factor	YEAR 1	Year 2 Growth Factor	YEAR 2	Year 3 Growth Factor	YEAR 3	Year 4 Growth Factor	YEAR 4	Year 5 Growth Factor	YEAR 5
CITY OF LA PALMA	2017-18		2018-19		2019-20		2020-21		2021-22		2022-23
Secured (Net of CRA Increment)	1,644,929,427										
Secured-HOX value	19,164,600										
less CRA secured base	(79,969,411)										
Secured total	1,584,124,616	2.00%	1,615,807,108	3.05%	1,705,536,595	1.90%	1,744,242,894	2.75%	1,792,209,574	2.75%	1,841,495,337
Projected Secured New Value			<u>39,250,238</u>		<u>6,183,615</u>		<u>0</u>		<u>0</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	1,584,124,616		1,655,057,346		1,711,720,210		1,744,242,894		1,792,209,574		1,841,495,337
% of Sec. Growth	4.38%		4.48%		3.42%		1.90%		2.75%		2.75%
Unsecured (Net of CRA Increment)	20,180,269										
Unsecured-HOX value	(63,000)										
less CRA unsecured base	(12,864,602)										
Unsecured Total Subject to Growth	<u>7,252,667</u>	0.00%	<u>7,252,667</u>	0.00%	<u>7,252,667</u>	0.00%	<u>7,252,667</u>	0.00%	<u>7,252,667</u>	0.00%	<u>7,252,667</u>
CRA base yr value	<u>92,834,013</u>		<u>92,834,013</u>		<u>92,834,013</u>		<u>92,834,013</u>		<u>92,834,013</u>		<u>92,834,013</u>
Total Assessed Value	1,684,211,296		1,755,144,026		1,811,806,890		1,844,329,574		1,892,296,254		1,941,582,017
1% General Levy	16,842,113		17,551,440		18,118,069		18,443,296		18,922,963		19,415,820
OCFA Effective Tax Rate 17-18	9.49%		9.48976%		9.48976%		9.48976%		9.48976%		9.48976%
Total Projected Property Tax Revenue (includes HOX rev.)	\$1,598,276		\$1,665,590		\$1,719,361		\$1,750,225		\$1,795,744		\$1,842,515
10)	CURRENT YEAR	Year 1 Growth Factor	YEAR 1	Year 2 Growth Factor	YEAR 2	Year 3 Growth Factor	YEAR 3	Year 4 Growth Factor	YEAR 4	Year 5 Growth Factor	YEAR 5
CITY OF LOS ALAMITOS	2017-18		2018-19		2019-20		2020-21		2021-22		2022-23
Secured	1,891,968,329										
Secured-HOX value	10,033,592										
Secured total	1,902,001,921	2.00%	1,940,041,959	3.05%	2,050,449,627	1.90%	2,097,908,377	2.75%	2,166,903,357	2.75%	2,226,493,199
Projected Secured New Value			<u>49,719,930</u>		<u>8,341,714</u>		<u>11,000,000</u>		<u>0</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	1,902,001,921		1,989,761,889		2,058,791,341		2,108,908,377		2,166,903,357		2,226,493,199
% of Sec. Growth	5.28%		4.61%		3.47%		2.43%		2.75%		2.75%
Unsecured	166,436,745										
Unsecured-HOX value	(99,400)										
Unsecured Total Subject to Growth	<u>166,337,345</u>	0.00%	<u>166,337,345</u>	0.00%	<u>166,337,345</u>	0.00%	<u>166,337,345</u>	0.00%	<u>166,337,345</u>	0.00%	<u>166,337,345</u>
Total Assessed Value	2,068,339,266		2,156,099,234		2,225,128,686		2,275,245,722		2,333,240,702		2,392,830,544
1% General Levy	20,683,393		21,560,992		22,251,287		22,752,457		23,332,407		23,928,305
OCFA Effective Tax Rate 17-18	9.62%		9.62464%		9.62464%		9.62464%		9.62464%		9.62464%
Total Projected Property Tax Revenue (includes HOX rev.)	\$1,990,701		\$2,075,167		\$2,141,605		\$2,189,841		\$2,245,659		\$2,303,012

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 1
ORANGE COUNTY FIRE AUTHORITY
Property Tax Revenue Projections
Fiscal Years 2017-18 through 2022-23**

11) CITY OF MISSION VIEJO	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured (Net of CRA Increment)	15,244,380,461										
Secured-HOX value	134,264,200										
less CRA secured base	(278,607,753)										
Secured total	15,100,036,908	2.00%	15,402,037,646	3.05%	16,285,011,022	1.90%	16,798,582,583	2.75%	17,292,483,783	2.75%	17,768,027,087
Projected Secured New Value			<u>400,981,298</u>		<u>200,349,707</u>		<u>31,085,333</u>		<u>0</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	15,100,036,908		15,803,018,944		16,485,360,729		16,829,667,916		17,292,483,783		17,768,027,087
% of Sec. Growth	4.35%		4.66%		4.32%		2.09%		2.75%		2.75%
Unsecured (Net of CRA Increment)	213,885,496										
Unsecured-HOX value	(252,000)										
less CRA unsecured base	(63,479,745)										
Unsecured Total Subject to Growth	150,153,751	0.00%	150,153,751	0.00%	150,153,751	0.00%	150,153,751	0.00%	150,153,751	0.00%	150,153,751
CRA base yr value	342,087,498		342,087,498		342,087,498		342,087,498		342,087,498		342,087,498
Total Assessed Value	15,592,278,157		16,295,260,193		16,977,601,978		17,321,909,165		17,784,725,032		18,260,268,336
1% General Levy	155,922,782		162,952,602		169,776,020		173,219,092		177,847,250		182,602,683
OCFA Effective Tax Rate 17-18	10.90%		10.90108%		10.90108%		10.90108%		10.90108%		10.90108%
Total Projected Property Tax Revenue (includes HOX rev.)	\$16,997,261		\$17,763,587		\$18,507,413		\$18,882,745		\$19,387,264		\$19,905,658
12) CITY OF RANCHO SANTA MARGARITA	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured	7,972,152,477										
Secured-HOX value	58,382,800										
Secured total	8,030,535,277	2.00%	8,191,145,983	3.05%	8,603,422,257	1.90%	8,799,973,395	2.75%	9,041,972,663	2.75%	9,290,626,911
Projected Secured New Value			<u>157,638,352</u>		<u>32,469,200</u>		<u>0</u>		<u>0</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	8,030,535,277		8,348,784,335		8,635,891,457		8,799,973,395		9,041,972,663		9,290,626,911
% of Sec. Growth Above	4.87%		3.96%		3.44%		1.90%		2.75%		2.75%
Unsecured	216,683,634										
Unsecured-HOX value	(36,400)										
Unsecured Total Subject to Growth	216,647,234	0.00%	216,647,234	0.00%	216,647,234	0.00%	216,647,234	0.00%	216,647,234	0.00%	216,647,234
Total Assessed Value	8,247,182,511		8,565,431,569		8,852,538,691		9,016,620,629		9,258,619,897		9,507,274,145
1% General Levy	82,471,825		85,654,316		88,525,387		90,166,206		92,586,199		95,072,741
OCFA Effective Tax Rate 17-18	12.29%		12.28729%		12.28729%		12.28729%		12.28729%		12.28729%
Total Projected Property Tax Revenue (includes HOX rev.)	\$10,133,553		\$10,524,595		\$10,877,372		\$11,078,984		\$11,376,336		\$11,681,865

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 1
ORANGE COUNTY FIRE AUTHORITY
Property Tax Revenue Projections
Fiscal Years 2017-18 through 2022-23**

13) CITY OF SAN JUAN CAPISTRANO	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured (Net of CRA Increment)	6,571,524,119										
Secured-HOX value	41,880,988										
less CRA secured base	(90,557,444)										
Secured total	6,522,847,663	2.00%	6,653,304,616	3.05%	7,047,633,161	1.90%	7,456,915,336	2.75%	7,896,605,186	2.75%	8,137,726,554
Projected Secured New Value			<u>185,737,752</u>		<u>270,242,537</u>		<u>228,345,186</u>		<u>23,323,333</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	6,522,847,663		6,839,042,369		7,317,875,698		7,685,260,522		7,919,928,520		8,137,726,554
% of Sec. Growth	5.88%		4.85%		7.00%		5.02%		3.05%		2.75%
Unsecured (Net of CRA Increment)	54,768,333										
Unsecured-HOX value	(64,400)										
less CRA unsecured base	(15,627,291)										
Unsecured Total Subject to Growth	<u>39,076,642</u>	0.00%	<u>39,076,642</u>	0.00%	<u>39,076,642</u>	0.00%	<u>39,076,642</u>	0.00%	<u>39,076,642</u>	0.00%	<u>39,076,642</u>
CRA base yr value	<u>106,184,735</u>		<u>106,184,735</u>		<u>106,184,735</u>		<u>106,184,735</u>		<u>106,184,735</u>		<u>106,184,735</u>
Total Assessed Value	6,668,109,040		6,984,303,746		7,463,137,075		7,830,521,899		8,065,189,897		8,282,987,931
1% General Levy	66,681,090		69,843,037		74,631,371		78,305,219		80,651,899		82,829,879
OCFA Effective Tax Rate 17-18	11.62%		11.62227%		11.62227%		11.62227%		11.62227%		11.62227%
Total Projected Property Tax Revenue (includes HOX rev.)	\$7,749,858		\$8,117,348		\$8,673,861		\$9,100,846		\$9,373,584		\$9,626,714
14) CITY OF VILLA PARK	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured	1,736,663,115										
Secured-HOX value	10,204,600										
Secured total	1,746,867,715	2.00%	1,781,805,069	3.05%	1,878,519,773	1.90%	1,929,482,536	2.75%	1,982,543,306	2.75%	2,037,063,247
Projected Secured New Value			<u>41,115,623</u>		<u>14,986,150</u>		<u>0</u>		<u>0</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	1,746,867,715		1,822,920,692		1,893,505,923		1,929,482,536		1,982,543,306		2,037,063,247
% of Sec. Growth	4.91%		4.35%		3.87%		1.90%		2.75%		2.75%
Unsecured	8,405,667										
Unsecured-HOX value	(14,000.00)										
Unsecured Total Subject to Growth	<u>8,391,667</u>	0.00%	<u>8,391,667</u>	0.00%	<u>8,391,667</u>	0.00%	<u>8,391,667</u>	0.00%	<u>8,391,667</u>	0.00%	<u>8,391,667</u>
Total Assessed Value	1,755,259,382		1,831,312,359		1,901,897,590		1,937,874,203		1,990,934,973		2,045,454,914
1% General Levy	17,552,594		18,313,124		19,018,976		19,378,742		19,909,350		20,454,549
OCFA Effective Tax Rate 17-18	10.18%		10.18301%		10.18301%		10.18301%		10.18301%		10.18301%
Total Projected Property Tax Revenue (includes HOX rev.)	\$1,787,383		\$1,864,828		\$1,936,705		\$1,973,340		\$2,027,372		\$2,082,890

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 1
ORANGE COUNTY FIRE AUTHORITY
Property Tax Revenue Projections
Fiscal Years 2017-18 through 2022-23**

15) CITY OF YORBA LINDA	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured (Net of CRA Increment)	12,128,412,927										
Secured-HOX value	96,747,799										
less CRA secured base	(97,418,901)										
Secured total	12,127,741,825	2.00%	12,370,296,662	3.05%	13,099,524,598	1.90%	13,566,024,763	2.75%	13,976,717,039	2.75%	14,377,134,013
Projected Secured New Value			<u>341,517,601</u>		<u>213,551,716</u>		<u>36,619,556</u>		<u>15,627,500</u>		<u>0</u>
TOTAL SECURED SUBJECT TO GROWTH	12,127,741,825		12,711,814,263		13,313,076,313		13,602,644,320		13,992,344,539		14,377,134,013
% of Sec. Growth	5.03%		4.82%		4.73%		2.18%		2.86%		2.75%
Unsecured (Net of CRA Increment)	60,250,916										
Unsecured-HOX value	(175,000)										
less CRA unsecured base	(12,460,697)										
Unsecured Total Subject to Growth	47,615,219	0.00%	47,615,219	0.00%	47,615,219	0.00%	47,615,219	0.00%	47,615,219	0.00%	47,615,219
CRA base yr value	109,879,598		109,879,598		109,879,598		109,879,598		109,879,598		109,879,598
Total Assessed Value	12,285,236,642		12,869,309,080		13,470,571,130		13,760,139,137		14,149,839,356		14,534,628,830
1% General Levy	122,852,366		128,693,091		134,705,711		137,601,391		141,498,394		145,346,288
OCFA Effective Tax Rate 17-18	9.31%		9.30614%		9.30614%		9.30614%		9.30614%		9.30614%
Total Projected Property Tax Revenue (includes HOX rev.)	\$11,432,809		\$11,976,355		\$12,535,897		\$12,805,373		\$13,168,034		\$13,526,124
16) COUNTY UNINCORPORATED	CURRENT YEAR 2017-18	Year 1 Growth Factor	YEAR 1 2018-19	Year 2 Growth Factor	YEAR 2 2019-20	Year 3 Growth Factor	YEAR 3 2020-21	Year 4 Growth Factor	YEAR 4 2021-22	Year 5 Growth Factor	YEAR 5 2022-23
Secured (Net of CRA Increment)	25,569,841,923										
Secured-HOX value	151,073,958										
less CRA secured base	(480,731,852)										
Secured total	25,240,184,029	2.00%	25,744,987,710	3.05%	27,536,700,153	1.90%	29,522,077,263	2.75%	31,058,363,025	2.75%	31,913,110,956
Projected Secured New Value			<u>976,700,940</u>		<u>1,434,916,396</u>		<u>705,040,036</u>		<u>625,739</u>		<u>973,250,176</u>
TOTAL SECURED SUBJECT TO GROWTH	25,240,184,029		26,721,688,649		28,971,616,549		30,227,117,300		31,058,988,765		32,886,361,132
% of Sec. Growth	6.81%		5.87%		8.42%		4.33%		2.75%		5.88%
Unsecured (Net of CRA Increment)	439,118,052										
Unsecured-HOX value	(463,400)										
less CRA unsecured base	(128,813,324)										
Unsecured Total Subject to Growth	309,841,328	0.00%	309,841,328	0.00%	309,841,328	0.00%	309,841,328	0.00%	309,841,328	0.00%	309,841,328
CRA base yr value	609,545,176		609,545,176		609,545,176		609,545,176		609,545,176		609,545,176
Total Assessed Value	26,159,570,533		27,641,075,153		29,891,003,053		31,146,503,804		31,978,375,269		33,805,747,636
1% General Levy	261,595,705		276,410,752		298,910,031		311,465,038		319,783,753		338,057,476
OCFA Effective Tax Rate 17-18	12.20%		12.19679%		12.19679%		12.19679%		12.19679%		12.19679%
Total Projected Property Tax Revenue (includes HOX rev.)	\$31,906,276		\$33,713,236		\$36,457,426		\$37,988,734		\$39,003,350		\$41,232,157

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 1
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Property Tax Revenue Projections
Fiscal Years 2017-18 through 2022-23**

17)	CURRENT YEAR	Year 1 Growth Factor	YEAR 1	Year 2 Growth Factor	YEAR 2	Year 3 Growth Factor	YEAR 3	Year 4 Growth Factor	YEAR 4	Year 5 Growth Factor	YEAR 5
TOTAL OCFA	2017-18		2018-19		2019-20		2020-21		2021-22		2022-23
Secured (Net of CRA Increment)	201,330,270,517										
Secured-HOX value	1,167,099,318										
less CRA secured base	(1,611,258,333)										
Secured total (net of CRA value)	200,886,111,502	2.48%	205,873,890,127	3.05%	219,556,885,296	1.90%	229,046,223,353	2.75%	238,845,256,483	2.75%	247,085,278,216
Projected Secured New Value			7,184,707,928		5,218,603,765		3,406,581,010		1,627,033,752		1,886,446,530
TOTAL SECURED SUBJECT TO GROWTH	200,886,111,502		213,058,598,055		224,775,489,061		232,452,804,363		240,472,290,234		248,971,724,746
% of Sec. Growth	6.70%		6.06%		5.50%		3.42%		3.45%		3.53%
Unsecured (Net of CRA Increment)	7,431,363,188										
Unsecured-HOX value	(3,059,000)										
less CRA unsecured base	(274,332,979)										
Unsecured Total Subject to Growth (net of CRA)	7,153,971,209	0.00%	7,153,971,209	0.00%	7,153,971,209	0.00%	7,153,971,209	0.00%	7,153,971,209	0.00%	7,153,971,209
CRA base yr value	1,885,591,312		1,885,591,312		1,885,591,312		1,885,591,312		1,885,591,312		1,885,591,312
Total Assessed Value	209,925,674,023		222,098,160,576		233,815,051,582		241,492,366,884		249,511,852,755		258,011,287,267
1% General Levy	2,099,256,740		2,220,981,606		2,338,150,516		2,414,923,669		2,495,118,528		2,580,112,873
OCFA Effective Tax Rate	11.51151%		11.52096%		11.52491%		11.53147%		11.53206%		11.53531%
Total Projected Property Tax Revenue (includes HOX rev.)	\$241,659,794		\$255,878,306		\$269,469,818		\$278,476,191		\$287,738,667		\$297,623,989
Percentage Change in Total Assessed Value	6.74%		5.80%		5.28%		3.28%		3.32%		3.41%
Percentage Change in Secured Property Tax Revenue	6.82%		6.11%		5.50%		3.46%		3.43%		3.54%
Percentage Change in Unsecured Property Tax Revenue	9.42%		0.00%		0.00%		0.00%		0.00%		0.00%

NOTES:

1. Assessed values are net of increases in assessed valuation from redevelopment project areas. Base year values of each redevelopment project area have been subtracted out for the purposes of the application of the annual growth factors. Base year values are added back into the total assessed value to ensure that taxes attributed to the redevelopment project areas base year values are included in RSG's estimates.

2. OCFA Tax Rates for each jurisdiction are calculated based on revenue received as reported in the Orange County Auditor-Controller's report "Accumulation of Combined Prior Year Levy and Current Year ATL." This revenue does not reflect any supplemental or delinquency assessments. The rates may differ very slightly from official rates.

APPENDIX B

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**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 2
ORANGE COUNTY FIRE AUTHORITY
New Value Summary
Projected Assessed Valuation Increase**

JURISDICTION	Year Value Added	New Sales Value (1)	New Building Permit Value	Projected New Development- Approved Projects	Projected New Development- In-Review Projects (2)	TOTAL
ALISO VIEJO	YR 2018-19	\$ 161,127,370	\$ 61,432,514			\$ 222,559,884
	YR 2019-20	33,774,841	28,857,876	-	-	62,632,717
	YR 2020-21		64,406,103	-	-	64,406,103
	YR 2021-22			12,958,697	37,544,549	50,503,246
	YR 2022-23			-	-	-
CYPRESS (3)	YR 2018-19	117,178,074	14,152,865			131,330,939
	YR 2019-20	13,817,674	25,364,724	50,245,731	24,750,000	114,178,129
	YR 2020-21		12,037,864	-	-	12,037,864
	YR 2021-22			-	-	-
	YR 2022-23			-	-	-
DANA POINT	YR 2018-19	346,955,042	16,288,569			363,243,611
	YR 2019-20	31,367,892	63,504,529	76,274,157	124,754,423	295,901,001
	YR 2020-21		42,026,790	53,498,983	-	95,525,773
	YR 2021-22			-	614,192	614,192
	YR 2022-23			8,976,806	76,501,532	85,478,338
IRVINE (3)	YR 2018-19	2,429,009,149	432,858,665			2,861,867,814
	YR 2019-20	230,828,549	562,180,844	809,200,323	-	1,602,209,716
	YR 2020-21		820,414,088	762,483,044	-	1,582,897,131
	YR 2021-22			747,797,740	-	747,797,740
	YR 2022-23			512,405,734	-	512,405,734
LAGUNA HILLS	YR 2018-19	188,174,777	54,327,774			242,502,551
	YR 2019-20	11,574,804	8,818,032	-	144,173,788	164,566,624
	YR 2020-21		6,392,000	-	1,229,233	7,621,233
	YR 2021-22			187,000,000	-	187,000,000
	YR 2022-23			-	166,545,576	166,545,576
LAGUNA NIGUEL	YR 2018-19	266,009,279	20,998,474			287,007,753
	YR 2019-20	42,476,267	121,302,220	-	-	163,778,487
	YR 2020-21		3,419,500	-	-	3,419,500
	YR 2021-22			-	63,219,293	63,219,293
	YR 2022-23			-	-	-

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

**TABLE 2
ORANGE COUNTY FIRE AUTHORITY
New Value Summary
Projected Assessed Valuation Increase**

JURISDICTION	Year Value Added	New Sales Value (1)	New Building Permit Value	Projected New Development- Approved Projects	Projected New Development- In-Review Projects (2)	TOTAL
LAGUNA WOODS	YR 2018-19	77,365,064	\$ -			\$ 77,365,064
	YR 2019-20	8,191,623	600,000	-	8,871,938	17,663,561
	YR 2020-21		280,000	-	-	280,000
	YR 2021-22			-	-	-
	YR 2022-23			-	-	-
LAKE FOREST (3)	YR 2018-19	651,635,394	154,533,184			806,168,578
	YR 2019-20	93,466,436	119,441,069	403,724,991	-	616,632,496
	YR 2020-21		77,522,070	491,847,933	58,933,290	628,303,294
	YR 2021-22			479,389,170	58,933,538	538,322,708
	YR 2022-23			89,832,920	58,933,786	148,766,706
LA PALMA (3)	YR 2018-19	33,945,271	5,304,967			39,250,238
	YR 2019-20	3,500,914	2,682,701	-	-	6,183,615
	YR 2020-21		-	-	-	-
	YR 2021-22			-	-	-
	YR 2022-23			-	-	-
LOS ALAMITOS	YR 2018-19	44,208,364	5,511,566			49,719,930
	YR 2019-20	6,851,714	-	-	1,490,000	8,341,714
	YR 2020-21		-	-	11,000,000	11,000,000
	YR 2021-22			-	-	-
	YR 2022-23			-	-	-
MISSION VIEJO (3)	YR 2018-19	387,059,311	13,921,987			400,981,298
	YR 2019-20	61,197,378	27,426,974	111,725,355	-	200,349,707
	YR 2020-21		31,085,333	-	-	31,085,333
	YR 2021-22			-	-	-
	YR 2022-23			-	-	-
RANCHO SANTA MARGARITA	YR 2018-19	153,138,352	4,500,000			157,638,352
	YR 2019-20	15,478,976	10,000,000	2,880,442	4,109,782	32,469,200
	YR 2020-21		-	-	-	-
	YR 2021-22			-	-	-
	YR 2022-23			-	-	-

TABLE 2
ORANGE COUNTY FIRE AUTHORITY
New Value Summary
Projected Assessed Valuation Increase

JURISDICTION	Year Value Added	New Sales Value (1)	New Building Permit Value	Projected New Development- Approved Projects	Projected New Development- In-Review Projects (2)	TOTAL
SAN JUAN CAPISTRANO (3)	YR 2018-19	163,205,226	\$ 22,532,526			\$ 185,737,752
	YR 2019-20	36,161,388	22,194,057	124,944,955	86,942,137	270,242,537
	YR 2020-21		27,069,269	88,445,000	112,830,917	228,345,186
	YR 2021-22			-	23,323,333	23,323,333
	YR 2022-23			-	-	-
VILLA PARK	YR 2018-19	41,115,623	-			41,115,623
	YR 2019-20	14,986,150	-	-	-	14,986,150
	YR 2020-21		-	-	-	-
	YR 2021-22			-	-	-
	YR 2022-23			-	-	-
YORBA LINDA (3)	YR 2018-19	329,884,127	11,633,474			341,517,601
	YR 2019-20	26,442,052	37,149,518	139,348,674	10,611,472	213,551,716
	YR 2020-21		11,590,450	-	25,029,107	36,619,556
	YR 2021-22			15,627,500	-	15,627,500
	YR 2022-23			-	-	-
COUNTY UNINCORPORATED (3)	YR 2018-19	729,456,195	247,244,745			976,700,940
	YR 2019-20	122,021,261	232,270,135	1,080,625,000	-	1,434,916,396
	YR 2020-21		313,687,536	343,472,500	47,880,000	705,040,036
	YR 2021-22			625,739	-	625,739
	YR 2022-23			952,027,233	21,222,943	973,250,176

Notes:

(1) Property sales are for the period January 1, 2017 through February 28, 2018.

(2) Projected New Development-In-Review Projects, as identified by each jurisdiction's staff, are tentative and pending entitlements and development agreements.

(3) Building permits, new development, and property sales within redevelopment project areas have been excluded from the Projections.

APPENDIX C

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**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

PROPERTY SALES SUMMARY ¹

TABLE 3

Jurisdiction	January - December 2013	% Increase of Sale Price over Total Assessed Value	January - December 2014	% Increase of Sale Price over Total Assessed Value	January - December 2015	% Increase of Sale Price over Total Assessed Value	January - December 2016	% Increase of Sale Price over Total Assessed Value	January - December 2017	% Increase of Sale Price over Total Assessed Value	# of Sales January - December 2017	January - February 2018	% Increase of Sale Price over Total Assessed Value	# of Sales January - February 2017
Aliso Viejo														
Sale Price	561,074,125		453,161,227		534,198,863		603,793,855		584,425,800			76,395,600		
Total Assessed Value	395,966,466		363,487,375		414,763,249		479,783,574		423,298,430			42,620,759		
Change over AV.	165,107,659	41.70%	89,673,852	24.67%	119,435,614	28.80%	124,010,281	25.85%	161,127,370	38.06%	781	33,774,841	79.25%	92
Cypress														
Sale Price	195,124,407		202,585,327		296,246,700		329,443,800		304,303,300			29,059,797		
Total Assessed Value	126,377,878		131,711,743		187,531,920		237,973,652		187,125,226			15,242,123		
Change over AV.	68,746,529	54.40%	70,873,584	53.81%	108,714,780	57.97%	91,470,148	38.44%	117,178,074	62.62%	369	13,817,674	90.65%	43
Dana Point														
Sale Price	638,979,569		546,726,209		683,472,700		836,742,500		824,362,700			90,515,600		
Total Assessed Value	388,811,831		352,270,272		428,109,063		548,396,600		477,407,658			59,147,708		
Change over AV.	250,167,738	64.34%	194,455,937	55.20%	255,363,637	59.65%	288,345,900	52.58%	346,955,042	72.67%	590	31,367,892	53.03%	63
Irvine														
Sale Price	2,792,849,294		2,338,575,364		3,332,359,354		3,457,313,403		4,925,865,394			477,160,410		
Total Assessed Value	1,940,030,132		1,597,555,704		2,165,074,306		2,288,669,545		2,496,856,245			246,331,861		
Change over AV.	852,819,162	43.96%	741,019,660	46.38%	1,167,285,048	53.91%	1,168,643,858	51.06%	2,429,009,149	97.28%	3,426	230,828,549	93.71%	383
Laguna Hills														
Sale Price	271,196,528		253,763,200		327,307,700		383,323,555		450,932,200			38,099,500		
Total Assessed Value	193,811,535		183,623,321		240,882,946		269,045,519		262,757,423			26,524,696		
Change over AV.	77,384,993	39.93%	70,139,879	38.20%	86,424,754	35.88%	114,278,036	42.48%	188,174,777	71.62%	435	11,574,804	43.64%	47
Laguna Niguel														
Sale Price	762,723,267		735,736,200		839,933,546		903,756,091		878,011,434			119,414,500		
Total Assessed Value	529,494,592		508,692,336		628,635,305		631,896,713		612,002,155			76,938,233		
Change over AV.	233,228,675	44.05%	227,043,864	44.63%	211,298,241	33.61%	271,859,378	43.02%	266,009,279	43.47%	1,005	42,476,267	55.21%	129
Laguna Woods														
Sale Price	133,097,726		125,086,900		137,726,100		226,089,100		196,966,700			20,769,000		
Total Assessed Value	104,948,069		81,876,992		92,570,917		141,862,612		119,601,636			12,577,377		
Change over AV.	28,149,657	26.82%	43,209,908	52.77%	45,155,183	48.78%	84,226,488	59.37%	77,365,064	64.69%	484	8,191,623	65.13%	53
Lake Forest														
Sale Price	530,309,653		507,123,537		852,407,436		777,501,674		1,335,419,115			158,454,500		
Total Assessed Value	385,906,783		366,788,276		576,773,392		489,927,414		683,783,721			64,988,064		
Change over AV.	144,402,870	37.42%	140,335,261	38.26%	275,634,044	47.79%	287,574,260	58.70%	651,635,394	95.30%	1,301	93,466,436	143.82%	168

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

PROPERTY SALES SUMMARY ¹

TABLE 3

Jurisdiction	January - December 2013	% Increase of Sale Price over Total Assessed Value	January - December 2014	% Increase of Sale Price over Total Assessed Value	January - December 2015	% Increase of Sale Price over Total Assessed Value	January - December 2016	% Increase of Sale Price over Total Assessed Value	January - December 2017	% Increase of Sale Price over Total Assessed Value	# of Sales January - December 2017	January - February 2018	% Increase of Sale Price over Total Assessed Value	# of Sales January - February 2017
La Palma														
Sale Price	54,460,360		56,910,000		63,741,000		70,939,500		73,266,600			10,009,000		
Total Assessed Value	34,553,292		34,088,608		40,743,880		46,978,061		39,321,329			6,508,086		
Change over AV.	19,907,068	57.61%	22,821,392	66.95%	22,997,120	56.44%	23,961,439	51.01%	33,945,271	86.33%	107	3,500,914	53.79%	14
Los Alamitos														
Sale Price	59,759,950		59,400,100		66,181,000		76,288,500		101,382,600			12,122,000		
Total Assessed Value	38,166,150		41,077,436		39,437,000		46,553,832		57,174,236			5,270,286		
Change over AV.	21,593,800	56.58%	18,322,664	44.61%	26,744,000	67.81%	29,734,668	63.87%	44,208,364	77.32%	91	6,851,714	130.01%	14
Mission Viejo														
Sale Price	760,626,288		709,184,982		888,290,036		902,017,978		1,055,706,900			137,989,273		
Total Assessed Value	541,436,500		482,993,446		617,845,125		631,295,422		668,647,589			76,791,895		
Change over AV.	219,189,788	40.48%	226,191,536	46.83%	270,444,911	43.77%	270,722,556	42.88%	387,059,311	57.89%	1,399	61,197,378	79.69%	181
Rancho Santa Margarita														
Sale Price	424,054,690		429,072,800		541,134,700		516,818,655		563,423,841			58,788,100		
Total Assessed Value	321,186,126		327,113,183		415,030,403		383,717,381		410,285,489			43,309,124		
Change over AV.	102,868,564	32.03%	101,959,617	31.17%	126,104,297	30.38%	133,101,274	34.69%	153,138,352	37.32%	862	15,478,976	35.74%	92
San Juan Capistrano														
Sale Price	314,957,004		379,079,300		358,406,500		464,973,418		487,197,629			94,853,000		
Total Assessed Value	210,069,707		257,529,162		250,654,230		325,563,229		323,992,403			58,691,612		
Change over AV.	104,887,297	49.93%	121,550,138	47.20%	107,752,270	42.99%	139,410,189	42.82%	163,205,226	50.37%	483	36,161,388	61.61%	76
Villa Park														
Sale Price	80,070,000		71,203,000		83,064,500		78,452,000		107,569,100			24,566,400		
Total Assessed Value	59,356,825		42,992,831		57,001,649		51,335,950		66,453,477			9,580,250		
Change over AV.	20,713,175	34.90%	28,210,169	65.62%	26,062,851	45.72%	27,116,050	52.82%	41,115,623	61.87%	78	14,986,150	156.43%	16
Yorba Linda														
Sale Price	700,616,927		682,720,501		668,929,927		610,392,141		820,890,758			64,198,100		
Total Assessed Value	494,003,955		457,812,712		473,856,212		446,176,249		491,006,631			37,756,048		
Change over AV.	206,612,972	41.82%	224,907,789	49.13%	195,073,715	41.17%	164,215,892	36.81%	329,884,127	67.19%	775	26,442,052	70.03%	79
Unincorporated Area														
Sale Price	1,445,610,934		1,354,822,200		1,505,150,754		1,742,030,191		2,008,047,746			274,119,100		
Total Assessed Value	1,061,908,286		970,995,212		1,090,999,167		1,272,048,419		1,278,591,551			152,097,839		
Change over AV.	383,702,648	36.13%	383,826,988	39.53%	414,151,587	37.96%	469,981,772	36.95%	729,456,195	57.05%	1,894	122,021,261	80.23%	231
Total All Areas														
Sale Price	9,725,510,722		8,905,150,847		11,178,550,816		11,979,876,361		14,717,771,817			1,686,513,880		
Total Assessed Value	6,826,028,127		6,200,608,609		7,719,908,764		8,291,224,172		8,598,305,199			934,375,961		
Change over AV.	2,899,482,595	42.48%	2,704,542,238	43.62%	3,458,642,052	44.80%	3,688,652,189	44.49%	6,119,466,618	71.17%	14,080	752,137,919	80.50%	1,681

¹ Years 2013-2016 exclude all resales from redevelopment project areas, multiparcel sales, partial sales, forced sales, non-arms length sales, and sales with undisclosed prices.

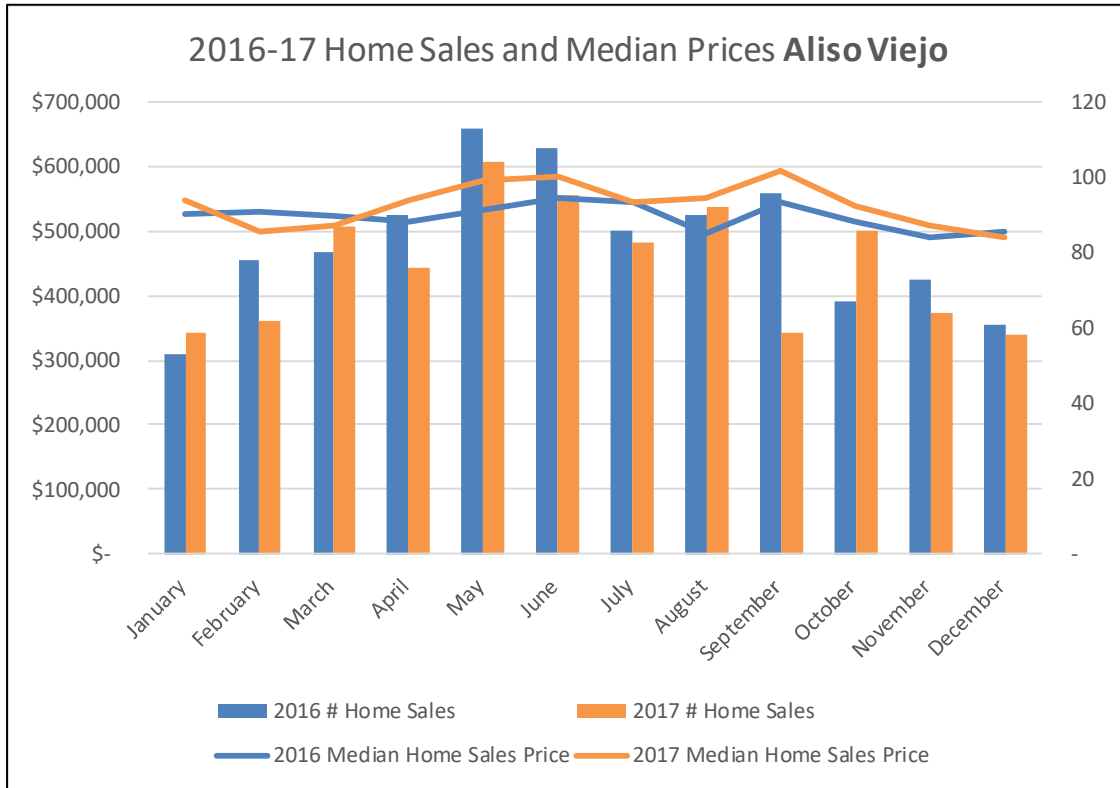
² Year 2017 excludes all resales from redevelopment project areas, forced sales, non-arms length sales, and sales with a price below the FY 17-18 assessed value.

Source: MetroScan- a product of CoreLogic

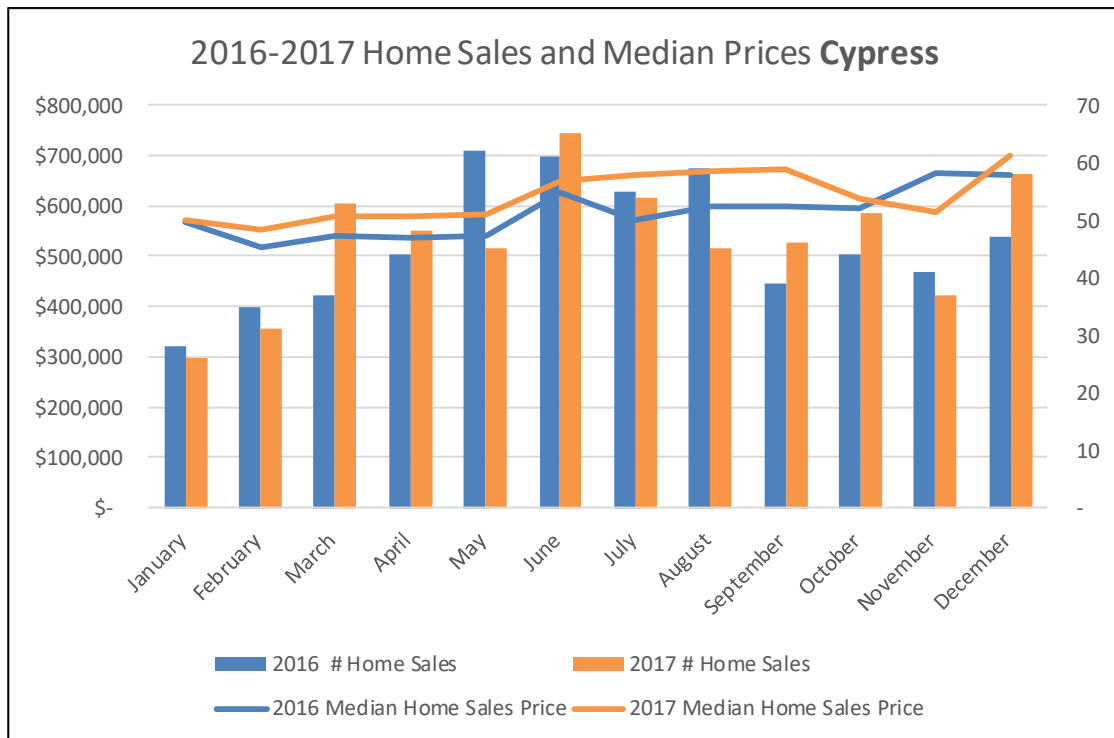
APPENDIX D

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**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

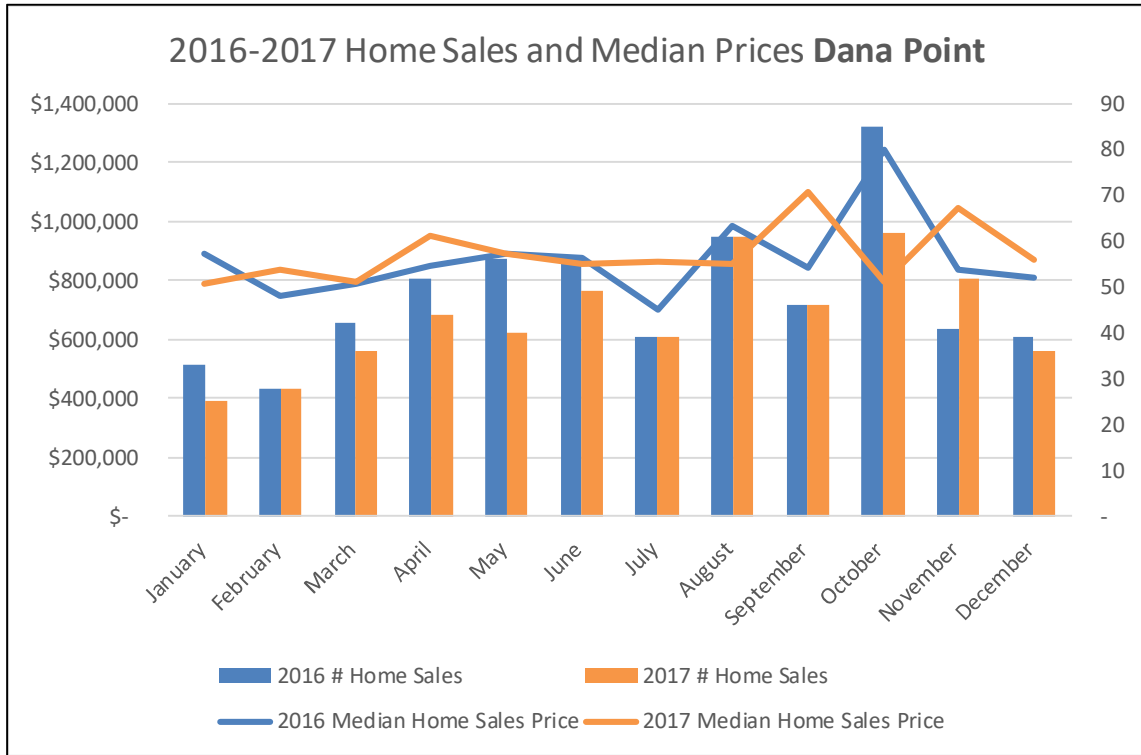


Aliso Viejo Average % Change in Year-over-Year Sale Prices (2016 to 2017): 3.6%

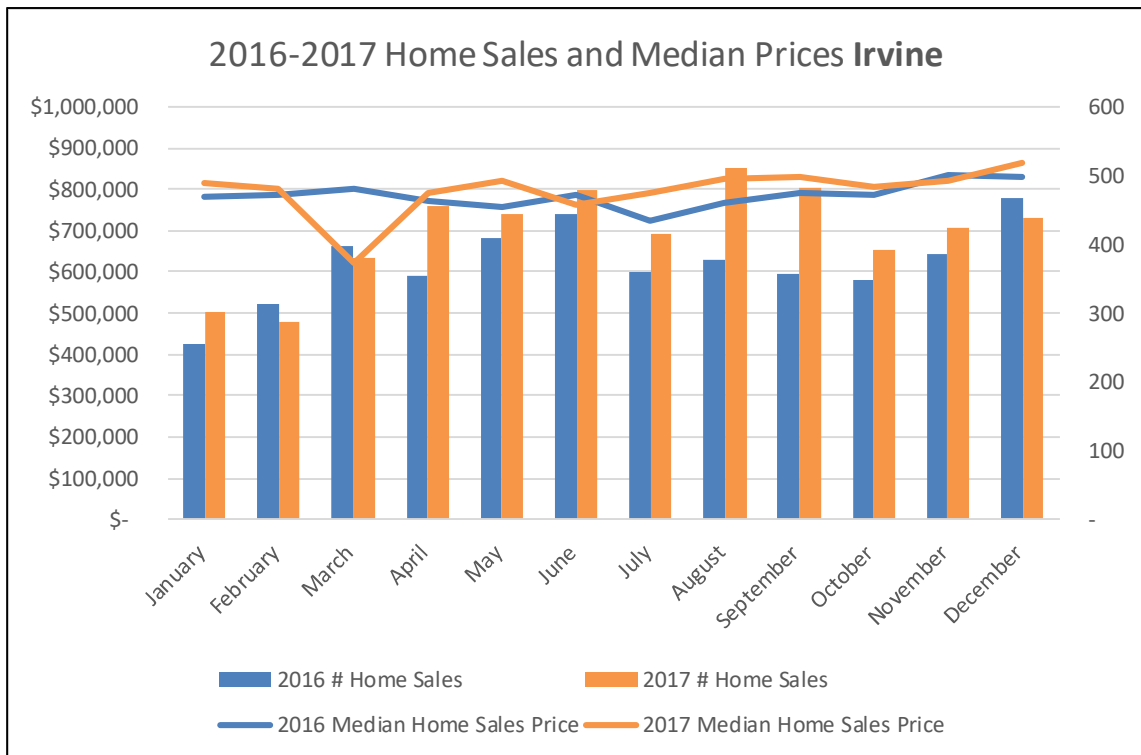


Cypress Average % Change in Year-over-Year Sale Prices (2016 to 2017): 5.9%

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

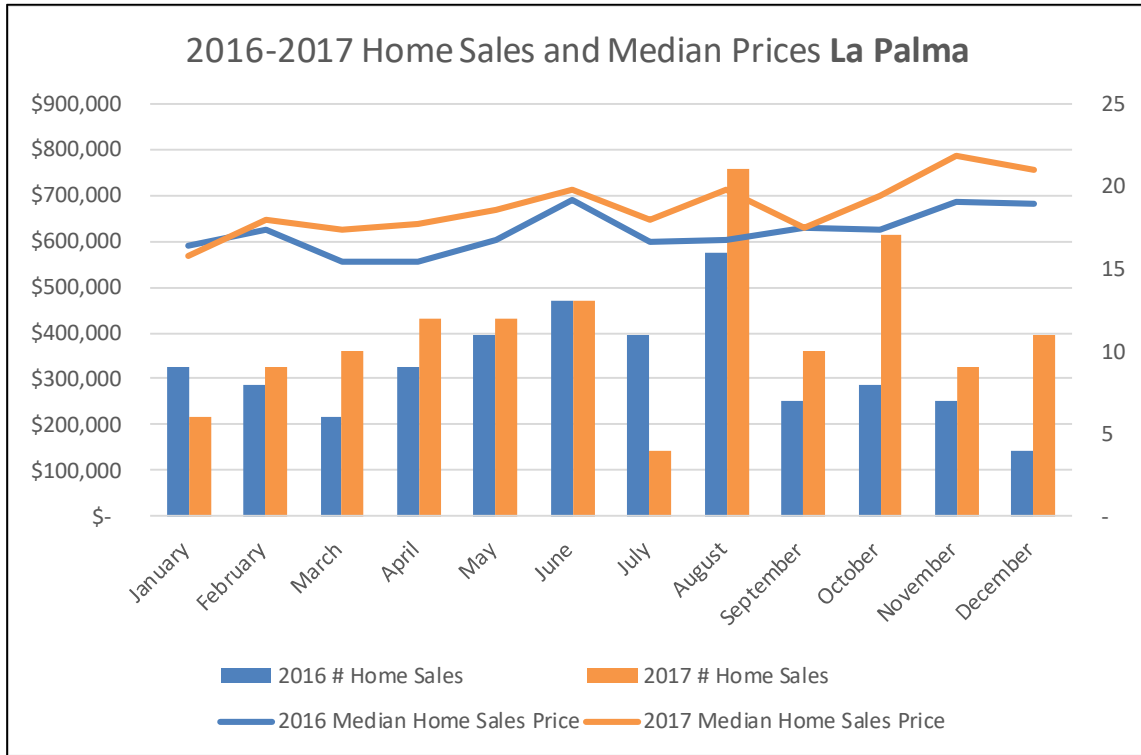


Dana Point Average % Change in Year-over-Year Sale Prices (2016 to 2017): 3.8%

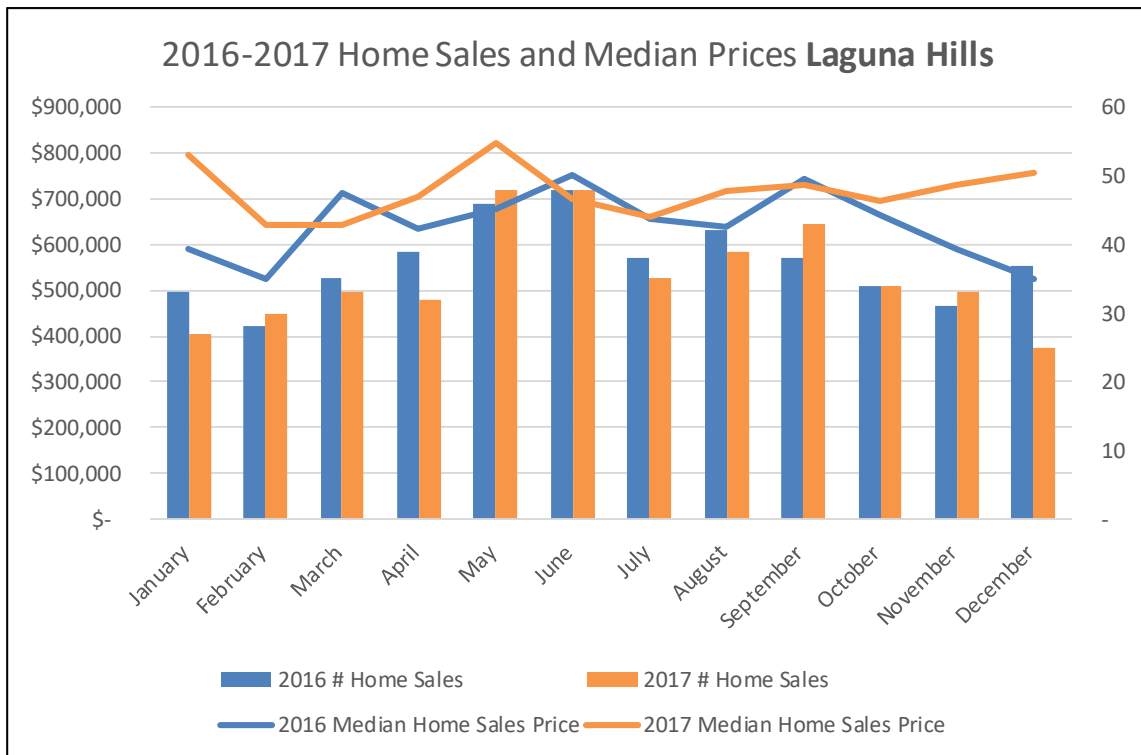


Irvine Average % Change in Year-over-Year Sale Prices (2016 to 2017): 1.6%

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

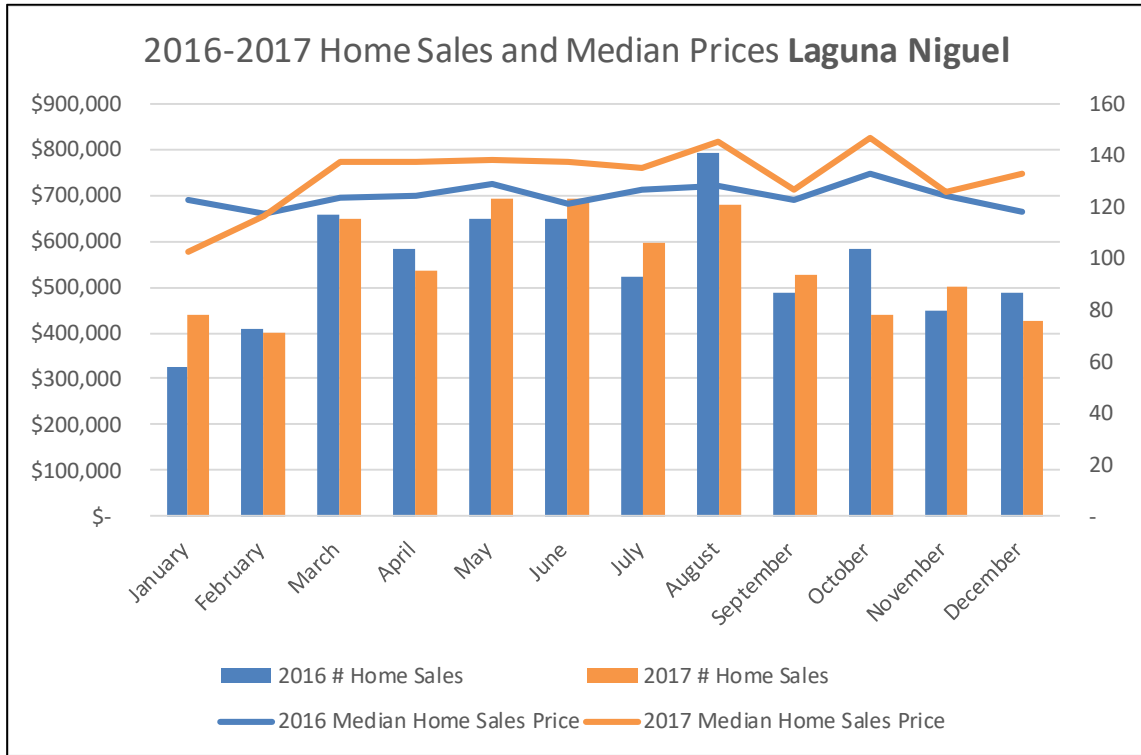


La Palma Average % Change in Year-over-Year Sale Prices (2016 to 2017): 8.6%

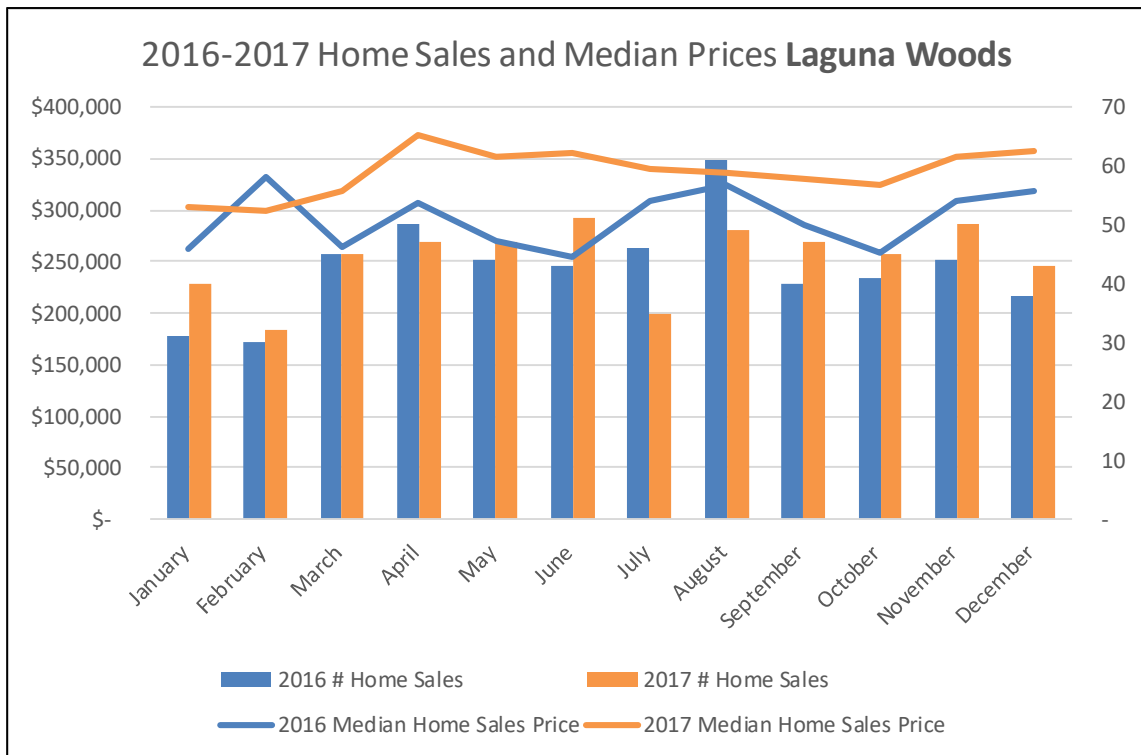


Laguna Hills Average % Change in Year-over-Year Sale Prices (2016 to 2017): 12.9%

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

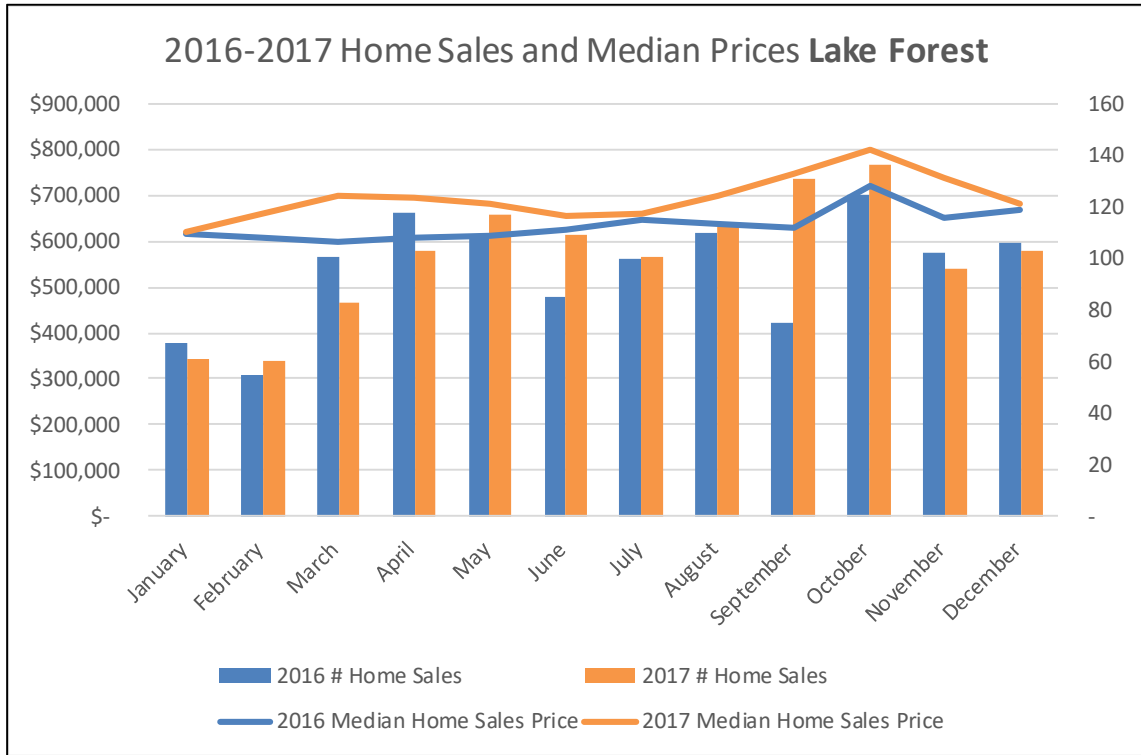


Laguna Niguel Average % Change in Year-over-Year Sale Prices (2016 to 2017): 6.1%

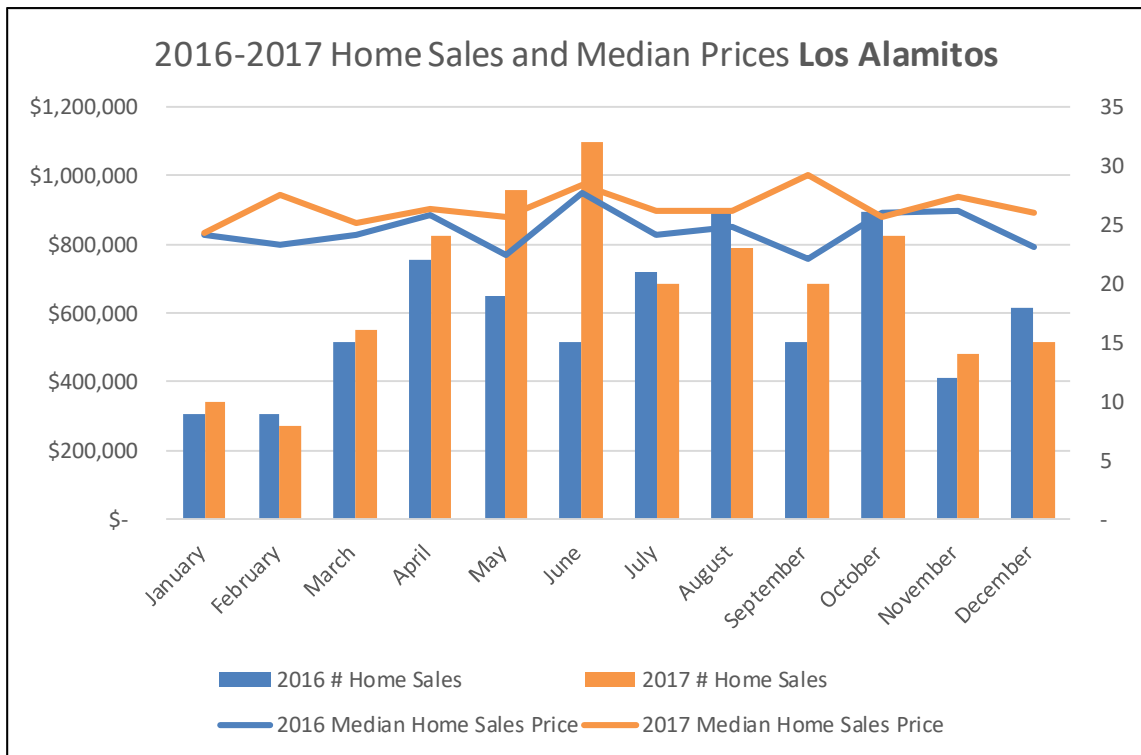


Laguna Woods Average % Change in Year-over-Year Sale Prices (2016 to 2017): 16.5%

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

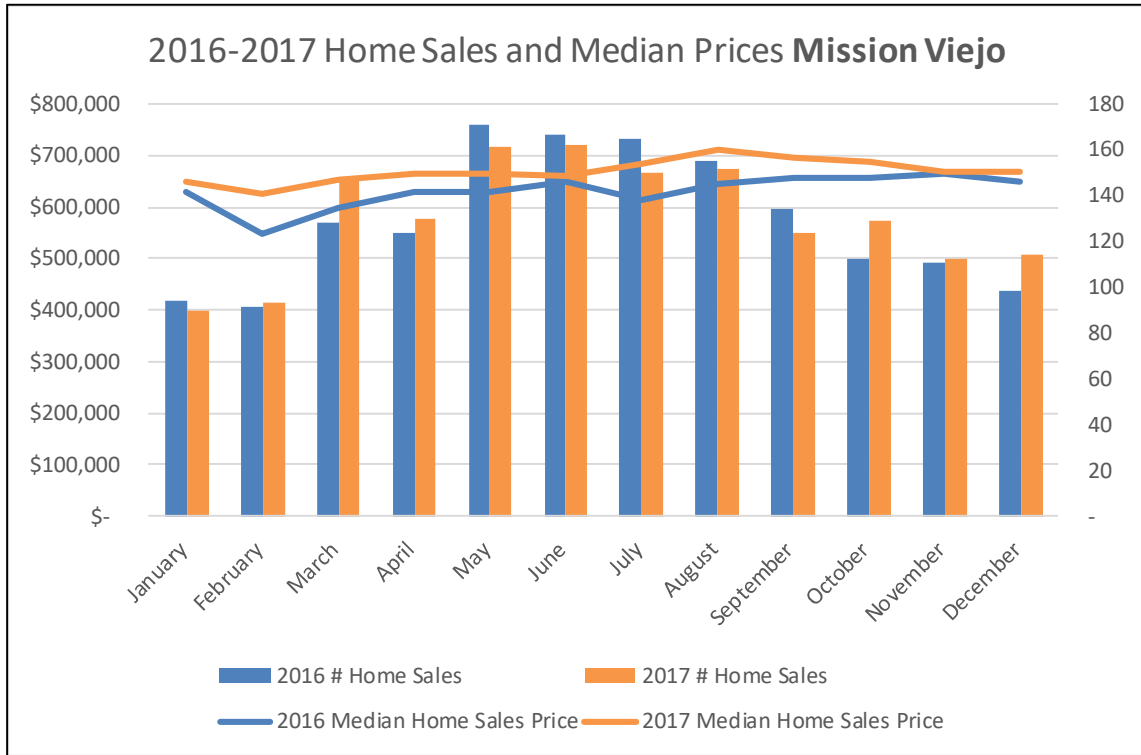


Lake Forest Average % Change in Year-over-Year Sale Prices (2016 to 2017): 9.6%

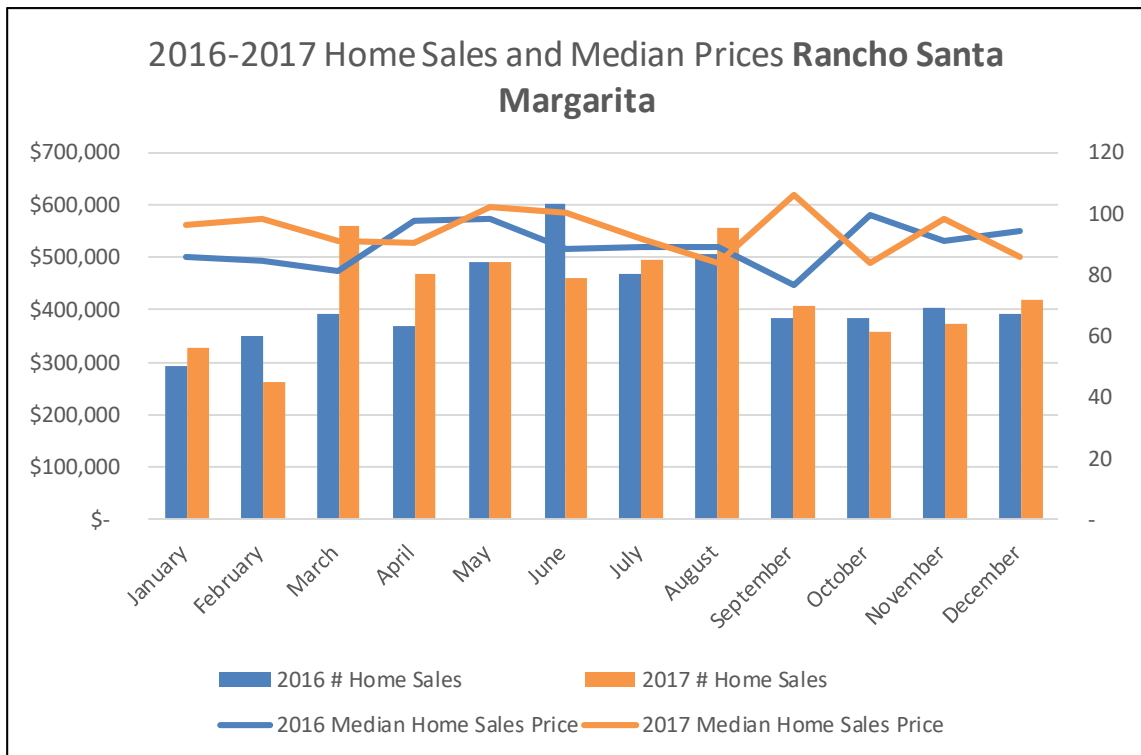


Los Alamitos Average % Change in Year-over-Year Sale Prices (2016 to 2017): 8.5%

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

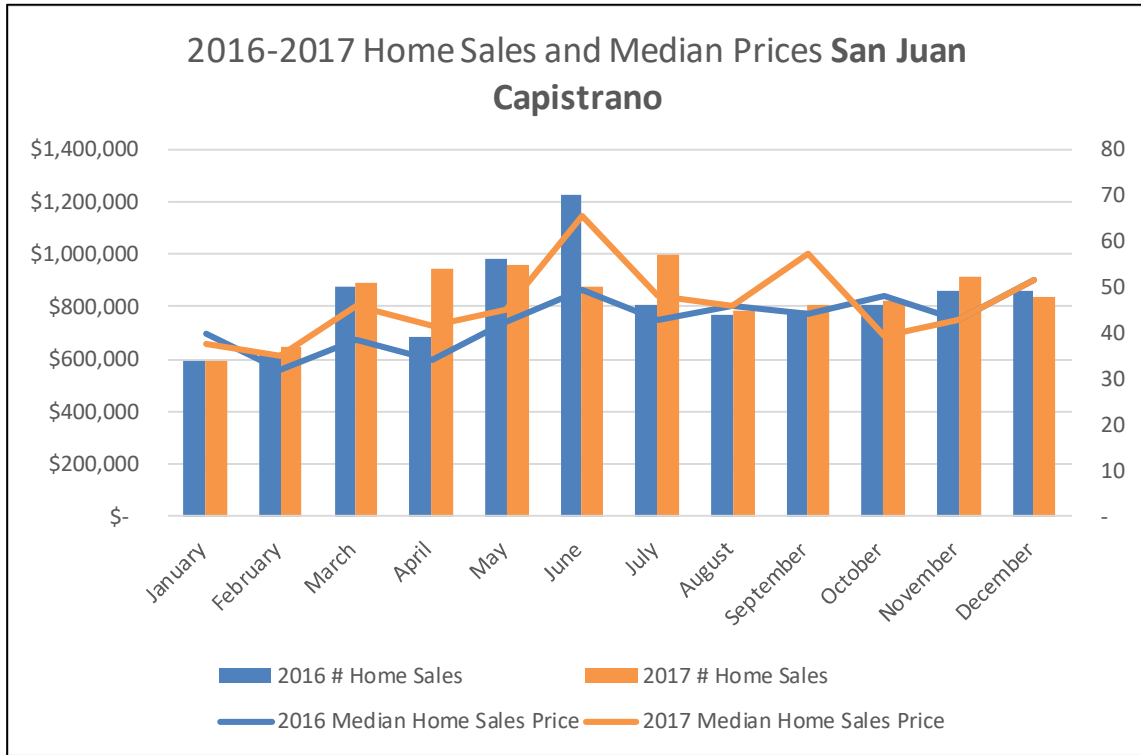


Mission Viejo Average % Change in Year-over-Year Sale Prices (2016 to 2017): 6.1%

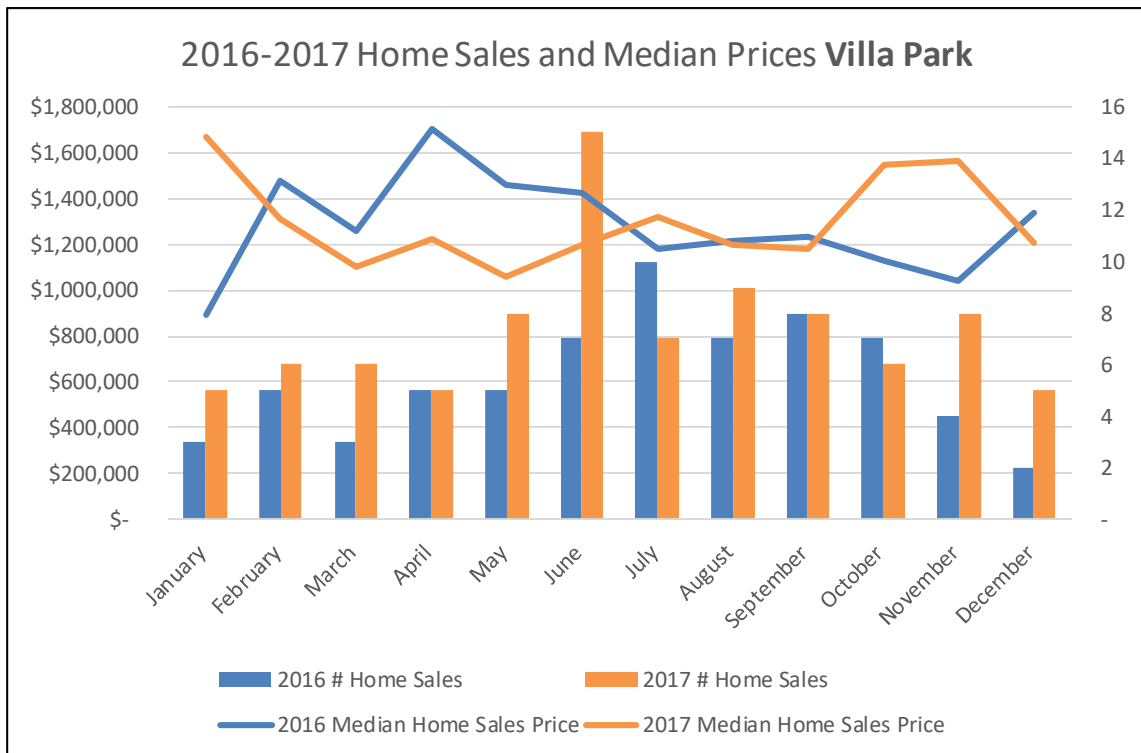


Rancho Santa Margarita Average % Change in Year-over-Year Sale Prices (2016 to 2017): 5.9%

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

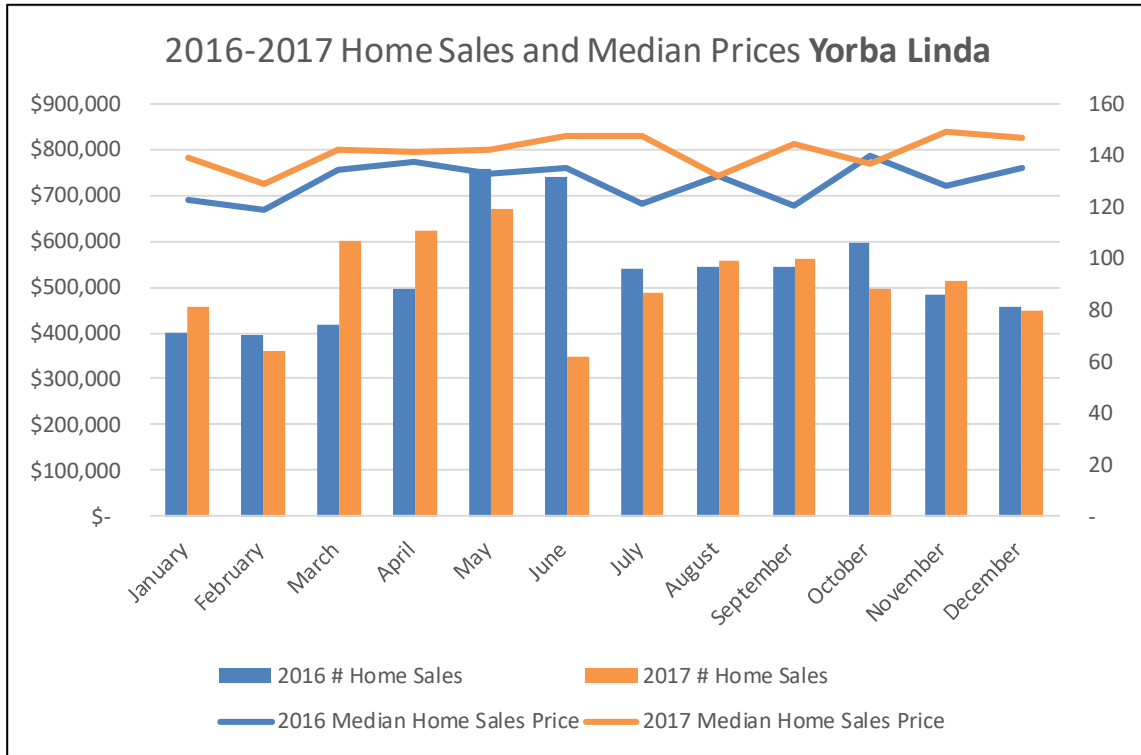


San Juan Capistrano Average % Change in Year-over-Year Sale Prices (2016 to 2017): 8.9%

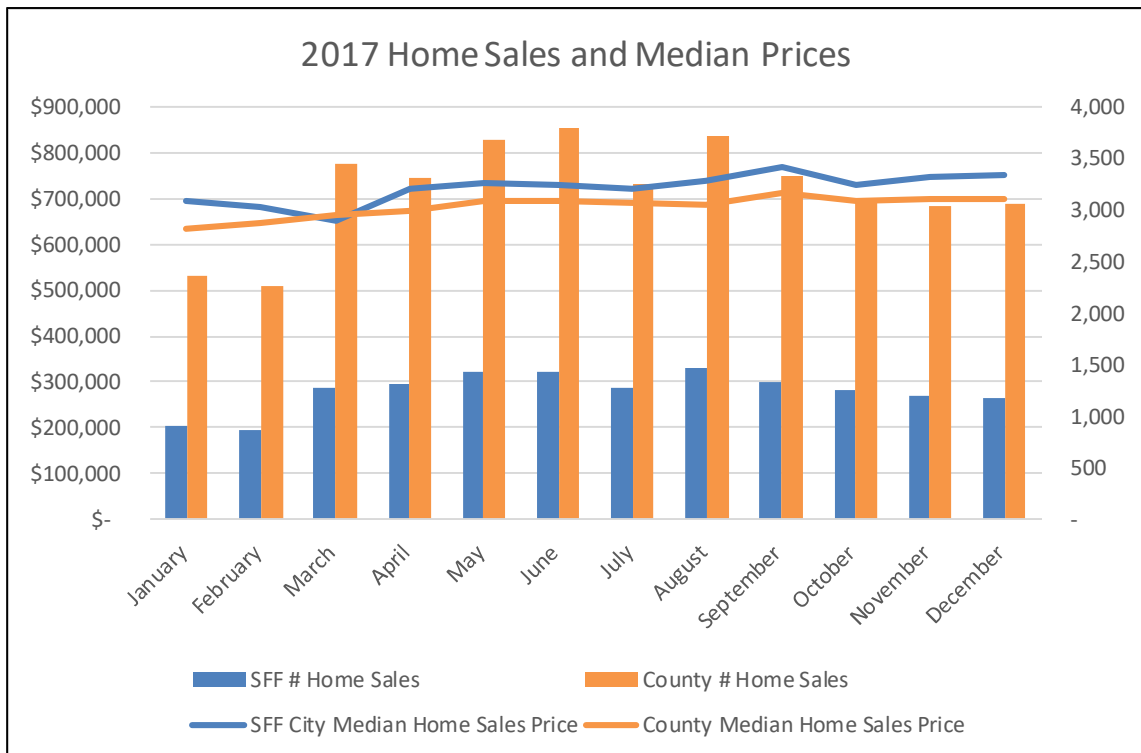


Villa Park Average % Change in Year-over-Year Sale Prices (2016 to 2017): 7.2%

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**



Yorba Linda Average % Change in Year-over-Year Sale Prices (2016 to 2017): 9.3%



SFF Cities Average % Change in Year-over-Year Sale Prices (2016 to 2017): 5.2%
Orange County Average % Change in Year-over-Year Sale Prices (2016 to 2017): 6.1%

APPENDIX E

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**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

CITY OF CYPRESS SUCCESSOR AGENCY PASS THROUGH REVENUE

TABLE 4A

			Tax Increment Calculation			PT Payments		Enforceable Obligations	Total OCFA Payment (PT and Share of Residual)			
Fiscal Year		ROPS Period	Total Assessed Valuation	Estimated Gross Tax Increment	Gross RPTTF	Total Admin	Total PT Payments	Approved Enforceable Obligations ¹	Total Excess Revenues ^{2 3}	OCFA PT Payment	OCFA Residual Payment ³	Total OCFA Payment
			\$ 192,645,739									
	2017-18	17-18B	\$1,125,495,754	\$9,328,500	\$ 5,513,591	\$ (409)	\$ (1,987,176)	\$ (2,092,331)	\$ 3,526,006	\$ 400,904	\$ 294,187	\$1,011,584
		18-19A			3,905,826	(56,757)	(1,455,555)	(25,619)	301,561	290,943	25,550	
1	2018-19	18-19B	1,147,284,314	9,546,386	5,549,332	(412)	(2,000,057)	(2,066,333)	3,548,863	413,367	296,094	1,048,428
		19-20A			3,997,054	(58,083)	(1,489,553)	(27,327)	570,476	290,634	48,333	
2	2019-20	19-20B	1,181,176,420	9,885,307	5,746,347	(426)	(2,071,065)	(1,851,616)	3,674,856	428,043	306,606	1,080,223
		20-21A			4,138,960	(60,145)	-	-	4,078,815	-	345,574	
3	2020-21	20-21B	1,202,933,485	10,102,877	5,872,821	(436)	-	-	5,872,386	-	489,954	843,134
		21-22A			4,230,056	(61,469)	-	-	4,168,587	-	353,180	
4	2021-22	21-22B	1,235,022,293	10,423,766	6,059,354	(449)	-	-	6,058,905	-	505,516	869,914
		22-23A			4,364,411	(63,421)	-	-	4,300,990	-	364,398	
5	2022-23	22-23B	1,267,993,544	10,753,478	6,251,017	(464)	-	-	6,250,553	-	521,505	897,430
		23-24A			4,502,461	(65,427)	-	-	4,437,034	-	375,924	
Total (2018-19 to 2022-23)					\$50,711,814	\$(310,733)	\$ (5,560,674)	\$ (3,945,276)	\$ 42,961,464	\$1,132,043	\$3,607,085	\$4,739,128

¹ Approved Enforceable Obligations include only items not identified as "denied" by the Department of Finance in their review of the ROPS 17-18A (July through December 2017) and 17-18B (January through June 2018) periods.

² Per the RPTTF report, the County Auditor-Controller distributed the approved enforceable obligations for both the 17-18A and 17-18B periods in the A period. It is assumed the County Auditor-Controller will continue this approach.

³ Based on the Cypress Successor Agency's remaining obligations, it is expected that the agency will be dissolved following the ROPS 19-20B period. After this time, all property tax revenues in the City are expected to be treated as ad valorem property taxes. This table shows the revenues coming from the former Redevelopment Project Area as residual revenue for consistency.

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

CITY OF IRVINE SUCCESSOR AGENCY PASS THROUGH REVENUE

TABLE 4B

			Tax Increment Calculation			PT Payments		Enforceable Obligations	Total OCFA Payment (PT and Share of Residual)			
Fiscal Year	ROPS Period	Total Assessed Valuation	Estimated Gross Tax Increment	Gross RPTTF	Total Admin	Total PT Payments	Approved Enforceable Obligations ¹	Total Excess Revenue ^{2,3}	OCFA PT Payment	OCFA Residual Payment ³	Total OCFA Payment	
		\$ 3,975,071						\$ 4,380,000				
	2017-18	17-18B 18-19A	\$3,139,852,273	\$31,358,772	\$ 21,450,718	\$ (3,425)	\$ (4,791,792)	\$ (16,655,502)	\$ -	\$ 627,661	\$ -	\$ 1,735,513
1	2018-19	18-19B 19-20A	4,204,305,082	42,003,300	26,785,636	(3,112)	(7,486,450)	(19,296,074)	-	783,764	-	2,024,721
		25,557,084			(274,977)	(4,011,098)	(16,891,008)	4,380,000	668,293	572,664		
2	2019-20	19-20B 20-21A	5,248,951,507	52,449,764	33,786,563	(3,891)	(10,122,773)	(23,659,899)	-	988,615	-	2,404,243
		32,236,906			(343,822)	(5,113,267)	(22,399,818)	4,380,000	842,964	572,664		
3	2020-21	20-21B 21-22A	6,619,824,312	66,158,492	41,746,449	(4,541)	(12,322,202)	(29,419,705)	-	1,221,526	-	2,835,751
		39,831,703			(401,257)	(6,060,191)	(28,990,254)	4,380,000	1,041,560	572,664		
4	2021-22	21-22B 22-23A	8,178,473,500	81,744,984	50,184,466	(5,127)	(14,301,762)	(35,877,577)	-	1,468,428	-	3,293,178
		47,882,701			(452,951)	(7,174,857)	(35,874,892)	4,380,000	1,252,086	572,664		
5	2022-23	22-23B 23-24A	9,830,747,162	98,267,721	58,716,268	(6,062)	(17,468,022)	(38,616,093)	2,626,091	1,718,074	343,349	9,316,153
		56,023,183			(535,634)	-	-	55,487,549	-	7,254,731		
Total (2018-19 to 2022-23)					\$ 412,750,958	\$ (2,031,376)	\$ (84,060,623)	\$ (251,025,320)	\$ 75,633,639	\$ 9,985,310	\$ 9,888,736	\$ 19,874,045

¹ Approved Enforceable Obligations include only items not identified as "denied" by the Department of Finance in their review of the ROPS 17-18A (July through December 2017) and 17-18B (January through June 2018) periods.

² Pursuant to the Stipulated Judgment dated October 24, 2014 (Case Nos. 34-2013-80001682, 34-2012-80001161, 34-2013-80001535) the maximum Residual Payment to be distributed to Affected Taxing Entities is \$4.38M per fiscal year until the Stipulated Judgment Enforceable Obligation of \$292,000,000 (approximately \$263,325,296 remaining balance) is paid.

³ Based on the Irvine Successor Agency's remaining obligations, it is expected that the agency will be dissolved following the ROPS 22-23B period. After this time, all property tax revenues in the City are expected to be treated as ad valorem property taxes. This table shows the revenues coming from the former Redevelopment Project Area as residual revenue for consistency.

CITY OF LAKE FOREST SUCCESSOR AGENCY PASS THROUGH REVENUE TABLE 4C

			Tax Increment Calculation	Enforceable Obligations		Total OCFA Payment (PT and Share of Residual)		
Fiscal Year		ROPS Period	Gross RPTTF	Approved Enforceable Obligations ¹	Total Excess Revenue ² \$ 2,353,364	OCFA PT Payment	OCFA Residual Payment	Total OCFA Payment
	2017-18	17-18B	\$ -	\$ (130,374)	\$ -	\$ 28,988	\$ -	\$ 653,976
		18-19A	5,174,418	(425,374)	4,623,963	28,988	596,000	
1	2018-19	18-19B	-	(125,082)	-	29,568	-	668,593
		19-20A	5,277,906	(430,082)	4,728,368	29,568	609,457	
2	2019-20	19-20B	-	(119,457)	-	30,470	-	691,360
		20-21A	5,438,883	(434,457)	4,891,015	30,470	630,421	
3	2020-21	20-21B	-	(113,412)	-	31,048	-	705,521
		21-22A	5,542,221	(443,412)	4,991,898	31,048	643,424	
4	2021-22	21-22B	-	(106,912)	-	31,902	-	727,286
		22-23A	5,694,632	(446,912)	5,147,509	31,902	663,482	
5	2022-23	22-23B	-	(100,212)	-	32,780	-	761,073
		23-24A	5,851,235	(455,212)	5,396,023	32,780	695,514	
Total (2018-19 to 2022-23)			\$ 27,804,877	\$ (2,775,145)	\$ 25,154,814	\$ 311,536	\$ 3,242,298	\$ 3,553,833

1 Approved Enforceable Obligations include only items not identified as "denied" by the Department of Finance in their review of the ROPS 17-18A (July through December 2017) and 17-18B (January through June 2018) periods.

2 Per the RPTTF report, the County Auditor-Controller distributed the approved enforceable obligations for both the 17-18A and 17-18B periods in the A period. It is assumed the County Auditor-Controller will continue this approach.

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

CITY OF LA PALMA SUCCESSOR AGENCY PASS THROUGH REVENUE

TABLE 4D

			Tax Increment Calculation				PT Payments	Enforceable Obligations		Total OCFA Payment (PT and Share of Residual)		
Fiscal Year		ROPS Period	Total Assessed Value	Estimated Gross Tax Increment	Gross RPTTF	Total Admin	Total PT Payments	Approved Enforceable Obligations ¹	Total Excess Revenue ²	OCFA PT Payment	OCFA Residual Payment ²	Total OCFA Payment
			\$ 92,682,326									
	2017-18	17-18B 18-19A	\$ 450,011,713	\$ 3,573,294	\$ 1,738,064 1,745,845	\$ (125) (21,209)	\$ (304,348) (303,079)	\$ (585,718) (672,067)	\$ 847,873 749,489	\$ 97,305 82,831	\$ 82,053 63,988	\$ 326,178
1	2018-19	18-19B 19-20A	457,738,434	3,650,561	1,866,965 1,783,596	(134) (21,668)	(326,920) (309,633)	(565,905) (726,649)	974,006 725,646	104,521 84,623	94,260 61,953	345,357
2	2019-20	19-20B 20-21A	469,757,349	3,770,750	1,928,432 1,842,318	(139) (22,381)	(337,683) (319,827)	(567,778) (740,376)	1,022,833 759,734	107,963 87,409	98,985 64,863	359,219
3	2020-21	20-21B 21-22A	477,472,901	3,847,906	1,967,891 1,880,015	(142) (22,839)	(344,592) (326,371)	(569,013) (443,163)	1,054,144 1,087,642	110,172 89,197	102,015 92,859	394,242
4	2021-22	21-22B 22-23A	488,852,325	3,961,700	2,026,087 1,935,613	(146) (23,515)	(354,783) (336,023)	(239,100) (561,974)	1,432,059 1,014,101	113,430 91,835	138,588 86,580	430,433
5	2022-23	22-23B 23-24A	500,544,683	4,078,624	2,085,884 1,992,739	(150) (24,209)	(365,254) (345,940)	- (669,414)	1,720,480 953,176	116,778 94,545	166,500 81,378	459,201
Total (2018-19 to 2022-23)					\$ 19,309,541	\$ (115,323)	\$ (3,367,027)	\$ (5,083,370)	\$ 10,743,821	\$ 1,000,472	\$ 987,979	\$ 1,988,452

¹ Approved Enforceable Obligations include only items not identified as "denied" by the Department of Finance in their review of the ROPS 17-18A (July through December 2017) and 17-18B (January through June 2018) periods.

² Based on the La Palma Successor Agency's remaining obligations, it is expected that the agency will be dissolved following the ROPS 21-22B period. After this time, all property tax revenues in the City are expected to be treated as ad valorem property taxes. This table shows the revenues coming from the former Redevelopment Project Area as residual revenue for consistency.

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

CITY OF MISSION VIEJO SUCCESSOR AGENCY PASS THROUGH REVENUE

TABLE 4E

		Tax Increment Calculation				PT Payments	Enforceable Obligations	Total OCFA Payment (PT and Share of Residual)			
Fiscal Year	ROPS Period	Total Assessed Value	Estimated Gross Tax Increment	Gross RPTTF	Total Admin	Total PT Payments	Approved Enforceable Obligations ¹	Total Excess Revenue	OCFA PT Payment	OCFA Residual Payment	Total OCFA Payment
		\$ 342,096,778						\$ 698,577			
	2017-18	17-18B		\$ 5,401,772	\$ (421)	\$ (2,758,258)	\$ (913,215)	\$ 1,729,878	\$ 584,957	\$ 187,328	
		18-19A	\$1,288,404,107	\$9,463,073	3,911,560	(45,577)	(1,758,687)	(925,000)	1,182,296	422,616	\$1,194,901
1	2018-19	18-19B		5,686,632	(443)	(2,903,714)	(836,500)	1,945,975	614,399	210,249	
		19-20A	1,311,436,440	9,693,397	4,006,765	(46,687)	(1,801,492)	(975,000)	1,183,586	432,902	1,257,550
2	2019-20	19-20B		5,896,810	(460)	(3,011,035)	(736,500)	2,148,816	637,108	232,164	
		20-21A	1,347,263,233	10,051,665	4,154,855	(48,412)	(1,868,075)	(1,025,000)	1,213,367	448,902	1,318,173
3	2020-21	20-21B		6,031,734	(470)	(3,079,930)	(636,500)	2,314,834	651,685	250,101	
		21-22A	1,370,262,273	10,281,655	4,249,921	(49,520)	(1,910,818)	(1,075,000)	1,214,583	459,173	1,360,959
4	2021-22	21-22B		6,230,729	(486)	(3,181,541)	(536,500)	2,512,202	673,185	271,425	
		22-23A	1,404,182,830	10,620,861	4,390,132	(51,154)	(1,973,859)	(1,125,000)	1,240,119	474,322	1,418,932
5	2022-23	22-23B		6,435,196	(502)	(3,285,946)	(436,500)	2,712,249	695,276	293,039	
		23-24A	1,439,036,202	10,969,394	4,534,198	(52,832)	(2,038,633)	(1,175,000)	1,267,733	489,887	1,478,202
Total (2018-19 to 2022-23)				\$ 51,616,971	\$(250,965)	\$(25,055,042)	\$(8,557,500)	\$17,753,464	\$5,576,839	\$1,256,978	\$6,833,817
¹ Approved Enforceable Obligations include only items not identified as "denied" by the Department of Finance in their review of the ROPS 17-18A (July through December 2017) and 17-18B (January through June 2018) periods.											

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

CITY OF YORBA LINDA SUCCESSOR AGENCY PASS THROUGH REVENUE

TABLE 4G

		Tax Increment Calculation			PT Payments				Total OCFA Payment (PT and Share of Residual)		
Fiscal Year	ROPS Period	Total Assessed Value	Estimated Gross Tax Increment	Gross RPTTF	Total Admin	Total PT Payments	Approved Enforceable Obligations ¹	Total Excess Revenue	OCFA PT Payment	OCFA Residual Payment	Total OCFA Payment
		\$ 109,879,598						\$ 5,416,773			
	2017-18	17-18B 18-19A	\$2,977,582,260	\$28,677,027	\$ 16,357,367 \$ (2,094)	\$ (6,202,355) \$ (6,502,474)	\$ (6,502,474) \$ (2,359,171)	\$ 3,650,445 \$ 1,893,873	\$ 1,242,743 867,896	\$ 349,353 181,670	\$ 2,641,662
1	2018-19	18-19B 19-20A	3,029,331,408	29,194,518	11,356,478 (136,147)	(6,967,288) (6,686,087)	(2,359,171) (6,501,504)	1,893,873 4,443,258	1,339,667 883,558	425,226 142,516	2,790,967
2	2019-20	19-20B 20-21A	3,109,827,208	29,999,476	11,561,412 (2,257)	(7,093,016) (6,870,438)	(2,844,089) (5,907,084)	1,485,703 5,339,449	1,376,604 907,919	510,993 149,700	2,945,217
3	2020-21	20-21B 21-22A	3,161,501,553	30,516,220	11,880,186 (2,320)	(7,288,587) (6,988,782)	(2,888,579) (6,455,336)	1,560,595 4,984,920	1,400,316 923,558	477,064 421,189	3,222,128
4	2021-22	21-22B 22-23A	3,237,714,412	31,278,348	12,084,823 (2,418)	(7,414,133) (7,163,323)	(135,000) (6,452,150)	4,390,811 5,273,821	1,435,289 946,624	504,712 432,032	3,318,656
5	2022-23	22-23B 23-24A	3,316,023,125	32,061,435	12,386,636 (2,479)	(7,599,298) (7,342,665)	(135,000) (6,445,293)	4,503,841 5,574,250	1,471,223 970,323	533,464 443,172	3,418,182
Total (2018-19 to 2022-23)				\$153,049,997	\$(738,454)	\$(72,235,883)	\$(37,899,035)	\$42,176,626	\$11,655,081	\$4,040,070	\$15,695,151
¹ Approved Enforceable Obligations include only items not identified as "denied" by the Department of Finance in their review of the ROPS 17-18A (July through December 2017) and 17-18B (January through June 2018) periods.											

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

COUNTY OF ORANGE SUCCESSOR AGENCY PASS THROUGH REVENUE

TABLE 4H

			Tax Increment Calculation			PT Payments		Enforceable Obligations	Total OCFA Payment (PT and Share of Residual)			
Fiscal Year		ROPS Period	Total Assessed Value	Estimated Gross Tax Increment	Gross RPTTF	Total Admin	Total PT Payments	Approved Enforceable Obligations ¹	Total Excess Revenue	OCFA PT Payment	OCFA Residual Payment	Total OCFA Payment
			\$ 1,190,001,091									
	2017-18	17-18B	\$ 5,709,650,163	\$45,196,491	\$ 26,497,893	\$ (1,915)	\$ (4,730,253)	\$ (4,888,353)	\$ 16,877,373	\$ 461,289	\$ 1,168,694	\$ 2,678,016
		18-19A			17,268,312	(236,112)	(1,811,084)	(5,337,627)	9,883,489	339,172	708,861	
1	2018-19	18-19B	5,812,231,400	46,222,303	28,562,057	(2,064)	(5,098,735)	(4,925,431)	18,535,827	497,223	1,283,536	2,853,845
		19-20A			17,660,246	(241,471)	(1,852,190)	(5,441,115)	10,125,470	346,870	726,216	
2	2019-20	19-20B	5,971,796,513	47,817,954	29,548,055	(2,135)	(5,274,750)	(4,921,812)	19,349,358	514,388	1,339,870	2,966,315
		20-21A			18,269,900	(249,807)	(1,916,130)	(5,602,092)	10,501,872	358,844	753,213	
3	2020-21	20-21B	6,074,229,469	48,842,284	30,181,016	(2,181)	(5,387,743)	(4,922,818)	19,868,275	525,407	1,375,803	3,038,284
		21-22A			18,661,267	(255,158)	(1,957,176)	(5,705,430)	10,743,503	366,531	770,543	
4	2021-22	21-22B	6,225,304,600	50,353,035	31,114,552	(2,248)	(5,554,392)	(4,719,950)	20,837,962	541,658	1,442,950	3,158,579
		22-23A			19,238,483	(263,050)	(2,017,714)	(5,857,841)	11,099,878	377,869	796,103	
5	2022-23	22-23B	6,380,534,298	51,905,332	32,073,760	(2,317)	(5,725,624)	(4,719,950)	21,625,868	558,357	1,497,509	3,267,749
		23-24A			19,831,572	(271,160)	(2,079,916)	(6,014,444)	11,466,052	389,518	822,365	
Total (2018-19 to 2022-23)					\$245,140,908	\$(1,291,591)	\$(36,864,370)	\$(52,830,883)	\$ 154,154,065	\$ 4,476,665	\$ 10,808,107	\$ 15,284,772
1 Approved Enforceable Obligations include only items not identified as "denied" by the Department of Finance in their review of the ROPS 17-18A (July through December 2017) and 17-18B (January through June 2018) periods.												

APPENDIX F

[To Be Included in the Final Report]

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

FY 2017-18 SECURED ROLL - ASSESSMENT APPEALS¹

Table 5A

City	Total City-Wide Assessed Value (less CRA Project Area)	Appeals Finalized							Appeals Outstanding			Total
		Total Assessed Value Under Appeal (Finalized Only)	Total Applicant's Opinion of Value for Parcels Under Appeal ²	Applicant's Opinion Value as a % of Assessed Value	Board Approved Value of Parcels Under Appeal	Amount of Secured Value Reduction	Board Approved Value as a % of Parcels Assessed Value	% of Reduction of Total City-Wide Value	Total Assessed Value of Pending Appeals	Pending Appeals- Applicants Opinion of Value	Applicant's Opinion Value as a % of Assessed Value	Total Assessed Value Appealed ³
Aliso Viejo	\$ 9,420,185,783	\$ 472,390,657	\$ 331,892,089	70.26%	\$ 472,239,744	\$ 150,913	99.97%	0.00%	\$ 470,720,744	\$ 330,478,497	70.21%	\$ 943,111,401
Cypress	5,360,231,317	212,800,872	146,378,228	68.79%	212,800,872	-	100.00%	0.00%	210,148,990	145,791,676	69.38%	422,949,862
Dana Point	11,816,799,315	770,165,786	333,961,143	43.36%	770,068,261	97,525	99.99%	0.00%	768,347,186	332,382,143	43.26%	1,538,512,972
Irvine	64,670,426,353	2,572,941,609	1,605,268,306	62.39%	2,567,441,955	5,499,654	99.79%	0.01%	2,453,730,493	1,500,190,827	61.14%	5,026,672,102
La Palma	1,584,124,616	20,321,072	12,677,400	62.39%	20,321,072	-	100.00%	0.00%	20,321,072	12,677,400	62.39%	40,642,144
Laguna Hills	6,570,640,190	110,650,129	66,501,674	60.10%	110,650,129	-	100.00%	0.00%	110,650,129	66,501,674	60.10%	221,300,258
Laguna Niguel	15,140,410,119	217,101,699	131,042,879	60.36%	217,101,699	-	100.00%	0.00%	212,817,905	127,386,582	59.86%	429,919,604
Laguna Woods	2,917,966,647	120,610,824	91,175,508	75.59%	120,610,824	-	100.00%	0.00%	118,387,241	89,737,508	75.80%	238,998,065
Lake Forest	12,735,111,824	444,582,310	301,349,527	67.78%	444,582,310	-	100.00%	0.00%	442,819,331	299,655,186	67.67%	887,401,641
Los Alamitos	1,902,001,921	215,015,601	96,421,062	44.84%	215,015,601	-	100.00%	0.00%	215,015,601	96,421,062	44.84%	430,031,202
Mission Viejo	15,100,036,908	207,952,427	114,470,850	55.05%	207,740,880	211,547	99.90%	0.00%	204,787,880	111,571,096	54.48%	412,740,307
Rancho Santa Margarita	8,030,535,277	270,038,286	137,106,941	50.77%	270,038,286	-	100.00%	0.00%	270,038,286	137,106,941	50.77%	540,076,572
San Juan Capistrano	6,522,847,663	49,178,067	35,219,072	71.62%	49,071,067	107,000	99.78%	0.00%	43,456,036	31,145,748	71.67%	92,634,103
Villa Park	1,746,867,715	21,323,702	13,725,485	64.37%	21,323,702	-	100.00%	0.00%	21,323,702	13,725,485	64.37%	42,647,404
Yorba Linda	12,127,741,825	78,066,980	53,342,681	68.33%	78,066,980	-	100.00%	0.00%	74,940,972	50,642,681	67.58%	153,007,952
County Unincorporated	25,240,184,029	363,360,842	216,292,402	59.53%	363,360,842	-	100.00%	0.00%	345,271,230	202,325,866	58.60%	708,632,072
TOTAL	\$ 200,886,111,502	\$ 6,146,500,863	\$ 3,686,825,247	59.98%	\$ 6,140,434,224	\$ 6,066,639	99.90%	0.00%	\$ 5,982,776,798	\$ 3,547,740,372	59.30%	\$ 12,129,277,661

¹ Assessment Appeals are net of appeals for properties within CRA project areas.

² Total Applicants Opinion of Value includes only finalized appeals and is net of the following appeals:

a) Applicant's opinion of the assessed value is higher than the roll value

b) The appeals database reports that the parcel being appealed has either an assessed value of \$0 or negative assessed value.

³ Assessment Appeals analyzed for FY 2017-18 include only those that have been submitted by March 15, 2018.

Source: County of Orange Clerk of the Board of Supervisors

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

FY 2016-17 SECURED ROLL - ASSESSMENT APPEALS¹

Table 5B

City	Total City-Wide Assessed Value (less CRA Project Area)	Appeals Finaled							Appeals Outstanding			Total
		Total Assessed Value Under Appeal (Finaled Only)	Total Applicant's Opinion of Value for Parcels Under Appeal ²	Applicant's Opinion Value as a % of Assessed Value	Board Approved Value of Parcels Under Appeal	Amount of Secured Value Reduction	Board Approved Value as a % of Parcels Assessed Value	% of Reduction of Total City-Wide Value	Total Assessed Value of Pending Appeals	Pending Appeals- Applicants Opinion of Value	Applicant's Opinion Value as a % of Assessed Value	Total Assessed Value Appealed
Aliso Viejo	\$ 8,962,568,985	\$ 787,605,647	\$ 553,670,379	70.30%	\$ 786,062,398	\$ 1,543,249	99.80%	0.02%	\$ 556,244,122	\$ 413,426,220	74.32%	\$ 1,343,849,769
Cypress	5,145,667,484	522,880,126	349,925,755	66.92%	510,775,012	12,105,114	97.68%	0.24%	365,670,877	239,757,776	65.57%	888,551,003
Dana Point	10,974,206,781	1,263,165,498	590,306,619	46.73%	1,238,894,037	24,271,461	98.08%	0.22%	875,421,186	411,084,602	46.96%	2,138,586,684
Irvine	59,397,094,454	8,054,009,311	5,324,207,611	66.11%	7,986,004,425	68,004,886	99.16%	0.11%	6,054,247,906	3,999,901,276	66.07%	14,108,257,217
La Palma	1,517,683,357	39,145,349	20,781,631	53.09%	39,068,342	77,007	99.80%	0.01%	33,441,514	16,889,992	50.51%	72,586,863
Laguna Hills	6,338,956,416	314,429,821	166,771,976	53.04%	312,668,165	1,761,656	99.44%	0.03%	220,507,716	106,397,417	48.25%	534,937,537
Laguna Niguel	14,428,760,703	458,408,318	307,309,897	67.04%	453,149,058	5,259,260	98.85%	0.04%	247,058,672	156,803,083	63.47%	705,466,990
Laguna Woods	2,746,863,438	54,112,633	34,088,040	62.99%	53,842,959	269,674	99.50%	0.01%	23,792,495	15,414,514	64.79%	77,905,128
Lake Forest	11,815,778,770	1,009,687,978	729,687,998	72.27%	1,006,026,792	3,661,186	99.64%	0.03%	680,103,252	515,273,538	75.76%	1,689,791,230
Los Alamitos	1,806,600,233	175,024,797	103,867,940	59.34%	174,843,597	181,200	99.90%	0.01%	85,281,395	54,259,103	63.62%	260,306,192
Mission Viejo	14,470,773,428	284,506,900	169,900,278	59.72%	260,891,753	23,615,147	91.70%	0.16%	138,087,975	73,553,041	53.27%	422,594,875
Rancho Santa Margarita	7,657,437,277	262,391,238	145,652,393	55.51%	259,962,046	2,429,192	99.07%	0.03%	131,931,060	67,122,656	50.88%	394,322,298
San Juan Capistrano	6,160,636,887	74,335,412	49,901,668	67.13%	69,362,061	4,973,351	93.31%	0.08%	27,113,316	18,435,808	68.00%	101,448,728
Villa Park	1,665,189,679	36,526,280	26,129,744	71.54%	35,754,398	771,882	97.89%	0.05%	7,893,582	5,726,946	72.55%	44,419,862
Yorba Linda	11,547,317,523	130,146,331	92,431,517	71.02%	126,589,415	3,556,916	97.27%	0.03%	46,028,455	32,590,406	70.80%	176,174,786
County Unincorporated	23,631,294,266	996,369,765	509,734,979	51.16%	876,656,455	119,713,310	87.99%	0.51%	620,245,122	326,885,328	52.70%	1,616,614,887
TOTAL	\$ 188,266,829,681	\$ 14,462,745,404	\$ 9,174,368,425	63.43%	\$ 14,190,550,913	\$ 272,194,491	98.12%	0.14%	\$ 10,113,068,645	\$ 6,453,521,706	63.81%	\$ 24,575,814,049

¹ Assessment Appeals are net of appeals for properties within CRA project areas.

² Total Applicants Opinion of Value includes only finaled appeals and is net of the following appeals:

- a) Applicant's opinion of the assessed value is higher than the roll value
- b) The appeals database reports that the parcel being appealed has either an assessed value of \$0 or negative assessed value.

Source: County of Orange Clerk of the Board of Supervisors

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

FY 2015-16 SECURED ROLL - ASSESSMENT APPEALS¹

Table 5C

City	Total City-Wide Assessed Value (less CRA Project Area)	Appeals Finalized							Appeals Outstanding			Total
		Total Assessed Value Under Appeal (Finalized Only)	Total Applicant's Opinion of Value for Parcels Under Appeal ²	Applicant's Opinion Value as a % of Assessed Value	Board Approved Value of Parcels Under Appeal	Amount of Secured Value Reduction	Board Approved Value as a % of Parcels Assessed Value	% of Reduction of Total City-Wide Value	Total Assessed Value of Pending Appeals	Pending Appeals-Applicants Opinion of Value	Applicant's Opinion Value as a % of Assessed Value	Total Assessed Value Appealed ³
Aliso Viejo	\$ 8,480,777,698	\$ 709,535,777	\$ 481,986,130	67.93%	\$ 686,824,737	\$ 22,711,040	96.80%	0.27%	\$ 52,209,380	\$ 29,356,840	56.23%	\$ 761,745,157
Cypress	4,930,533,726	318,421,202	183,481,490	57.62%	294,985,503	23,435,699	92.64%	0.48%	4,311,298	2,434,603	56.47%	322,732,500
Dana Point	10,285,413,745	1,099,264,918	345,348,892	31.42%	1,071,887,891	27,377,027	97.51%	0.27%	677,887,061	149,603,172	22.07%	1,777,151,979
Irvine	55,353,989,694	4,795,895,578	3,154,635,540	65.78%	4,569,628,383	226,267,195	95.28%	0.41%	396,565,328	237,739,875	59.95%	5,192,460,906
La Palma	1,458,023,535	28,644,218	18,473,545	64.49%	26,473,695	2,170,523	92.42%	0.15%	14,174,701	10,550,945	74.44%	42,818,919
Laguna Hills	6,083,381,004	221,264,435	159,927,931	72.28%	203,710,029	17,554,406	92.07%	0.29%	7,327,292	4,462,123	60.90%	228,591,727
Laguna Niguel	13,877,577,877	410,740,750	261,995,706	63.79%	402,334,052	8,406,698	97.95%	0.06%	11,349,702	6,483,522	57.13%	422,090,452
Laguna Woods	2,596,859,910	72,841,441	29,351,607	40.30%	71,819,782	1,021,659	98.60%	0.04%	292,402	170,000	58.14%	73,133,843
Lake Forest	10,844,708,728	500,303,226	320,653,898	64.09%	453,796,898	46,506,328	90.70%	0.43%	23,959,633	16,558,635	69.11%	524,262,859
Los Alamitos	1,741,670,214	292,084,417	163,142,756	55.85%	285,742,018	6,342,399	97.83%	0.36%	55,588,531	39,341,255	70.77%	347,672,948
Mission Viejo	13,889,822,759	544,412,795	300,677,714	55.23%	514,391,101	30,021,694	94.49%	0.22%	7,254,015	3,550,000	48.94%	551,666,810
Rancho Santa Margarita	7,356,136,660	180,388,655	102,749,547	56.96%	175,745,994	4,642,661	97.43%	0.06%	7,332,423	3,074,487	41.93%	187,721,078
San Juan Capistrano	5,850,905,293	105,089,906	73,169,025	69.63%	98,419,684	6,670,222	93.65%	0.11%	-	-	0.00%	105,089,906
Villa Park	1,589,304,837	23,821,760	16,798,875	70.52%	22,556,050	1,265,710	94.69%	0.08%	-	-	0.00%	23,821,760
Yorba Linda	11,127,278,846	143,490,615	94,906,755	66.14%	141,081,804	2,408,811	98.32%	0.02%	1,053,543	510,000	48.41%	144,544,158
County Unincorporated	22,429,971,596	789,923,951	470,464,573	59.56%	687,920,477	102,003,474	87.09%	0.45%	27,040,868	7,903,469	29.23%	816,964,819
TOTAL	\$ 177,896,356,122	\$ 10,236,123,644	\$ 6,177,763,984	60.35%	\$ 9,707,318,098	\$ 528,805,546	94.83%	0.30%	\$ 1,286,346,177	\$ 511,738,926	39.78%	\$ 11,522,469,821

¹ Assessment Appeals are net of appeals for properties within CRA project areas.

² Total Applicants Opinion of Value includes only finalized appeals and is net of the following appeals:

- a) Applicant's opinion of the assessed value is higher than the roll value
- b) The appeals database reports that the parcel being appealed has either an assessed value of \$0 or negative assessed value.

Source: County of Orange Clerk of the Board of Supervisors

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

FY 2014-15 SECURED ROLL - ASSESSMENT APPEALS¹

Table 5D

City	Total City-Wide Assessed Value (less CRA Project Area)	Appeals Finaled							Appeals Outstanding			Total
		Total Assessed Value Under Appeal (Finaled Only)	Total Applicant's Opinion of Value for Parcels Under Appeal ²	Applicant's Opinion Value as a % of Assessed Value	Board Approved Value of Parcels Under Appeal	Amount of Secured Value Reduction	Board Approved Value as a % of Parcels Assessed Value	% of Reduction of Total City-Wide Value	Total Assessed Value of Pending Appeals	Pending Appeals-Applicants Opinion of Value	Applicant's Opinion Value as a % of Assessed Value	Total Assessed Value Appealed
Aliso Viejo	\$ 8,137,430,843	\$ 718,983,884	\$ 460,036,009	63.98%	\$ 698,182,601	\$ 20,801,283	97.11%	0.26%	\$ 41,129,008	\$ 20,392,611	49.58%	\$ 760,112,892
Cypress	4,654,115,828	321,670,823	203,556,311	63.28%	291,740,054	29,930,769	90.70%	0.64%	2,528,757	1,056,584	41.78%	324,199,580
Dana Point	9,561,906,396	697,189,750	185,209,986	26.57%	658,283,870	38,905,880	94.42%	0.41%	6,259,632	3,859,994	61.66%	703,449,382
Irvine	50,952,011,665	6,363,457,830	4,268,474,516	67.08%	6,032,749,657	330,708,173	94.80%	0.65%	137,091,282	73,577,005	53.67%	6,500,549,112
La Palma	1,397,586,407	15,974,080	11,421,112	71.50%	13,817,118	2,156,962	86.50%	0.15%	-	-	0.00%	15,974,080
Laguna Hills	5,780,165,214	224,233,269	153,904,103	68.64%	213,278,823	10,954,446	95.11%	0.19%	5,221,618	3,200,000	61.28%	229,454,887
Laguna Niguel	13,125,837,165	363,854,491	240,416,296	66.07%	354,726,137	9,128,354	97.49%	0.07%	7,780,363	4,553,408	58.52%	371,634,854
Laguna Woods	2,397,800,938	106,468,037	56,920,592	53.46%	106,147,032	321,005	99.70%	0.01%	321,761	175,185	54.45%	106,789,798
Lake Forest	10,099,631,297	784,131,457	448,344,268	57.18%	725,432,939	58,698,518	92.51%	0.58%	15,991,065	12,385,729	77.45%	800,122,522
Los Alamitos	1,632,153,012	181,114,768	104,021,887	57.43%	170,579,733	10,535,035	94.18%	0.65%	215,095	163,358	75.95%	181,329,863
Mission Viejo	13,253,018,092	463,105,966	272,558,265	58.85%	443,179,495	19,926,471	95.70%	0.15%	3,350,549	1,689,811	50.43%	466,456,515
Rancho Santa Margarita	7,018,115,158	204,783,842	98,660,719	48.18%	203,681,765	1,102,077	99.46%	0.02%	38,344,179	2,147,136	5.60%	243,128,021
San Juan Capistrano	5,498,084,620	100,241,897	66,074,467	65.92%	97,119,927	3,121,970	96.89%	0.06%	289,520	25,402	8.77%	100,531,417
Villa Park	1,518,989,573	32,184,858	24,428,368	75.90%	30,250,486	1,934,372	93.99%	0.13%	-	-	0.00%	32,184,858
Yorba Linda	10,311,714,966	245,873,154	125,866,161	51.19%	224,034,336	21,838,818	91.12%	0.21%	596,991	312,385	52.33%	246,470,145
County Unincorporated	20,903,884,284	721,885,717	432,288,895	59.88%	606,598,407	115,287,310	84.03%	0.55%	6,487,321	2,932,450	45.20%	728,373,038
TOTAL	\$ 166,242,445,458	\$ 11,545,153,823	\$ 7,152,181,955	61.95%	\$ 10,869,802,380	\$ 675,351,443	94.15%	0.41%	\$ 265,607,141	\$ 126,471,058	47.62%	\$ 11,810,760,964

¹ Assessment Appeals are net of appeals for properties within CRA project areas.

² Total Applicants Opinion of Value includes only finaled appeals and is net of the following appeals:

a) Applicant's opinion of the assessed value is higher than the roll value

b) The appeals database reports that the parcel being appealed has either an assessed value of \$0 or negative assessed value.

Source: County of Orange Clerk of the Board of Supervisors

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

FY 2013-14 SECURED ROLL - ASSESSMENT APPEALS¹

Table 5E

City	Total City-Wide Assessed Value (less CRA Project Area)	Appeals Finalized							Appeals Outstanding			Total
		Total Assessed Value Under Appeal (Finalized Only)	Total Applicant's Opinion of Value for Parcels Under Appeal ²	Applicant's Opinion Value as a % of Assessed Value	Board Approved Value of Parcels Under Appeal	Amount of Secured Value Reduction	Board Approved Value as a % of Parcels Assessed Value	% of Reduction of Total City-Wide Value	Total Assessed Value of Pending Appeals	Pending Appeals- Applicants Opinion of Value	Applicant's Opinion Value as a % of Assessed Value	Total Assessed Value Appealed
Aliso Viejo	\$ 7,551,433,558	\$ 769,434,620	416,200,291	54.09%	\$ 752,337,617	\$ 17,097,003	97.78%	0.23%	\$ -	\$ -	0.00%	\$ 769,434,620
Cypress	4,465,375,166	401,898,194	247,203,783	61.51%	360,283,101	41,615,093	89.65%	0.93%	389,688	200,000	51.32%	402,287,882
Dana Point	8,906,575,013	504,354,001	189,636,910	37.60%	453,140,364	51,213,637	89.85%	0.58%	11,127	1,112	9.99%	504,365,128
Irvine	46,781,948,153	4,986,039,803	3,148,118,024	63.14%	4,634,377,603	351,662,200	92.95%	0.75%	90,922,565	47,547,386	52.29%	5,076,962,368
La Palma	1,331,017,951	13,895,457	9,379,850	67.50%	11,359,750	2,535,707	81.75%	0.19%	-	-	0.00%	13,895,457
Laguna Hills	5,482,351,231	323,657,717	204,405,053	63.15%	300,856,193	22,801,524	92.96%	0.42%	4,411,590	2,200,000	49.87%	328,069,307
Laguna Niguel	12,265,995,293	407,532,379	268,236,441	65.82%	395,533,894	11,998,485	97.06%	0.10%	-	-	0.00%	407,532,379
Laguna Woods	2,207,900,802	98,744,562	67,584,230	68.44%	98,044,446	700,116	99.29%	0.03%	-	-	0.00%	98,744,562
Lake Forest	9,652,356,833	1,254,500,874	759,461,177	60.54%	1,191,763,508	62,737,366	95.00%	0.65%	4,142,105	3,286,625	79.35%	1,258,642,979
Los Alamitos	1,549,393,879	175,041,982	105,152,739	60.07%	157,508,014	17,533,968	89.98%	1.13%	-	-	0.00%	175,041,982
Mission Viejo	12,403,512,378	417,792,177	229,143,615	54.85%	365,596,741	52,195,436	87.51%	0.42%	-	-	0.00%	417,792,177
Rancho Santa Margarita	6,565,989,767	245,675,675	139,900,773	56.95%	232,984,304	12,691,371	94.83%	0.19%	17,781,361	249,830	1.41%	263,457,036
San Juan Capistrano	5,089,916,347	168,814,599	92,743,822	54.94%	157,058,022	11,756,577	93.04%	0.23%	289,703	21,945	7.57%	169,104,302
Villa Park	1,457,879,722	29,948,951	22,448,965	74.96%	27,761,577	2,187,374	92.70%	0.15%	-	-	0.00%	29,948,951
Yorba Linda	9,577,613,910	95,696,143	58,049,820	60.66%	93,634,259	2,061,884	97.85%	0.02%	-	-	0.00%	95,696,143
County Unincorporated	19,540,114,461	854,498,552	524,331,034	61.36%	782,854,852	71,643,700	91.62%	0.37%	3,226,227	1,410,418	43.72%	857,724,779
TOTAL	\$ 154,829,374,464	\$ 10,747,525,686	\$ 6,481,996,527	60.31%	\$ 10,015,094,245	\$ 732,431,441	93.19%	0.47%	\$ 121,174,366	\$ 54,917,316	45.32%	\$ 10,868,700,052

¹ Assessment Appeals are net of appeals for properties within CRA project areas.

² Total Applicants Opinion of Value includes only finalized appeals and is net of the following appeals:

- a) Applicant's opinion of the assessed value is higher than the roll value
- b) The appeals database reports that the parcel being appealed has either an assessed value of \$0 or negative assessed value.

Source: County of Orange Clerk of the Board of Supervisors

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

FY 2013-14 through FY 2017-18 UNSECURED ROLL - ASSESSMENT APPEALS¹

Table 5F

Year	Jurisdiction	Total City-Wide Unsecured Assessed Value (less CRA Project Areas)	Appeals Finished							Appeals Outstanding			Total Total Assessed Value for all Appeals ³
			Total Assessed Value Under Appeal (Finished Only)	Total Applicant's Opinion of Value for Parcels Under Appeal ²	Applicant's Opinion Value as a % of Assessed Value	Board Approved Value of Parcels Under Appeal	Amount of Unsecured Value Reduction	Board Approved Value as a % of Parcels Assessed Value	% of Reduction of Total City- Wide Value	Total Assessed Value of Pending Appeals	Pending Appeals- Applicants Opinion of Value	Applicant's Opinion Value as a % of Assessed Value	
2013-14	Total	\$ 6,071,347,346	\$ 185,930,484	\$ 73,661,105	39.6%	\$ 182,489,690	\$ 3,440,794	98.1%	0.1%	\$ 23,791,744	\$ 1,197,683	5.0%	\$ 209,722,228
	Aliso Viejo	326,378,450	13,454,842	5,180,417	38.5%	13,454,842	-	100.0%	0.0%	395,213	24,988	6.3%	13,850,055
	Cypress	246,173,409	32,678	23,948	73.3%	27,295	5,383	83.5%	0.0%	656,895	31,528	4.8%	689,573
	Dana Point	220,174,838	10,087,991	3,561,101	35.3%	10,087,991	-	100.0%	0.0%	367,296	31,792	8.7%	10,455,287
	Irvine	3,608,804,117	74,272,627	33,015,742	44.5%	70,890,276	3,382,351	95.4%	0.1%	1,249,057	64,941	5.2%	75,521,684
	La Palma	5,154,387	3,745	2,881	76.9%	3,745	-	100.0%	0.0%	206,629	9,917	4.8%	210,374
	Laguna Hills	131,373,832	7,619,896	3,031,602	39.8%	7,619,896	-	100.0%	0.0%	303,267	14,556	4.8%	7,923,163
	Laguna Niguel	136,923,811	13,560,347	4,873,330	35.9%	13,560,347	-	100.0%	0.0%	483,311	27,028	5.6%	14,043,658
	Laguna Woods	29,386,777	554,750	278,070	50.1%	554,750	-	100.0%	0.0%	-	-	0.0%	554,750
	Lake Forest	568,391,957	11,935,064	4,140,439	34.7%	11,935,064	-	100.0%	0.0%	726,307	34,860	4.8%	12,661,371
	Los Alamitos	125,539,616	16,583	11,957	72.1%	16,583	-	100.0%	0.0%	204,692	15,985	7.8%	221,275
	Mission Viejo	140,471,830	15,764,774	5,349,160	33.9%	15,764,774	-	100.0%	0.0%	1,417,844	112,026	7.9%	17,182,618
	Rancho Santa Margarita	193,154,162	15,556,011	5,226,898	33.6%	15,556,011	-	100.0%	0.0%	16,292,560	751,895	4.6%	31,848,571
	San Juan Capistrano	51,649,102	10,240,524	4,247,854	41.5%	10,193,831	46,693	99.5%	0.1%	310,809	16,556	5.3%	10,551,333
	Villa Park	8,719,433	2,537	1,090	43.0%	2,537	-	100.0%	0.0%	108,834	5,224	4.8%	111,371
	Yorba Linda	50,452,488	47,787	38,855	81.3%	41,420	6,367	86.7%	0.0%	1,069,030	56,387	5.3%	1,116,817
	County Unincorporated	228,599,137	12,780,328	4,677,761	36.6%	12,780,328	-	100.0%	0.0%	-	-	0.0%	12,780,328
2014-15	Total	\$ 6,573,511,086	\$ 20,187,266	\$ 10,359,741	51.3%	\$ 18,787,144	\$ 1,400,122	93.1%	0.0%	\$ 29,930,244	\$ 2,504,115	8.4%	\$ 50,117,510
	Aliso Viejo	303,309,603	8,840	1,000	11.3%	8,840	-	100.0%	0.0%	339,831	26,969	7.9%	348,671
	Cypress	237,074,984	1,013,399	335,317	33.1%	795,543	217,856	78.5%	0.1%	552,824	33,169	6.0%	1,566,223
	Dana Point	225,225,171	4,764	-	0.0%	4,764	-	100.0%	0.0%	337,034	33,823	10.0%	341,798
	Irvine	3,776,446,609	11,482,004	5,684,347	49.5%	10,733,973	748,031	93.5%	0.0%	1,075,982	69,452	6.5%	12,557,986
	La Palma	8,098,331	-	-	0.0%	-	-	100.0%	0.0%	165,353	9,921	6.0%	165,353
	Laguna Hills	151,297,894	1,873,145	1,089,542	58.2%	1,873,145	-	100.0%	0.0%	270,980	16,259	6.0%	2,144,125
	Laguna Niguel	145,013,972	8,926	-	0.0%	8,926	-	100.0%	0.0%	440,070	29,934	6.8%	448,996
	Laguna Woods	26,934,939	-	-	0.0%	-	-	100.0%	0.0%	-	-	0.0%	-
	Lake Forest	751,787,366	41,749	1,500	3.6%	41,749	-	100.0%	0.0%	653,783	41,089	6.3%	695,532
	Los Alamitos	145,957,217	241,358	71,742	29.7%	193,644	47,714	80.2%	0.0%	187,654	17,263	9.2%	429,012
	Mission Viejo	180,002,553	28,423	1,000	3.5%	28,423	-	100.0%	0.0%	1,219,790	117,447	9.6%	1,248,213
	Rancho Santa Margarita	213,481,392	9,936	-	0.0%	9,936	-	100.0%	0.0%	15,583,801	1,469,857	9.4%	15,593,737
	San Juan Capistrano	44,433,645	69,348	17,440	25.1%	55,475	13,873	80.0%	0.0%	304,415	19,817	6.5%	373,763
	Villa Park	8,265,476	510,244	323,533	63.4%	481,218	29,026	94.3%	0.4%	100,050	6,003	6.0%	610,294
	Yorba Linda	70,526,503	4,895,130	2,834,320	57.9%	4,551,508	343,622	93.0%	0.5%	902,983	58,926	6.5%	5,798,113
	County Unincorporated	285,655,431	-	-	0.0%	-	-	100.0%	0.0%	7,795,694	554,186	7.1%	7,795,694

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

FY 2013-14 through FY 2017-18 UNSECURED ROLL - ASSESSMENT APPEALS¹

Table 5F

Year	Jurisdiction	Total City-Wide Unsecured Assessed Value (less CRA Project Areas)	Appeals Finished							Appeals Outstanding			Total
			Total Assessed Value Under Appeal (Finished Only)	Total Applicant's Opinion of Value for Parcels Under Appeal ²	Applicant's Opinion Value as a % of Assessed Value	Board Approved Value of Parcels Under Appeal	Amount of Unsecured Value Reduction	Board Approved Value as a % of Parcels Assessed Value	% of Reduction of Total City Wide Value	Total Assessed Value of Pending Appeals	Pending Appeals Applicants Opinion of Value	Applicant's Opinion Value as a % of Assessed Value	Total Assessed Value for all Appeals ³
2015-16	Total	\$ 6,428,384,004	\$ 186,521,669	\$ 106,884,830	57.3%	\$ 186,228,014	\$ 293,655	99.8%	0.0%	\$ 7,517,712	\$ 4,477,000	59.6%	\$ 194,039,381
	Aliso Viejo	285,186,537	11,726,439	9,310,503	79.4%	11,726,439	-	100.0%	0.0%	351,207	240,407	68.5%	12,077,646
	Cypress	256,754,413	258,772	175,584	67.9%	255,520	3,252	98.7%	0.0%	560,371	362,211	64.6%	819,143
	Dana Point	228,253,473	10,848,986	7,785,273	71.8%	10,848,986	-	100.0%	0.0%	388,853	213,960	55.0%	11,237,839
	Irvine	3,787,423,720	66,774,320	47,846,009	71.7%	66,763,927	10,393	100.0%	0.0%	1,154,395	778,641	67.5%	67,928,715
	La Palma	7,153,809	124,878	43,831	35.1%	124,878	-	100.0%	0.0%	163,349	103,278	63.2%	288,227
	Laguna Hills	141,389,021	9,046,355	3,197,539	35.3%	8,988,007	58,348	99.4%	0.0%	295,445	198,744	67.3%	9,341,800
	Laguna Niguel	138,068,862	15,343,940	6,577,635	42.9%	15,343,940	-	100.0%	0.0%	490,255	332,655	67.9%	15,834,195
	Laguna Woods	23,357,220	1,649,985	1,156,755	70.1%	1,649,985	-	100.0%	0.0%	-	-	0.0%	1,649,985
	Lake Forest	722,907,305	12,662,085	5,548,978	43.8%	12,662,085	-	100.0%	0.0%	671,866	376,977	56.1%	13,333,951
	Los Alamitos	146,100,326	45,758	38,090	83.2%	45,758	-	100.0%	0.0%	198,559	124,956	62.9%	244,317
	Mission Viejo	160,491,756	20,734,524	8,270,107	39.9%	20,524,927	209,597	99.0%	0.1%	1,322,545	662,409	50.1%	22,057,069
	Rancho Santa Margarita	216,725,383	13,545,541	4,930,404	36.4%	13,545,541	-	100.0%	0.0%	577,159	206,874	35.8%	14,122,700
	San Juan Capistrano	43,259,807	9,387,332	3,214,501	34.2%	9,379,059	8,273	99.9%	0.0%	334,826	223,834	66.9%	9,722,158
	Villa Park	7,501,416	107,577	23,383	21.7%	107,577	-	100.0%	0.0%	101,217	63,615	62.9%	208,794
	Yorba Linda	51,869,115	810,412	259,396	32.0%	806,620	3,792	99.5%	0.0%	907,665	588,439	64.8%	1,718,077
	County Unincorporated	211,941,841	13,454,765	8,506,842	63.2%	13,454,765	-	100.0%	0.0%	-	-	0.0%	13,454,765
2016-17	Total	\$ 6,525,404,686	\$ 281,524	\$ 137,877	49.0%	\$ 281,524	\$ -	100.0%	0.0%	\$ 370,997,744	\$ 151,573,416	40.9%	\$ 371,279,268
	Aliso Viejo	299,535,745	-	-	0.0%	-	-	100.0%	0.0%	25,428,083	9,878,018	38.8%	25,428,083
	Cypress	269,280,869	-	-	0.0%	-	-	100.0%	0.0%	412,020	5,680	1.4%	412,020
	Dana Point	235,309,262	-	-	0.0%	-	-	100.0%	0.0%	21,265,781	9,857,165	46.4%	21,265,781
	Irvine	3,814,496,562	185,676	92,242	49.7%	185,676	-	100.0%	0.0%	131,958,981	50,652,017	38.4%	132,144,657
	La Palma	11,380,205	-	-	0.0%	-	-	100.0%	0.0%	3,660	3,187	87.1%	3,660
	Laguna Hills	132,966,065	-	-	0.0%	-	-	100.0%	0.0%	18,117,255	8,070,120	44.5%	18,117,255
	Laguna Niguel	143,042,634	-	-	0.0%	-	-	100.0%	0.0%	32,081,970	14,226,485	44.3%	32,081,970
	Laguna Woods	25,910,617	-	-	0.0%	-	-	100.0%	0.0%	3,274,178	1,028,440	31.4%	3,274,178
	Lake Forest	752,472,022	3,555	-	0.0%	3,555	-	100.0%	0.0%	25,643,660	10,749,624	41.9%	25,647,215
	Los Alamitos	154,658,880	-	-	0.0%	-	-	100.0%	0.0%	128,414	8,376	6.5%	128,414
	Mission Viejo	154,706,148	3,641	1,309	36.0%	3,641	-	100.0%	0.0%	39,822,567	15,420,540	38.7%	39,826,208
	Rancho Santa Margarita	153,513,922	88,652	44,326	50.0%	88,652	-	100.0%	0.0%	27,355,849	11,668,530	42.7%	27,444,501
	San Juan Capistrano	51,767,371	-	-	0.0%	-	-	100.0%	0.0%	18,814,075	7,558,163	40.2%	18,814,075
	Villa Park	8,895,620	-	-	0.0%	-	-	100.0%	0.0%	-	-	0.0%	-
	Yorba Linda	48,816,942	-	-	0.0%	-	-	100.0%	0.0%	21,333	7,671	36.0%	21,333
	County Unincorporated	268,651,822	-	-	0.0%	-	-	100.0%	0.0%	26,669,918	12,439,400	46.6%	26,669,918

**ORANGE COUNTY FIRE AUTHORITY
2017-18 PROPERTY TAX REVENUE PROJECTIONS**

FY 2013-14 through FY 2017-18 UNSECURED ROLL - ASSESSMENT APPEALS¹

Table 5F

Year	Jurisdiction	Total City-Wide Unsecured Assessed Value (less CRA Project Areas)	Appeals Finaled							Appeals Outstanding			Total
			Total Assessed Value Under Appeal (Finaled Only)	Total Applicant's Opinion of Value for Parcels Under Appeal ²	Applicant's Opinion Value as a % of Assessed Value	Board Approved Value of Parcels Under Appeal	Amount of Unsecured Value Reduction	Board Approved Value as a % of Parcels Assessed Value	% of Reduction of Total City Wide Value	Total Assessed Value of Pending Appeals	Pending Appeals Applicants Opinion of Value	Applicant's Opinion Value as a % of Assessed Value	Total Assessed Value for all Appeals ³
2017-18	Total	\$ 7,153,971,209	\$ -	\$ -	0.0%	\$ -	\$ -	100.0%	0.0%	\$ 188,677,663	\$ 128,999,252	68.4%	\$ 188,677,663
	Aliso Viejo	337,417,031	-	-	0.0%	-	-	100.0%	0.0%	12,266,750	8,515,556	69.4%	12,266,750
	Cypress	256,488,372	-	-	0.0%	-	-	100.0%	0.0%	271,165	79,842	29.4%	271,165
	Dana Point	367,761,153	-	-	0.0%	-	-	100.0%	0.0%	10,546,431	7,312,938	69.3%	10,546,431
	Irvine	4,088,429,662	-	-	0.0%	-	-	100.0%	0.0%	65,419,227	44,742,237	68.4%	65,419,227
	La Palma	7,252,667	-	-	0.0%	-	-	100.0%	0.0%	73,389	18,753	25.6%	73,389
	Laguna Hills	137,784,945	-	-	0.0%	-	-	100.0%	0.0%	10,219,912	6,699,340	65.6%	10,219,912
	Laguna Niguel	201,583,751	-	-	0.0%	-	-	100.0%	0.0%	16,005,699	11,101,764	69.4%	16,005,699
	Laguna Woods	31,743,429	-	-	0.0%	-	-	100.0%	0.0%	1,662,228	1,143,156	68.8%	1,662,228
	Lake Forest	787,447,013	-	-	0.0%	-	-	100.0%	0.0%	13,510,612	9,293,544	68.8%	13,510,612
	Los Alamitos	166,337,345	-	-	0.0%	-	-	100.0%	0.0%	83,555	21,915	26.2%	83,555
	Mission Viejo	150,153,751	-	-	0.0%	-	-	100.0%	0.0%	20,609,519	14,138,903	68.6%	20,609,519
	Rancho Santa Margarita	216,647,234	-	-	0.0%	-	-	100.0%	0.0%	13,545,247	9,423,480	69.6%	13,545,247
	San Juan Capistrano	39,076,642	-	-	0.0%	-	-	100.0%	0.0%	10,193,154	6,720,052	65.9%	10,193,154
	Villa Park	8,391,667	-	-	0.0%	-	-	100.0%	0.0%	37,501	10,965	29.2%	37,501
	Yorba Linda	47,615,219	-	-	0.0%	-	-	100.0%	0.0%	437,982	120,123	27.4%	437,982
	County Unincorporated	309,841,328	-	-	0.0%	-	-	100.0%	0.0%	13,795,292	9,656,684	70.0%	13,795,292

¹ Assessment Appeals are net of appeals for properties within CRA project areas.

² Total Applicants Opinion of Value includes only finaled appeals and is net of the following appeals:

- a) Applicant's opinion of the assessed value is higher than the roll value
- b) The appeals database reports that the parcel being appealed has either an assessed value of \$0 or negative assessed value.

³ Assessment Appeals analyzed for FY 2017-18 include only those that have been submitted by March 15, 2018.

Note:

Data provided by the Clerk of the Board showed negative differences between the Applicant's Opinion of the Total Assessed Value and the Assessor's Total Assessed Value for some petitions. These cases were

- 1) The Applicant's Opinion of the Total Value estimated the total value of the parcel while the Total Assessed Value only represented the supplemental value.
- 2) The Applicant mistakenly entered a higher opinion of value (did not know the Assessor's value at the time of filing) than the Assessor's Total Assessed Value.
- 3) Assessor lowered (revised assessment) the Total Assessed Value after Applicant filed the appeal or Applicant was not aware of the revised value at the time of filing.
- 4) The Assessor's Total Assessed Value was based on the parcel's supplemental value (incremental increase which occurred after a reassessable transfer of title i.e., sale) while the Applicant's Opinion of the Total Value was based on the Assessor's Total

Source: County of Orange Clerk of the Board of Supervisors

The logo of the Orange County Fire Authority is a Maltese cross. The top arm contains the word "FIRE". The left arm contains the words "ORANGE COUNTY". The right arm contains the word "CALIFORNIA". The bottom arm contains the word "AUTHORITY". In the center of the cross is a circular seal depicting a landscape with mountains, a river, and a sun. Below the cross, the text "Est. 1995" is visible.

Secured Property Tax Revenue Forecast

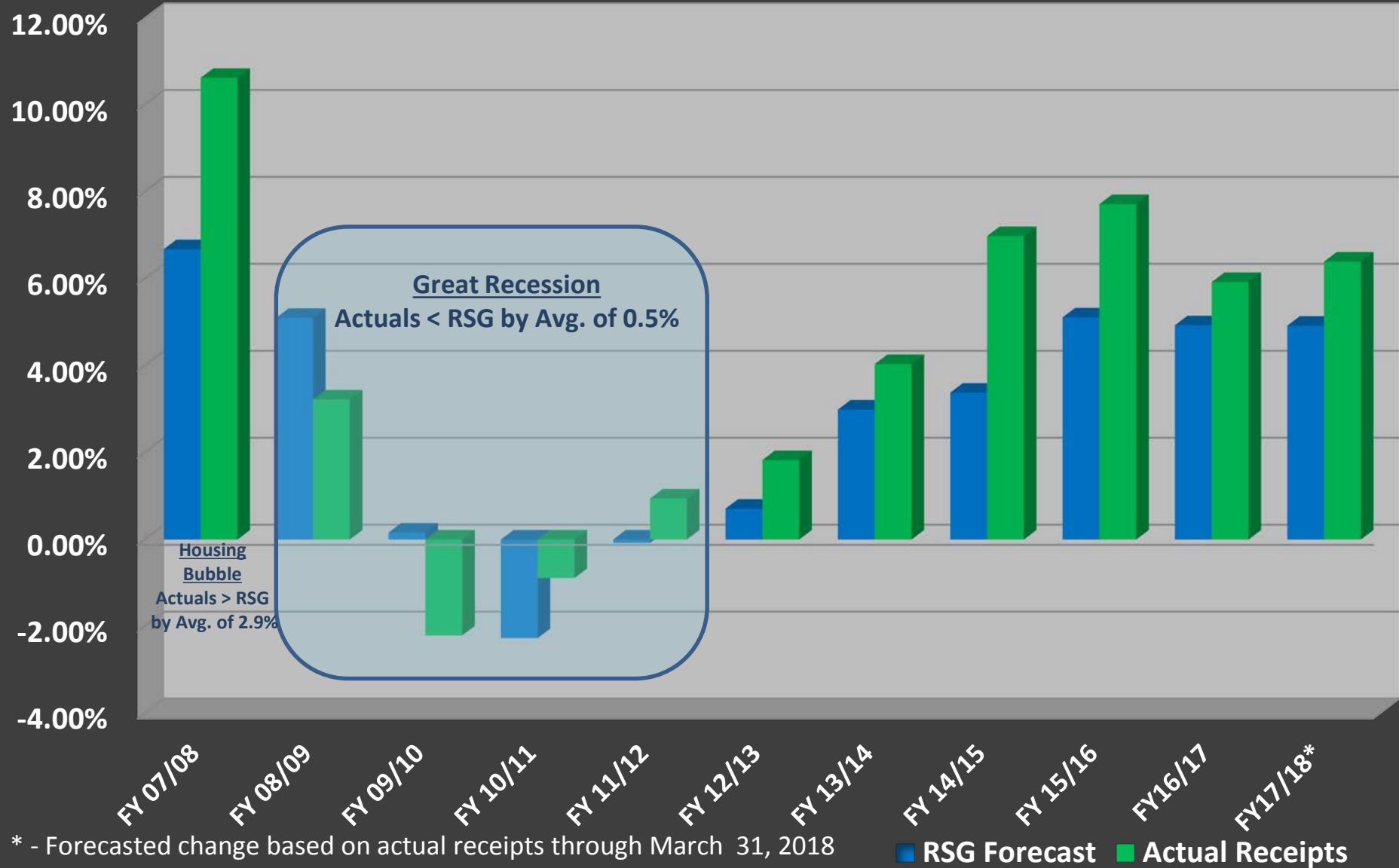
OCFA Budget & Finance Committee

May 9, 2018

Key Sources of Data for RSG Forecast

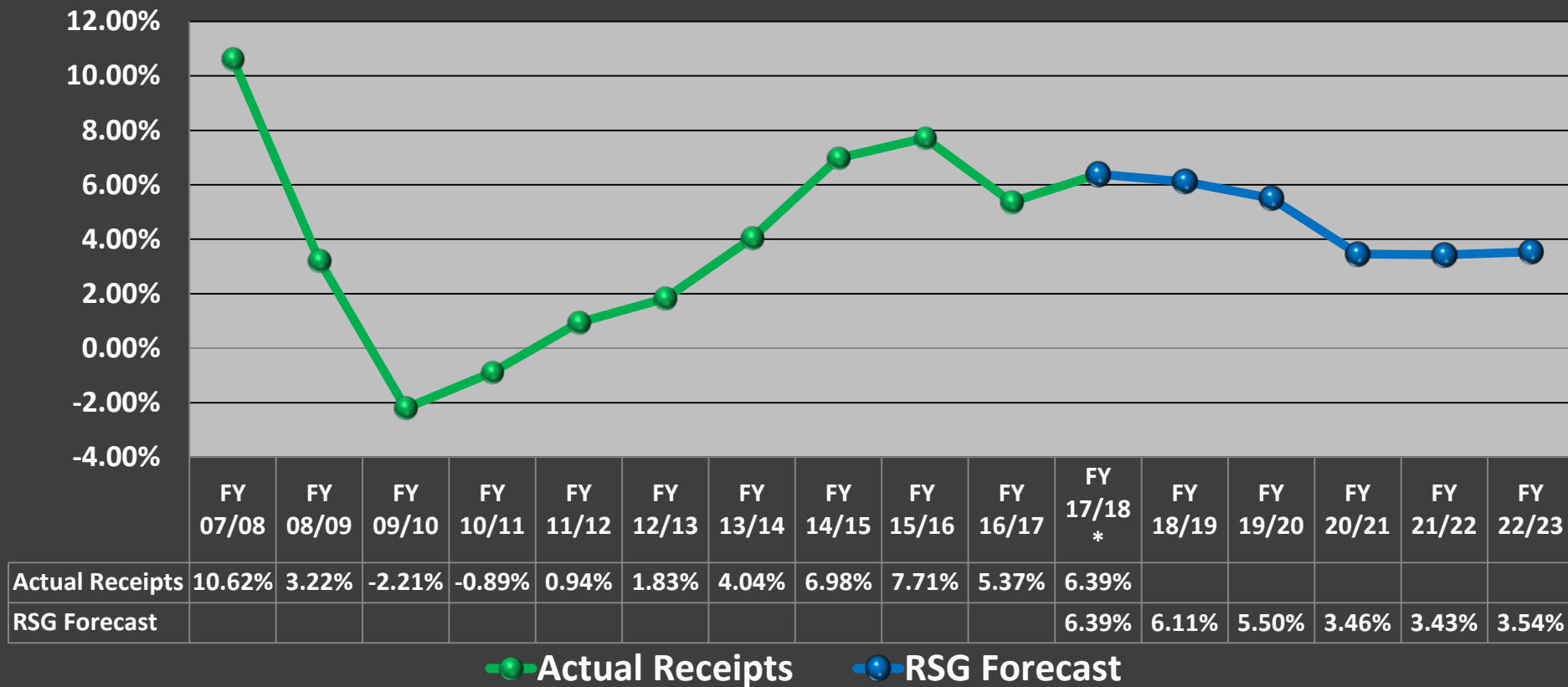
- County Auditor-Controller Reports
- Resale Activity
- Non-Recorded Resale
- Building Permit Data
- New Construction Projects
- California CPI
- Assessment Appeal Activity
- Case-Shiller Home Price Index
- Commercial and Industrial Market Data
- Economic Forecasts

RSG Projections vs. Actual Receipts



5-Year Secured Property Tax Forecast

- Property Tax Growth Slowed Dramatically After 2008 Due to Housing Recession
- Compound Annual Growth Rate of 4.8% Over the Last 7 Years
- Compound Annual Growth Rate of 4.4% Projected For the Next 5 Years



* - Forecasted change based on actual receipts through March 31, 2018



Orange County Fire Authority
AGENDA STAFF REPORT

Budget and Finance Committee Meeting
May 9, 2018

Agenda Item No. 4C
Discussion Calendar

Review of the Fiscal Year 2018/19 Proposed Budget

Contact(s) for Further Information

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Deborah Gunderson, Budget Manager	deborahgunderson@ocfa.org	714.573.6302

Summary

This item presents the Fiscal Year 2018/19 Proposed General Fund and Capital Improvement Program (CIP) Budget for review by the Budget and Finance Committee.

Prior Board/Committee Action

The CIP Ad Hoc Committee reviewed the Proposed CIP Budget with staff on April 11, 2018, and provided support for moving the CIP Budget forward to the Budget and Finance Committee and Board of Directors for approval. The Committee also recommended that staff ensure (1) the gravel parking lot (planned for reuse as additional training grounds at Regional Fire Operations and Training Center) complies with city codes for required parking spaces; (2) that OCFA's data center is protected from accidental flooding damage due to plumbing/water supply lines flowing to the offices upstairs from the data center; and (3) that future CIP Ad Hoc Committee reviews include a report on the total revenue received from the sale of surplus and obsolete vehicles as an offset against the cost for vehicle replacements.

The City Managers' Budget and Finance Committee reviewed the FY 2018/19 Proposed Budget with staff on April 19, 2018, and recommended that the OCFA Budget and Finance Committee and Board of Directors adopt the FY 2018/19 Budget, as submitted.

RECOMMENDED ACTION(S)

Review the proposed agenda item and direct staff to place the item on the agenda for the Board of Directors meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Board of Directors take the following actions:

1. Conduct a Public Hearing
2. Adopt the proposed FY 2018/19 Budget as submitted.
3. Adopt the 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 2018/19.
4. Approve and authorize the temporary transfer of up to \$46 million from the following funds to cover a projected temporary cash flow shortfall for FY 2018/19:
 - a. Fund 123 Fire Stations and Facilities - \$10 million
 - b. Fund 133 Fire Apparatus - \$20 million
 - c. Fund 190 Workers' Compensation Reserve Fund - \$16 million
5. Approve and authorize the repayment of \$46 million borrowed funds from Fund 121 to the above funds along with interest when General Fund revenues become available in FY 2018/19.
6. Approve an update to the Financial Stability Budget Policy allowing for as needed transfers to the CIP funds at fiscal year onset.

7. Approve and authorize FY 2017/18 budget adjustments to increase General Fund (121) revenues by net \$2,242,077 and General Fund (121) expenditures by \$2,587,327; decrease expenditures in Fire Stations and Facilities Fund (123) by \$7,500,000 and decrease Fire Apparatus Fund (133) by \$145,000.

Impact to Cities/County

The proposed FY 2018/19 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 23 of the Revenue section in the attached Budget book).

Fiscal Impact

See attached Proposed Budget

Background

We are pleased to present the proposed FY 2018/19 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 2018/19 and for all five years of the five-year forecast. An operating transfer from the General Fund to the CIP funds is included in the proposed budget, contingent on approval of the update to the Financial Stability Budget Policy. The Budget Overview in the attached budget book provides details relating to staff's recommendations to unfreeze and fund positions from the Master Position Control.

Proposed 2017/18 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 \$2,242,077. This adjustment is comprised of the following:
 - \$948,339 increase to Supplemental Property tax
 - \$1,768,133 increase to State reimbursements for assistance by hire
 - \$435,605 decrease to San Clemente contract due to cancellation the Ambulance service portion of the contract
 - \$38,790 decrease to miscellaneous revenue categories
- Increase to General Fund (121) expenditures of \$2,587,327. This adjustment is comprised of the following:
 - \$2,290,173 increase for ABH overtime
 - \$7,154 increase for salary adjustment to Assistant Fire Marshal as approved by the Executive Committee
 - \$290,000 increase for miscellaneous expenditure for vehicle outfitting costs, helicopter maintenance and miscellaneous equipment. This is partially offset by a reduction of \$145,000 from the Fire Apparatus Fund (133) to move the budget to the General Fund.
- Decrease to Fire Stations and Facilities Fund (123) expenditures of \$7.5M. The budget for the project to replace Fire Station 10 has been included in the proposed FY 2018/19 and FY 2019/20 budgets
- Decrease to Fire Apparatus Fund (133) expenditures of \$145,000. The expenditures are being performed and properly accounted for in the General Fund, therefore the expenditure budget is being moved to the General Fund.

Attachment(s)

1. Proposed Resolution
2. FY 2017/18 Proposed Budget
3. Update to Financial Stability Budget Policy

RESOLUTION NO. 2018-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 2018/19**

*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 2018/19 is approved and adopted by the Board of Directors as follows:

<u>General Fund Operating Appropriations</u>	
Salary and Employee Benefits	\$336,309,298
UAAL Pay-down to OCERS	\$9,167,397
Services and Supplies (including one-time)	\$31,069,162
Capital Outlay	<u>\$159,000</u>
Total Operating Appropriations	\$376,704,857
Operating Transfers-out of General Fund	
To CIP Fund(s)	\$5,203,761
<u>Other Funds Appropriations</u>	
Fund 12110 – General Fund CIP	\$4,121,700
Fund 123 – Fire Stations and Facilities	\$14,120,000
Fund 124 – Communications and Info. Systems	\$7,734,148
Fund 133 – Fire Apparatus	\$8,145,951
Fund 171 – Structural Fire Entitlement Fund	\$525,336
Fund 190 – Self-Insurance Fund	<u>\$14,760,398</u>
Total Other Funds Appropriations	\$49,407,533
<u>Reserves</u>	
10% Operating Contingency	\$36,753,746

PASSED, APPROVED and ADOPTED this 24th day of May 2018.

ED SACHS, CHAIR
Board of Directors

ATTEST:

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

ORANGE COUNTY FIRE AUTHORITY

BUDGET AND FINANCE COMMITTEE FY 2018/19 PROPOSED BUDGET



Business Services Department
Treasury & Financial Planning
May 9, 2018



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BUDGET AND FINANCE COMMITTEE

FY 2018/19 PROPOSED GENERAL FUND AND CIP BUDGETS

May 9, 2018

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Budget Overview

We are pleased to present the proposed FY 2018/19 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 2018/19 and meets our policy reserve requirements.

At 66% 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 10. Although RSG employs conservative assumptions and methodologies, the forecast for property tax revenue remains cautiously optimistic over the five year forecast.

The recovery and growth of our largest revenue source provides OCFA the ability to continue to restore positions frozen during the economic downturn. Consistent with our approach for the last three fiscal years, our strategy has been to request restoration of the frozen positions over multiple years, in an effort to ensure that our revenues are sustained and sufficient to fund the positions, while also ensuring that the added costs are phased-in to our contract member agencies over time. Wherever feasible, positions are funded with reductions in other budget areas. With this FY 2018/19 budget, we are requesting to reclassify and unfreeze 9 existing positions, including:

- Three Battalion Chiefs (1 Post position) to create a new Battalion in Irvine, starting July, 2018. The need for the positions is driven by, and funded from, continued growth and development in the city.
- Three frontline firefighter/paramedic positions (1 Post position) to provide enhanced services to Fire Station 25 in Midway City.
- One Accountant position in Finance, funded from a corresponding reduction in the Finance services and supplies budget.
- One Fire Equipment Technician in EMS, funded from a corresponding reduction in the EMS services and supplies budget.
- One Fire Delivery Driver, Part-time in Community Risk Reduction, funded from fees collected in the planning and development section.

None of these restored positions will impact Cash Contract Cities since they are all funded by Structural Fire Fund property taxes, fee revenues, or reductions of other areas of the budget.

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; 4 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. Our efforts to restore the service levels needed for OCFA are not yet complete, but we are making good progress in returning these frozen positions to active status. As in the past, non-frozen vacant positions are funded.

FY 2018/19 Proposed Budget

- ***Services and Supplies*** – All sections were directed to hold their services and supplies (S&S) budget at the FY 2017/18 level after one-time increases were removed. Requested increases for FY 2018/19 were reviewed and approved on a case-by-case basis. Approved requests or changes are listed on each department summary page.
- ***Salaries*** – The proposed budget includes scheduled salary increases only for positions included in an approved MOU. Merit increases are included for qualifying employees.
- ***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 scrutinized 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.

Consistent with the recently updated Financial Stability Budget Policy, operating transfers of General Fund surplus to the CIP funds primarily occur at the Mid-Year Budget Adjustment. 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. However this fiscal year we are seeking to amend the Financial Stability Budget Policy to allow for transfers to the CIP fund(s) when needed at fiscal year onset. The intention of this change is allow transfers sufficient to prevent a negative ending fund balance in the CIP fund(s) at budget adoption.

- ***Snowball Plan*** – The budget includes approximately \$9.1M in additional unfunded pension liability payments, in accordance with Board direction to continue to pay-down the UAAL.

Several years of growing property tax revenues have allowed us to strategically unfreeze and fill positions throughout the agency. The nine positions we are seeking with this budget will better position the OCFA to achieve this goal, and in turn improve and enhance the services we provide to our member agencies and the citizens we serve.

ORANGE COUNTY FIRE AUTHORITY
FUND 121 - GENERAL FUND
REVENUE AND EXPENDITURE SUMMARY
FY 2018/19 BUDGET

	FY 2017/18 Adjusted Budget (2)	FY 2018/19 Draft Proposed Budget	\$ Change from FY 2017/18 Adjusted	% Change from FY 2017/18 Adjusted
FUNDING SOURCES				
Property Taxes	\$244,761,645	\$260,069,047	\$15,307,402	6.25%
Intergovernmental	15,729,661	20,286,643	4,556,982	28.97%
Charges for Current Services	106,390,732	111,933,207	5,542,475	5.21%
Use of Money & Property	562,353	1,036,063	473,710	84.24%
Other	1,333,751	1,021,382	(312,369)	-23.42%
Subtotal Revenues	368,778,142	394,346,342	25,568,200	6.93%
One-time Grant/ABH/RDA	20,787,678	-	(20,787,678)	-100.00%
Total Revenues & Other Financing Sources	389,565,820	394,346,342	4,780,522	1.23%
Beginning Fund Balance	68,305,665	54,705,371	(13,600,294)	-19.91%
TOTAL AVAILABLE RESOURCES	\$457,871,485	\$449,051,713	(\$8,819,772)	-1.93%
EXPENDITURES				
Salaries & Employee Benefits	321,935,171	\$336,309,298	\$14,374,127	4.46%
Services & Supplies	28,535,464	29,316,916	781,452	2.74%
Capital Outlay	140,000	159,000	19,000	13.57%
Subtotal Expenditures	350,610,635	365,785,214	15,174,579	4.33%
One-time Grant/ABH	26,378,632	1,752,246	(24,626,386)	-93.36%
UAAL Paydowns-Pension & Retiree Medical	22,206,806	9,167,397	(13,039,409)	-58.72%
Total Expenditures & Other Uses	399,196,073	376,704,857	(22,491,216)	-5.63%
Operating Transfer Out	3,970,041	5,203,761	1,233,720	31.08%
Appropriation for Contingencies (1)	3,000,000	3,000,000	-	0.00%
Ending Fund Balance	51,705,371	64,143,095	12,437,724	24.05%
TOTAL FUND COMMITMENTS & FUND BALANCE	\$457,871,485	\$449,051,713	(\$8,819,772)	-1.93%

(1) Requires Board approval to spend

(2) Includes proposed adjustments to be considered by the Board in May 2018

**ORANGE COUNTY FIRE AUTHORITY
FY 2018/19 General Fund
Draft Budget Highlights
May 9, 2018**

NOTE: This comparison is the Adjusted FY 2017/18 budget to the proposed FY 2018/19 budget. Significant one-time increases/adjustments have been removed for comparison purposes.

Revenue
\$25.6 million or a 6.93% increase

- | | |
|---|-------------------------|
| Property Taxes | \$15.3M increase |
| <ul style="list-style-type: none">▪ Based on 6.11% current secured growth per final RSG study of April 2, 2018, applied to the current year tax ledger, excluding public utility taxes▪ The refund factor is estimated at 1% based on historical trends | |
| State Reimbursements | \$1.2M increase |
| <ul style="list-style-type: none">▪ Proposed FY 2018/19 budget includes increases from the CAL FIRE contract that occurred in the current FY | |
| Federal Reimbursements | \$890K increase |
| <ul style="list-style-type: none">▪ Proposed budget includes the FY 2018/19 annual portion of the SAFER grant. | |
| Community Redevelopment Agency (CRA) Pass-Thru | \$2.5M increase |
| <ul style="list-style-type: none">▪ Based on projections from the preliminary RSG study of April 2, 2018. Increases in revenues result from growth in gross tax increment between the base year of the former redevelopment project areas and the current assessed value. | |
| Cash Contract Charges | \$4.8M increase |
| <ul style="list-style-type: none">▪ Based on estimated 4.5% increase to cash contract cities service charge, plus the annual catch-up payments, for an average increase of 5.0% | |
| Community Risk Reduction Fees | \$780K increase |
| <ul style="list-style-type: none">▪ Based on current FY projections and input from CRR staff. A projected decrease in Inspection Services revenues is offset by an increase in Planning and Development revenues. | |
| Miscellaneous Revenue | \$312K decrease |
| <ul style="list-style-type: none">▪ Decreases stem primarily from the end of bankruptcy loss recovery revenue; the County of Orange disbursed the final bankruptcy loss recovery payment due in the current fiscal year. | |

Expenditures

\$15.1 million or a 4.33% increase overall

Salaries

\$8.5M increase

- Includes 4 post positions for additional staffing for FS20 for the entire fiscal year; 2 Firefighters, 1 Fire Captain, and 1 Fire Apparatus Engineer
- Includes 9 newly funded positions starting FY 2018/19; Accountant, Fire Delivery Driver, Fire Equipment Technician, three Battalion Chiefs for a new battalion in the City of Irvine, and three Firefighters for service enhancements to Midway City.
- Fire Management and Firefighter units MOU increases included; no increases for OCEA, Administrative Management (OCFAMA), or Executive Management
- FY 2018/19 proposed budget includes a \$4.2 million deduction for average salary savings in the firefighter ranks due to vacancies pending new hires and promotions.

Retirement

\$3.5M increase

- All UAAL paydown amounts removed for comparison purposes
- FY 2018/19 rates are OCERS' final adopted rates. Budgeted rates decreased in the safety categories as compared to last year. The safety decrease is due to safety employees paying a greater share of retirement contributions based on the approved MOUs. Changes in the General categories vary between plan, with legacy plans remaining the same, or decreasing slightly. The General 2%@55 plan increased slightly.
- Retirement rates based on the Public Employees' Pension Reform Act (PEPRA) are used for vacant positions. PEPRA rates decreased slightly for FY 2018/19

Benefits

\$2.3M increase

- Workers' Comp is budgeted based on the 50% confidence level provided by the actuarial study completed in February, 2018
- Firefighter group medical insurance based on blended rate of \$1,955 per month
- Management dental insurance reflects an increase of 2.16%; vision 5%

Services and Supplies/Capital outlay (Equipment)/Debt Service **\$800K Increase**

- One-time, non-base building increases were removed from both fiscal years for comparison purposes. Approximately \$800,000 in requested ongoing increases were approved for FY 2018/19. Details appear on the Summary pages of each Department's Services & Supplies section. Approximately \$2.6 million in total increases in Services and Supplies and Capital Outlay were added including the one-time non-base building requests.

**ORANGE COUNTY FIRE AUTHORITY
FY 2018/19 Pending Issues/Items of Note
May 9, 2018**

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 \$1M and allocated that funding to UAAL paydown.

CAL FIRE Contract

- Gray Book rates have not been received for FY 2018/19. We are using FY 2017/18 rates pending the update.

Cash Contract City Charges

- Current estimate is a 4.5% increase, pending final budget figures. Increases beyond 4.5% will be banked for future years when the increase is under the cap.

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 19, 2018 to review the Proposed FY 2018/19 Budget, including the CIP Budget. They made the following formal recommendations and suggestions:

Formal Recommendation

1. The City Managers' B&FC endorses and recommends that the OCFA Budget & Finance Committee and Board of Directors adopt the FY 2018/19 Budget, as submitted.

ORANGE COUNTY FIRE AUTHORITY COMBINED PROPOSED BUDGET SUMMARY FY 2018/19

	121 General Fund	12110 ⁽¹⁾ General Fund CIP	123 Fire Stations & Facilities
FUNDING SOURCES			
Property Taxes	\$260,069,047		
Intergovernmental	20,286,643		
Charges for Current Services	111,933,207		
Use of Money & Property	1,036,063		531,056
Other	1,021,382		361,800
Total Revenue & Other Financing Sources	394,346,342	-	892,856
Operating Transfer In ⁽²⁾	-	3,053,761	-
Beginning Fund Balance	54,705,371	1,067,939	15,300,150
TOTAL AVAILABLE RESOURCES	\$449,051,713	\$4,121,700	\$16,193,006
EXPENDITURES			
Salaries & Employee Benefits	\$336,309,298		
Services & Supplies	29,316,916		
Capital Outlay	159,000	4,121,700	14,120,000
Debt Service	-		
Subtotal Expenditures	365,785,214	4,121,700	14,120,000
One-time/Grant/ABH	1,752,246		
UAAL Paydown	9,167,397		
Total Expenditures & Other Uses	376,704,857	4,121,700	14,120,000
Appropriation for Contingencies	3,000,000	-	-
Operating Transfer Out ⁽²⁾	5,203,761	-	-
Ending Fund Balance	64,143,095	-	2,073,006
TOTAL FUND COMMITMENTS & FUND BALANCE	\$449,051,713	\$4,121,700	\$16,193,006

(1) Project related budgets segregated for operational budget clarity purposes.

(2) Operating transfers will be reconciled per the net General Fund surplus calculation at the Mid-year Budget adjustment, consistent with the updated Financial Stability Budget Policy.

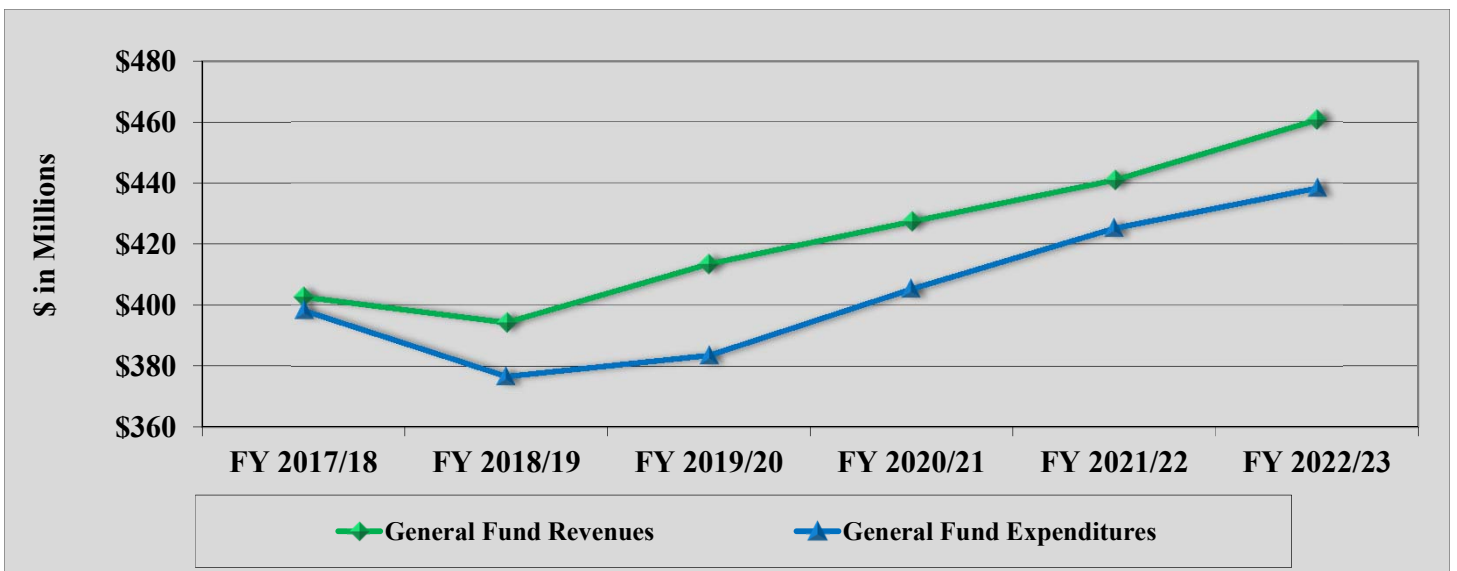
Proposed Budget Overview

124 Communications & Information Systems	133 Fire Apparatus	171 SFF Entitlement	190 Self- Insurance	Total
				\$260,069,047
				20,286,643
	1,446,217		17,366,238	130,745,662
136,770	856,452	15,425	1,781,815	4,357,581
				1,383,182
136,770	2,302,669	15,425	19,148,053	416,842,115
150,000	2,000,000	-	-	5,203,761
7,450,615	3,861,947	1,013,360	77,290,745	160,690,127
\$7,737,385	\$8,164,616	\$1,028,785	\$96,438,798	\$582,736,003
				\$336,309,298
		525,336	14,760,398	44,602,650
7,734,148	6,880,089			33,014,937
	1,265,862			1,265,862
7,734,148	8,145,951	525,336	14,760,398	415,192,747
				9,167,397
7,734,148	8,145,951	525,336	14,760,398	424,360,144
-	-	-	-	3,000,000
-	-	-	-	5,203,761
3,237	18,665	503,449	81,678,400	150,172,098
\$7,737,385	\$8,164,616	\$1,028,785	\$96,438,798	\$582,736,003

FY 2018/19 Proposed Budget

Five-Year Forecast Proposed FY 2018/19 Budget Orange County Fire Authority Five-Year Financial Forecast

	Adjusted FY 2017/18	Year 1 FY 2018/19	Year 2 FY 2019/20	Year 3 FY 2020/21	Year 4 FY 2021/22	Year 5 FY 2022/23
Beginning Fund Balance	193,642,194	168,335,126	154,520,639	147,963,841	153,380,653	159,523,173
General Fund Revenues	402,740,335	394,346,342	413,483,816	427,401,142	440,987,952	460,674,315
General Fund Expenditures	379,265,096	367,537,460	373,909,347	393,012,085	410,892,063	420,546,904
Paydown of UAAL	19,060,936	9,167,397	9,648,658	12,368,859	14,279,280	17,787,217
Total General Fund Expenditures	398,326,032	376,704,857	383,558,004	405,380,944	425,171,343	438,334,121
Net General Fund Revenue	4,414,303	17,641,486	29,925,812	22,020,198	15,816,609	22,340,194
Less Incremental Increase in 10% GF Op. Cont.	3,049,187	5,469,229	637,189	1,910,274	1,787,998	965,484
General Fund Surplus / (Deficit)	1,365,116	12,172,257	29,288,623	20,109,924	14,028,611	21,374,709
Operating Transfer to CIP Funds	870,041	6,086,129	17,958,588	16,480,300	11,780,648	10,687,355
Paydown of UAAL from General Fund Surplus	870,041	6,086,129	11,330,035	3,629,624	2,247,963	10,687,355
CIP/Other Revenues	22,595,883	29,598,482	41,248,908	39,260,383	36,223,330	35,127,171
CIP/Other Expenses	37,777,622	48,882,197	48,442,895	35,753,845	31,868,808	24,156,766
CIP Surplus / (Deficit)	(15,181,739)	(19,283,715)	(7,193,987)	3,506,538	4,354,522	10,970,406
Ending Fund Balance	168,335,126	154,520,639	147,963,841	153,380,653	159,523,173	171,459,063



	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23
General Fund Revenues	\$ 402.74	\$ 394.35	\$ 413.48	\$ 427.40	\$ 440.99	\$ 460.67
General Fund Expenditures	\$ 398.33	\$ 376.70	\$ 383.56	\$ 405.38	\$ 425.17	\$ 438.33

Proposed Budget Overview

Five-Year Forecast Proposed FY 2018/19 Budget

	ADJUSTED FY 2017/18 [b]	PROJECTED FY 2018/19	PROJECTED FY 2019/20	PROJECTED FY 2020/21	PROJECTED FY 2021/22	PROJECTED FY 2022/23
A. BEGINNING FUND BALANCE [c]	193,642,194	168,335,126	154,520,639	147,963,841	153,380,653	159,523,173
GENERAL FUND REVENUES						
Property Taxes	244,761,645	260,069,047	273,491,217	282,399,389	291,535,872	301,288,794
State Reimbursements	5,764,627	6,974,627	6,974,627	6,974,627	6,974,627	6,974,627
Federal Reimbursements	100,000	100,000	100,000	100,000	100,000	100,000
One-Time Grant/ABH/RDA	17,416,844	888,606	414,683	-	-	-
Community Redevelopment Agency Pass-thru	9,842,993	12,323,410	13,168,306	13,828,213	14,341,206	20,754,426
Cash Contracts	96,160,664	100,972,696	106,076,333	110,812,053	114,708,432	118,198,161
Community Risk Reduction Fees	6,145,787	6,925,735	6,925,735	6,925,735	6,925,735	6,925,735
ALS Supplies & Transport Reimbursement	3,929,330	3,929,330	3,929,330	3,929,330	3,929,330	3,929,330
Interest Earnings	562,353	1,036,063	1,276,758	1,304,968	1,345,922	1,376,414
Other Revenue	4,881,576	1,126,828	1,126,828	1,126,828	1,126,828	1,126,828
Unencumbered Fund Balance for Paydown of UAAL	13,174,516	-	-	-	-	-
TOTAL REVENUES	402,740,335	394,346,342	413,483,816	427,401,142	440,987,952	460,674,315
GENERAL FUND EXPENDITURES						
New Positions for New Stations	-	-	-	5,745,769	13,225,601	14,313,888
Employee Salaries	201,829,971	210,299,094	213,785,220	218,632,256	223,602,200	228,012,855
Retirement - Regular Annual Payments	72,266,355	75,782,826	77,715,580	82,098,740	84,491,548	85,295,000
Retirement - Paydown of UAAL (Rate Savings)	1,886,420	3,167,397	1,648,658	2,368,859	3,279,280	4,787,217
Retirement - Paydown of UAAL (Unencumb. Funds)	13,174,516	-	-	-	-	-
Retirement - Paydown of UAAL (\$1M per Year from WC)	1,000,000	1,000,000	1,000,000	1,000,000	-	-
Retirement - Paydown of UAAL (\$1M per Year, Increasing)	3,000,000	5,000,000	7,000,000	9,000,000	11,000,000	13,000,000
Workers' Comp Transfer out to Self-Ins. Fund	16,927,039	17,366,238	17,830,032	18,293,826	19,794,723	20,388,565
Other Insurance	28,159,824	29,856,185	31,602,366	33,461,194	35,440,834	37,550,114
Medicare	2,772,659	3,004,955	3,054,484	3,114,713	3,176,132	3,238,765
One-Time Grant/ABH Expenditures	14,877,843	-	-	-	-	-
Salaries & Employee Benefits	355,894,627	345,476,695	353,636,339	373,715,356	394,010,319	406,586,404
Services & Supplies/Equipment	41,177,245	31,228,162	29,921,665	31,375,428	30,477,903	31,000,128
New Station/Enhancements S&S Impacts	-	-	-	290,160	683,120	747,590
One-Time Grant Expenditures	1,254,160	-	-	-	-	-
TOTAL EXPENDITURES	398,326,032	376,704,857	383,558,004	405,380,944	425,171,343	438,334,121
NET GENERAL FUND REVENUE	4,414,303	17,641,486	29,925,812	22,020,198	15,816,609	22,340,194
B. Incremental Increase in GF 10% Contingency	3,049,187	5,469,229	637,189	1,910,274	1,787,998	965,484
GENERAL FUND SURPLUS / (DEFICIT)	1,365,116	12,172,257	29,288,623	20,109,924	14,028,611	21,374,709
C. Operating Transfers (from) Operating Contingency						
Transfers to CIP Funds from General Fund Surplus	870,041	6,086,129	17,958,588	16,480,300	11,780,648	10,687,355
One-Time Paydown of UAAL from General Fund Surplus	870,041	6,086,129	11,330,035	3,629,624	2,247,963	10,687,355
Capital Improvement Program/Other Fund Revenues						
Interest Earnings	1,819,602	3,321,518	2,195,997	2,154,699	2,246,455	2,423,517
State/Federal Reimbursement	-	-	-	-	-	-
Cash Contracts	1,310,005	1,446,220	1,489,608	1,534,297	1,580,326	1,627,735
Developer Contributions	1,103,400	1,016,577	1,774,683	797,261	821,178	-
Workers' Comp Transfer in from GF	16,927,039	17,366,238	17,830,032	18,293,826	19,794,723	20,388,565
Miscellaneous	565,796	361,800	-	-	-	-
Operating Transfers from General Fund Surplus	870,041	6,086,129	17,958,588	16,480,300	11,780,648	10,687,355
Total CIP, W/C, Other Revenues	22,595,883	29,598,482	41,248,908	39,260,383	36,223,330	35,127,171
Capital Improvement Program/Other Fund Expenses						
Fund 12110 - General Fund CIP	3,111,074	4,121,700	2,903,700	5,020,700	3,340,100	1,302,900
Fund 123 - Fire Stations and Facilities	2,514,115	14,120,000	19,350,000	9,175,000	7,000,000	-
Fund 124 - Communications & Information Systems	4,334,891	7,734,148	3,046,511	540,000	-	-
Fund 133 - Fire Apparatus	11,290,499	8,145,951	7,805,871	4,913,273	4,714,815	5,299,737
Sub-Total CIP Expenses	21,250,579	34,121,799	33,106,082	19,648,973	15,054,915	6,602,637
Fund 171 - SFF Entitlement	549,651	-	-	-	-	-
Fund 190 - WC Self-Ins. (Cashflow Payments per Actuary)	15,977,392	14,760,398	15,336,813	16,104,872	16,813,893	17,554,129
Total CIP, W/C, Other Expenses	37,777,622	48,882,197	48,442,895	35,753,845	31,868,808	24,156,766
D. CIP SURPLUS/(DEFICIT)	(15,181,739)	(19,283,715)	(7,193,987)	3,506,538	4,354,522	10,970,406
ENDING FUND BALANCE (A+B+C+D) [a]	168,335,126	154,520,639	147,963,841	153,380,653	159,523,173	171,459,063
Fund Balances						
Operating Contingency (10% of Expenditures)	36,313,309	36,753,746	37,390,935	39,301,209	41,089,206	42,054,690
Reserve Exceeding Required Contingency	14,464,413	19,493,205	19,493,205	19,493,205	19,493,205	19,493,205
Reserve for Cash Contract City Station Maintenance	405,000	405,000	405,000	405,000	405,000	405,000
Donations & Restricted Funds	3,897,614	3,897,614	3,897,614	3,897,614	3,897,614	3,897,614
Committed - SFF Cities Enhancement	1,013,360	1,013,360	1,013,360	1,013,360	1,013,360	1,013,360
Capital Improvement Program	34,950,685	11,030,043	-	-	-	6,654,006
Fund 190 - WC Self-Insurance	77,290,745	81,927,671	85,763,727	89,270,265	93,624,787	97,941,188
Total Fund Balances	168,335,126	154,520,639	147,963,841	153,380,653	159,523,173	171,459,063

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

[b] Includes proposed budget adjustments to be reviewed by the Board in May.

[c] Beginning Fund Balance in FY 2017/18 adjusted by \$375K to accommodate Mid-Year transfer to CIP funds from General Fund Surplus.

Forecast Assumptions – FY 2018/19 Budget

Basic Assumptions:

The Adopted FY 2017/18 budget, and the Five-Year Capital Improvement Plan approved by the Board of Directors on May 25, 2017 form the basis for this financial forecast with the following adjustments:

- Updated total beginning fund balance from the FY 2016/17 audited financial statements
- All approved budget adjustments that have occurred since the adoption of the budget
- Proposed FY 2017/18 mid-year adjustments
- Revised 5-Year CIP Plan based on input from CIP managers.

General Fund Revenues:

- ***Secured Property Taxes*** – Rosenow Spevacek Group’s Final 2018 Report provides the growth factors assumed for the forecast. The following are projections of current secured property tax growth:

FY 2018/19	6.11%
FY 2019/20	5.50%
FY 2020/21	3.46%
FY 2021/22	3.43%
FY 2022/23	3.54%

- ***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 2018/19 and FY 2019/20. Board actions to date and proposed mid-year adjustments have increased the FY 2017/18 adopted budget by \$15.7M for one-time increases in grants and assistance by hire.
- ***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 4/2/2018. 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 1.25% for FY 2017/18, 2.00% for FY 2018/19, and 2.25% for FY 2019/20 through FY 2022/23.
- **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 four post positions for a Station 20 Truck will be unfrozen 6/1/2018 (the remaining prorated cost not included in the FY 2017/18 budget is added in FY 2018/19). Vehicles will be in service beginning 7/1/2020 for Station 67, 7/1/2020 for Station 52, and 7/1/2021 for Station 12.
 - ✓ **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 2018/19. The projected employer rates in the outer years of the forecast are based on a study prepared by Segal Consulting and provided by OCERS on 12/18/2017. FY 2018/19 rates are approximately 1.17% higher for safety and 0.82% higher for non-safety compared to FY 2017/18 rates.

FY	Safety	General	Source
2017/18	50.78%	33.80%	Effective rates for FY 2017/18 provided by OCERS without 3-Year Phase-In
2018/19	51.95%	34.62%	Per Segal Study dated 12/18/2017. Effective rates after removing impact of additional OCFA UAAL contributions, assuming 7.00% rate or return for all years.
2019/20	53.55%	35.72%	
2020/21	55.45%	37.22%	
2021/22	55.95%	37.62%	
2022/23	55.35%	37.42%	

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

FY 2017/18 includes a mid-year adjustment of \$13.2M for accelerated paydown of OCFA's Unfunded Actuarial Accrued Liability (UAAL) from unencumbered fund balance carried over from FY 2016/17.

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 \$3.2M in FY 2018/19 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 starting in FY 2016/17 for 5 years.
- ✓ **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 February 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 2018/19.
- ✓ **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 2017/18.
 - **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).

General Fund Surplus/(Deficit):

This figure is equal to the Net General Fund Revenue less the incremental increase in the General Fund 10% Contingency. 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 3/23/2017. 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 is being proposed for Board approval 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 1.25% for FY 2017/18, 2.00% for FY 2018/19, and 2.25% for FY 2019/20 through FY 2022/23.
- ***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 Rancho Mission Viejo Station 67 in FY 2018/19 and FY 2019/20, Station 52 in FY 2020/21, and Station 12 in FY 2021/22.
- ***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.
- ***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.

- ***Structural Fire Fund Entitlement (Fund 171)*** – The forecast period assumes no Structural Fire Fund Entitlement expenditures past the next fiscal year.
- ***Self-Insurance Fund (Fund 190)*** – Self-Insurance fund expenditures are based on projected payments in the Rivelle Consulting Services Feb 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

- ***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 2018**

Salaries

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. Top-step assumed for Sr. Human Resources Analyst and Risk Management Analyst positions.
- The following 4 frozen positions are not funded in the proposed FY 2018/19 budget:
 - ✓ 1 Management Analyst (Support Services; Property Management)
 - ✓ 3 Administrative Fire Captains (Organizational Planning; Training & Safety and Operations; Divisions I and IV)

New Station Staffing

- New station FS20 (Irvine) is anticipated to be operational 6/1/2018. Funding for the full year of staffing is included in the proposed FY 2018/19 budget. Staffing is budgeted at twelve full-time employees (4 post positions) for a 4 person Truck Company which consists of: two Firefighters, a Fire Captain, and a Fire Apparatus Engineer.

Merit Increases for Eligible Employees

- Firefighter Unit and OCEA: 2 ½ steps or 6.875% up to step 12
- Fire Management: 5.5% in Sept. 2018, not to exceed top step
- Administrative Management and Executive Management: 5.5% in August 2018, not to exceed top step

MOU Changes

- Orange County Employees Association (OCEA)
 - ✓ No cost-of-living adjustments included for FY 2018/19, pending negotiations
 - ✓ 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 3.3% effective 7/1/2018, per approved MOU

FY 2018/19 Proposed Budget

- Firefighter Unit
 - ✓ Rates include cost-of-living adjustment of 3.2% effective 9/1/2018, per approved MOU
 - ✓ 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
- Administrative Management
 - ✓ No cost-of-living adjustments included for FY 2018/19
 - ✓ 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
 - ✓ No cost-of-living adjustments included for FY 2018/19

Backfill/Holiday/FLSA Adjustment

- Backfill is estimated at \$36,950,788 for FY 2018/19
- 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 2018/19 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, and 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, and Dispatch Trainer Pay.

Vacation/Sick Payoff

- Vacation/Sick Payoff is estimated at \$4,018,754 for FY 2018/19
- Based on projected trends
- Allocated to divisions/sections based on historical usage ratios

Salary Savings

- Salary savings is estimated at \$3,058,152 for FY 2018/19 based on historical trends; the gross savings is approximately \$4,196,220 including retirement and Medicare benefits

Benefits

Group Medical

- Firefighter Unit – based on FF Health Plan Agreement rates of \$1,900 per month effective 1/1/2018 and \$1,995 per month effective 1/1/2019
- OCEA – based on OCEA MOU rate of \$943 per month effective 1/1/2018.

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 2.16% beginning 1/1/2019.
- Vision rates are estimated to increase by 5.00% beginning 1/1/2019.

Retirement**FY 2018/19 Rate**

General (OCEA)	34.08%
FF Unit	52.05%
Management (safety)	51.56%
Management (non-safety)	34.08%
Supported Employment	40.67%

- The above retirement rates represent “employer share” 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 their full share of employee retirement contributions, as calculated by OCERS
- 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 \$1,479,430

Workers' Compensation

- FY 2018/19 amount of \$17,366,228 represents the projected expenditures at the 50% confidence level based on the actuarial report dated 2/12/2018. 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

FY 2018/19 Proposed Budget

Unemployment Insurance

- Budgeted at \$60,000 for FY 2018/19 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 2018/19

DESCRIPTION	FY 2017/18 Adjusted Budget (1)	Less One-time/ Grants/ ABH	FY 2017/18 Comparative Budget	FY 2018/19 Proposed Budget	\$ Change from FY 2017/18 Comparative	% Change from FY 2017/18 Comparative
PROPERTY TAXES (2)	\$244,761,645	-	\$244,761,645	\$260,069,047	\$15,307,402	6.25%
INTERGOVERNMENTAL	33,124,465	(17,394,804)	15,729,661	20,286,643	4,556,982	28.97%
CHARGES FOR CURRENT SVCS	106,390,732	-	106,390,732	111,933,207	5,542,475	5.21%
USE OF MONEY AND PROPERTY (3)	562,353	-	562,353	1,036,063	473,710	84.24%
OTHER	4,726,625	(3,392,874)	1,333,751	1,021,382	(312,369)	-23.42%
TOTAL REVENUE	\$389,565,820	(\$20,787,678)	\$368,778,142	\$394,346,342	\$25,568,200	6.93%

Notes:

(1) The FY 2017/18 Adjusted Budget includes all Board approved adjustments to date and \$2.2M in additional adjustments anticipated to be approved by the board in May 2018.

(2) Property Tax is based on RSG final study dated April 2, 2018.

(3) Projected interest earnings are based on an annual return of 2.00% in FY 2018/19. There will not be a TRAN for FY 2018/19.

FY 2018/19 Proposed Budget

ORANGE COUNTY FIRE AUTHORITY

FUND 121 - GENERAL FUND

REVENUE DETAIL

FY 2018/19

DESCRIPTION	FY 2017/18 Adjusted Budget (1)	Less One-time/ Grants/ ABH	FY 2017/18 Comparative Budget	FY 2018/19 Proposed Budget	\$ Change from FY 2017/18 Comparative	% Change from FY 2017/18 Comparative
TAXES						
Property Taxes, Current Secured	\$230,072,518	-	\$230,072,518	\$246,268,358	\$16,195,840	7.04%
Property Taxes, Current Unsecured	7,066,933	-	7,066,933	7,170,233	103,300	1.46%
Property Taxes, Prior Unsecured	139,520	-	139,520	92,818	(46,702)	-33.47%
Property Taxes, Supplemental	5,921,984	-	5,921,984	4,973,645	(948,339)	-16.01%
Delinquent Supplemental	205,117	-	205,117	183,059	(22,058)	-10.75%
Homeowner Property Tax	1,355,573	-	1,355,573	1,380,934	25,361	1.87%
TOTAL PROPERTY TAXES (2)	244,761,645	-	244,761,645	260,069,047	15,307,402	6.25%
INTERGOVERNMENTAL						
State						
SRA-Wild lands (CAL FIRE Contract)	6,764,627	(1,187,959)	5,576,668	6,764,627	1,187,959	21.30%
Assistance by Hire (State)	13,394,469	(13,194,469)	200,000	200,000	-	0.00%
Mandated Reimb. SB90	31,657	(31,657)	-	-	-	0.00%
Helicopters' Billing - CAL FIRE	384,962	(374,962)	10,000	10,000	-	0.00%
Miscellaneous State Revenue	200,709	(200,709)	-	-	-	0.00%
SUB-TOTAL	20,776,424	(14,989,756)	5,786,668	6,974,627	1,187,959	20.53%
Federal						
USAR Reimbursements	1,710,652	(1,710,652)	-	-	-	0.00%
Assistance by Hire (Federal)	631,585	(531,585)	100,000	100,000	-	0.00%
Misc Federal Revenue	162,811	(162,811)	-	888,606	888,606	0.00%
SUB-TOTAL	2,505,048	(2,405,048)	100,000	988,606	888,606	888.61%
CRA Pass-Through						
Cypress-CRA Pass thru	699,143	-	699,143	1,048,428	349,285	49.96%
Irvine - CRA Pass thru	1,410,029	-	1,410,029	2,024,721	614,692	43.59%
La Palma - CRA Pass thru	353,364	-	353,364	345,357	(8,007)	-2.27%
Lake Forest - CRA Pass thru	559,804	-	559,804	668,593	108,789	19.43%
Mission Viejo Pass thru	960,883	-	960,883	1,257,550	296,667	30.87%
San Juan Caps - CRA Pass thru	966,300	-	966,300	1,333,949	367,649	38.05%
County of Orange Pass-Through	2,734,958	-	2,734,958	2,853,845	118,887	4.35%
Yorba Linda - CRA Pass thru	2,158,512	-	2,158,512	2,790,967	632,455	29.30%
SUB-TOTAL	9,842,993	-	9,842,993	12,323,410	2,480,417	25.20%
TOTAL INTERGOVERNMENTAL	33,124,465	(17,394,804)	15,729,661	20,286,643	4,556,982	28.97%

ORANGE COUNTY FIRE AUTHORITY
FUND 121 - GENERAL FUND
REVENUE DETAIL
FY 2018/19

DESCRIPTION	FY 2017/18 Adjusted Budget (1)	Less One-time/ Grants/ ABH	FY 2017/18 Comparative Budget	FY 2018/19 Proposed Budget	\$ Change from FY 2017/18 Comparative	% Change from FY 2017/18 Comparative
CHARGES FOR CURRENT SERVICES						
Cash Contracts						
San Clemente-Ambulance S&EB	80,074	-	80,074	-	(80,074)	-100.00%
San Clemente-Ambulance S&S	2,461	-	2,461	-	(2,461)	-100.00%
Facility Maintenance Charges	252,302	-	252,302	250,000	(2,302)	-0.91%
Tustin	7,365,755	-	7,365,755	7,790,345	424,590	5.76%
Placentia	5,914,287	-	5,914,287	6,258,959	344,672	5.83%
Seal Beach	5,078,574	-	5,078,574	5,371,942	293,368	5.78%
Stanton	4,144,696	-	4,144,696	4,391,778	247,082	5.96%
Santa Ana	38,845,152	-	38,845,152	40,593,184	1,748,032	4.50%
JWA Contract	4,810,552	-	4,810,552	5,002,974	192,422	4.00%
Buena Park	10,459,455	-	10,459,455	11,048,962	589,507	5.64%
San Clemente	8,134,792	-	8,134,792	8,570,835	436,043	5.36%
Westminster	11,072,564	-	11,072,564	11,693,717	621,153	5.61%
SUB-TOTAL	96,160,664	-	96,160,664	100,972,696	4,812,032	5.00%
Community Risk Reduction Fees						
AR Late Payment Penalty	8,400	-	8,400	19,000	10,600	126.19%
Inspection Services Revenue	1,870,143	-	1,870,143	1,742,323	(127,820)	-6.83%
P&D Fees	4,117,244	-	4,117,244	5,004,412	887,168	21.55%
False Alarm	150,000	-	150,000	160,000	10,000	6.67%
SUB-TOTAL	6,145,787	-	6,145,787	6,925,735	779,948	12.69%
Other Charges for Services						
Hazmat Response Subscription Prog	4,951	-	4,951	5,446	495	10.00%
Charge for C&E Services	150,000	-	150,000	100,000	(50,000)	-33.33%
SUB-TOTAL	154,951	-	154,951	105,446	(49,505)	-31.95%
Ambulance Reimbursements						
Ambulance Supplies Reimbursement	1,030,920	-	1,030,920	1,030,920	-	0.00%
ALS Transport Reimbursement	2,898,410	-	2,898,410	2,898,410	-	0.00%
SUB-TOTAL	3,929,330	-	3,929,330	3,929,330	-	0.00%
TOTAL CHGS FOR CURRENT SVCS	106,390,732	-	106,390,732	111,933,207	5,542,475	5.21%

FY 2018/19 Proposed Budget

ORANGE COUNTY FIRE AUTHORITY

FUND 121 - GENERAL FUND

REVENUE DETAIL

FY 2018/19

DESCRIPTION	FY 2017/18 Adjusted Budget (1)	Less One-time/ Grants/ ABH	FY 2017/18 Comparative Budget	FY 2018/19 Proposed Budget	\$ Change from FY 2017/18 Comparative	% Change from FY 2017/18 Comparative
USE OF MONEY AND PROPERTY						
Interest (3)						
Interest	562,353	-	562,353	1,036,063	473,710	84.24%
TOTAL USE OF MONEY/PROPERTY	562,353	-	562,353	1,036,063	473,710	84.24%
REVENUE - OTHER						
Miscellaneous Revenue						
Other Revenue	14,000	-	14,000	14,000	-	0.00%
Miscellaneous Revenue	2,485,829	(2,275,829)	210,000	146,000	(64,000)	-30.48%
Restitution	1,000	-	1,000	1,000	-	0.00%
RFOTC Cell Tower Lease Agreement	44,765	-	44,765	44,765	-	0.00%
Fullerton Airport Hangar Lease	203,669	-	203,669	201,117	(2,552)	-1.25%
Witness Fees	4,500	-	4,500	4,500	-	0.00%
Joint Apprenticeship Comm (CFFJAC)	300,000	(200,000)	100,000	100,000	-	0.00%
Santa Ana College Agreement	490,000	-	490,000	450,000	(40,000)	-8.16%
Bankruptcy Loss Recovery	180,942	-	180,942	-	(180,942)	-100.00%
Insurance Settlements	34,875	-	34,875	-	(34,875)	-100.00%
Sales of Surplus	967,045	(917,045)	50,000	60,000	10,000	20.00%
TOTAL OTHER REVENUE	4,726,625	(3,392,874)	1,333,751	1,021,382	(312,369)	-23.42%
TOTAL	\$389,565,820	(\$20,787,678)	\$368,778,142	\$394,346,342	\$25,568,200	6.93%

Notes:

- (1) The FY 2017/18 Adjusted Budget includes all Board approved adjustments to date and \$2.2M in additional adjustments anticipated to be approved by the board in May 2018.
- (2) Property Tax is based on RSG final study dated April 2, 2018.
- (3) Projected interest earnings are based on an annual return of 2.00% in FY 2018/19. There will not be a TRAN for FY 2018/19.

**ORANGE COUNTY FIRE AUTHORITY
FY 2018/19 Revenue Assumptions
May 2018**

Property Taxes

Current Secured

- Based on projected growth in current secured property tax of 6.11% for FY 2018/19 per RSG's final study dated April 2, 2018, applied to the FY 2017/18 tax ledger and estimated 1.00% refund factor
- Public utility taxes are based on the FY 2017/18 tax ledger

Current Unsecured

- Based on 0% growth factor as provided by RSG
- Based on FY 2017/18 tax ledger and estimated 8.94% refund factor

Supplemental

- Based on the FY 2017/18 projection. This category of revenue is inconsistent from year to year

Homeowner Property Tax Relief

- Based on FY 2016/17 receipts and a reduction of 1.14% for FY 2018/19, which reflects historical trends

Intergovernmental

State Responsibility Area (SRA) – Wildlands CAL FIRE Contract

- Based on the FY 2017/18 contract amount per the Gray Book (CAL FIRE's notice of allocation to the contract counties)

Assistance by Hire – State

- Estimate based on FY 2017/18 projection

Assistance by Hire – Federal

- Estimate based on FY 2017/18 projection

Community Redevelopment Agency (CRA) Pass-thru

- The proposed budget is based on projections from RSG final report dated April 2, 2018

Charges for Current Services

Cash Contract Cities

- Based on estimated budget increases of 4.5% in FY 2018/19
- Based on the 20-year JPA agreement which includes the shortfall amortization
- San Clemente's ambulance service costs reflect the discontinuation of the full-time emergency transportation service which was eliminated in FY 2017/18.

John Wayne Airport Contract

- Based on the FY 2018/19 estimated charge

Community Risk Reduction Fees

- Planning and Development fees are based on the FY 2017/18 projection using the new fee study and input from the CRR staff
- Inspection Services revenue is based on the FY 2017/18 projection using the new fee study and input from the CRR staff

Advance Life Support (ALS) Transport and Supplies Reimbursements

- Based on FY 2017/18 projection

Use of Money and Property

Interest

- Projected interest earnings are based on an annual return of 2.00% in FY 2018/19
- No Tax and Revenue Anticipation Note (TRAN) will be issued for FY 2018/19. 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 2017/18 projection, FY 2018/19 projections, and various lease agreements as applicable

ORANGE COUNTY FIRE AUTHORITY
BUSINESS SERVICES DEPARTMENT S&S SUMMARY
FY 2018/19 BUDGET

Divisions/Sections	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
JPA Board of Directors			
JPA Board of Directors [1]	\$76,915	\$72,915	(\$4,000)
Total JPA Board of Directors	76,915	72,915	(4,000)
Clerk of the Authority			
Clerk [1]	17,089	11,089	(6,000)
Total Clerk of the Authority	17,089	11,089	(6,000)
Finance Division			
Financial Services [2]	140,700	356,700	216,000
Financial Services Controlled [1]	2,862,482	2,767,824	(94,658)
Total Finance Division	3,003,182	3,124,524	121,342
Materiel Management			
Materiel Management	2,533,283	2,533,283	-
Total Materiel Management	2,533,283	2,533,283	-
Purchasing			
Purchasing [3]	38,168	42,310	4,142
Total Purchasing	38,168	42,310	4,142
Treasury and Financial Planning			
Treasury & Financial Planning [3]	216,454	212,312	(4,142)
Total Treasury and Financial Planning	216,454	212,312	(4,142)
Department Total	\$5,885,091	\$5,996,433	\$111,342

[1] Savings transferred to S&EB to provide funding to unfreeze an Accountant position in Finance. Note that the frozen position is a Senior Accountant, which will be reclassified to an Accountant.

[2] Permanent transfer of \$260K from Information Technology section for staffing system consulting services.

[3] Permanent transfer from Treasury and Financial Planning section to fund increases in Purchasing section.

BUSINESS SERVICES DEPARTMENT
JPA BOARD OF DIRECTORS
ORG 9951

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1101 - Food			
Food for Board Meetings	18,965	14,965	(4,000)
Food for Special Meetings	750	750	-
Subtotal	19,715	15,715	(4,000)
Account 1801'1810 - Office Expense			
Name Plates/Badges	1,000	1,000	-
Subtotal	1,000	1,000	-
Account 2401'2409 - Special Department Expense			
Commemorations	3,000	3,000	-
Employee Recognition	3,000	3,000	-
Subtotal	6,000	6,000	-
Account 2701'2703 - Travel, Training and Meetings			
Board of Directors Reimbursement	40,000	40,000	-
Executive Committee Reimbursement	1,800	1,800	-
Standing Committees Reimbursement	8,400	8,400	-
Subtotal	50,200	50,200	-
Total S&S: JPA Board of Directors	76,915	72,915	(4,000)

BUSINESS SERVICES DEPARTMENT
CLERK OF THE AUTHORITY
ORG 3311

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1601 - Memberships			
Professional Memberships	1,200	1,400	200
Subtotal	1,200	1,400	200
Account 1801`1810 - Office Expense			
Minor Office Equipment	4,439	4,239	(200)
Subtotal	4,439	4,239	(200)
Account 1901`1908 - Prof. and Specialized Services			
Imaging of Documents	4,000	-	(4,000)
Subtotal	4,000	-	(4,000)
Account 2001 - Publications and Legal Notices			
Legal Publications (Public Hearings/Notices)	4,000	2,000	(2,000)
Subtotal	4,000	2,000	(2,000)
Account 2401`2409 - Special Department Expense			
Special Transportation Needs	450	450	-
Subtotal	450	450	-
Account 2701`2703 - Travel, Training and Meetings			
Training/Seminars	3,000	3,000	-
Subtotal	3,000	3,000	-
Total S&S: Clerk of Authority	17,089	11,089	(6,000)

BUSINESS SERVICES DEPARTMENT
FINANCE DIVISION
ORG 3310 & 3379

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Financial Services (Org 3310)			
Account 1601 - Memberships			
AGA/AICPA/State Board	250	250	-
American Payroll Association	500	500	-
CSMFO	250	250	-
GFOA	700	700	-
Subtotal	1,700	1,700	-
Account 1901`1908 - Prof. and Specialized Services			
Workflow Improvement/Compliance Reporting	38,000	15,000	(23,000)
SB90 Claims Consultant	2,000	2,000	-
Staffing Timekeeping Maintenance	-	260,000	260,000
Collection Agency Fees	6,000	6,000	-
Subtotal	46,000	283,000	237,000
Account 2101 - Rents and Leases- Equipment			
Document Destruction	1,000	1,000	-
Post Office Box Rental - Accounts Receivable	2,000	2,000	-
Subtotal	3,000	3,000	-
Account 2701`2703 - Travel, Training and Meetings			
CSMFO/GFOA/League Training/Conferences	5,000	3,500	(1,500)
AICPA/CSMFO/GFOA Webcast	3,000	2,000	(1,000)
APA/AICPA/State CPA/SCT Tech. Training	5,000	3,500	(1,500)
Banner/SCT Payroll/Finance Training	77,000	60,000	(17,000)
Subtotal	90,000	69,000	(21,000)
S&S: Financial Services	140,700	356,700	216,000

BUSINESS SERVICES DEPARTMENT
FINANCE DIVISION
ORG 3310 & 3379

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Financial Services Controlled (Org 3379)			
Account 1801`1810 - Office Expense			
Office Supplies	3,000	3,000	-
Postage Expense	52,000	52,000	-
Equipment Maintenance (mailing/folding machines)	3,000	3,000	-
Reproduction/Printing (excl. copiers)	38,000	38,000	-
Subtotal	96,000	96,000	-
Account 1901`1908 - Prof. and Specialized Services			
County Islands	213,166	213,166	-
OPTI Source Imaging	6,000	6,000	-
Internal Control Reviews	36,000	30,000	(6,000)
Property Tax Admin Fee	2,088,658	2,000,000	(88,658)
Public Accounting	71,449	71,449	-
Subtotal	2,415,273	2,320,615	(94,658)
Account 2101 - Rents and Leases - Equipment			
Copier Rental	145,000	145,000	-
Subtotal	145,000	145,000	-
Account 2601`2602 - Transportation			
Private Mileage	204,000	204,000	-
Subtotal	204,000	204,000	-
Account 3701 Taxes and Assessments			
State Board of Equalization - Fuel Storage Tax	2,209	2,209	-
Subtotal	2,209	2,209	-
S&S: Financial Services Controlled	2,862,482	2,767,824	(94,658)
Total S&S: Finance Division	3,003,182	3,124,524	121,342

BUSINESS SERVICES DEPARTMENT
MATERIEL MANAGEMENT SECTION
ORG 4410 & 4419

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Service Center (Org 4410)			
Account 1301`1302 - Maintenance/Repair - Equipment			
Air Fill Station Repair	9,000	9,000	-
Lift Truck Maintenance	2,000	2,000	-
Welding Gases	1,600	1,600	-
Subtotal	12,600	12,600	-
Account 1601 - Memberships			
Costco Memberships	165	165	-
SAFER Memberships	50	50	-
Subtotal	215	215	-
Account 1801`1810 - Office Expense			
Office Equipment Controlled	3,000	3,000	-
Subtotal	3,000	3,000	-
Account 1901`1908 - Professional and Specialized Services			
Quantitative SCBA Fit Testing	19,000	19,000	-
Subtotal	19,000	19,000	-
Account 2300 - Small Tools and Instruments			
Miscellaneous Small Tools	1,000	1,000	-
Subtotal	1,000	1,000	-
Account 2701`2703 - Travel, Training and Meetings			
Trans/Travel (Safer Meetings)	250	250	-
Training Registration Fees	2,400	2,400	-
Misc. Training (Svc Center Staff)	3,700	3,700	-
Subtotal	6,350	6,350	-
S&S: Service Center	42,165	42,165	-

BUSINESS SERVICES DEPARTMENT
MATERIEL MANAGEMENT SECTION
ORG 4410 & 4419

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Inventory - Service Center (Org 4419)			
Account 1001`1003 - Clothing and Personal Supplies			
Boot Reimbursement	3,000	3,000	-
Rain Suits	1,500	1,500	-
Safety Clothing - Academy	50,000	50,000	-
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	77,000	-
Helmets	60,000	60,000	-
Uniforms	517,000	517,000	-
Subtotal	1,050,000	1,050,000	-
Account 1101 - Food			
Food - In County Incidents	23,000	23,000	-
Emergency Food Supplies	12,000	12,000	-
Subtotal	35,000	35,000	-
Account 1151 - Household Expenses			
Household Supplies	200,000	200,000	-
Misc. Household	10,000	10,000	-
Mattress Pads	2,000	2,000	-
Subtotal	212,000	212,000	-
Account 1301`1302 - Maintenance/Repair - Equipment			
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	45,000	-
Small Engine Repair	20,000	20,000	-
Vehicle Wax	14,000	14,000	-
Thermal Imaging Camera Repair/Battery Replacement	30,000	30,000	-
Subtotal	216,000	216,000	-
Account 1501`1509 - Medical Supplies and Equipment			
Medical Oxygen	10,000	10,000	-
Subtotal	10,000	10,000	-

BUSINESS SERVICES DEPARTMENT
MATERIEL MANAGEMENT SECTION
ORG 4410 & 4419

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 1801`1810 - Office Expense			
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	50,000	-
Printer Supplies	40,000	40,000	-
Rubber Stamps	1,500	1,500	-
Thomas Bros. Maps	1,000	1,000	-
Subtotal	131,500	131,500	-
Account 2301`2309 - Small Tools and Instruments			
Batteries	3,000	3,000	-
Miscellaneous Small Tools	5,000	3,000	(2,000)
Replacement Flashlights	3,000	5,000	2,000
Subtotal	11,000	11,000	-
Account 2401`2409 - Special Department Expense			
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	12,160	-
Miscellaneous Supplies	1,500	1,500	-
SCBA Voice Amplifiers	52,000	52,000	-
Scott Air Pack Cylinder Replacement	100,000	100,000	-
Sign Material	11,000	11,000	-
Thermal Imaging Cameras	200,000	200,000	-
Subtotal	825,618	825,618	-
S&S: Inventory - Service Center	2,491,118	2,491,118	-
Total S&S: Materiel Management Section	2,533,283	2,533,283	-

BUSINESS SERVICES DEPARTMENT
PURCHASING SECTION
ORG 3335

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1601 - Memberships			
CA Assoc. of Public Purchasing Officers (CAPPO)	550	550	-
Nat'l Institute of Govt. Purchasing (NIGP)	425	425	-
National Purchasing Institute (NPI)	90	90	-
Subtotal	1,065	1,065	-
Account 1801'1810 - Office Expense			
Misc. Books & Subscriptions	400	400	-
Miscellaneous Supplies	1,200	1,200	-
Printing	200	200	-
Subtotal	1,800	1,800	-
Account 1901'1908 - Prof. and Specialized Services			
Planet Bids Base Software - Annual Fee	13,200	14,600	1,400
Planet Bids Emerg. Ops - Annual Fee	4,500	4,500	-
Planet Bids Insurance Certification - Annual Fee	6,000	4,500	(1,500)
Planet Bids Add-on - Annual Fee	1,347	1,350	3
Planet Bids RFP Module - Annual Fee	3,511	4,250	739
Planet Bids Commodity Code Licensing	800	800	-
Subtotal	29,358	30,000	642
Account 2001 - Publications and Legal Notices			
Advertising Formal Bids	545	545	-
Subtotal	545	545	-
Account 2401'2409 - Special Department Expense			
Achievement of Excellence Award	400	400	-
Subtotal	400	400	-
Account 2701'2703 - Travel, Training and Meetings			
CAPPO Annual Conference	1,500	1,500	-
CAPPO Chapter Meetings	500	500	-
Professional Development Seminars	3,000	6,500	3,500
Subtotal	5,000	8,500	3,500
Total S&S: Purchasing Section	38,168	42,310	4,142

BUSINESS SERVICES DEPARTMENT
TREASURY AND FINANCIAL PLANNING SECTION
ORG 3302 & 3333

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Treasury & Financial Planning (Org 3333)			
Account 1301`1302 - Maintenance/Repair - Equipment			
Investment Software - Annual Support	2,990	3,656	666
Subtotal	2,990	3,656	666
Account 1601 - Memberships			
Cal Municipal Treasurer's Assoc.	155	155	-
CSMFO	260	260	-
FEI	425	425	-
Municipal Treasurers' Assoc. US&C	275	275	-
NAGDCA	300	600	300
Subtotal	1,415	1,715	300
Account 1704 - Interest Expense			
Interest Expense for Interfund Borrowing	31,250	31,250	-
Subtotal	31,250	31,250	-
Account 1901`1908 - Prof. and Specialized Services			
Cash Management Fees	80,000	80,000	-
Courier Fees	1,500	2,224	724
RSG Tax Study	49,000	49,000	-
Subtotal	130,500	131,224	724
Account 2401`2409 - Special Department Expense			
Annual Prop Tax Roll- County Assessor	2,800	2,800	-
Subtotal	2,800	2,800	-
Account 2701`2703 - Travel, Training and Meetings			
CSMFO/GFOA Seminars	47,499	41,667	(5,832)
Subtotal	47,499	41,667	(5,832)
S&S: Treasury and Financial Planning	216,454	212,312	(4,142)
Total S&S: Treasury & Financial Planning Section	216,454	212,312	(4,142)

ORANGE COUNTY FIRE AUTHORITY
COMMUNITY RISK REDUCTION DEPARTMENT S&S SUMMARY
FY 2018/19 BUDGET

Sections/Programs	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Investigation Services			
Investigation Services Program	\$259,887	\$259,887	-
Total Investigations	259,887	259,887	-
Planning & Development			
Plan Review Program	167,366	167,366	-
New Construction Inspection Program	12,550	12,550	-
Total Planning & Development	179,916	179,916	-
Prevention Field Services			
Inspection Services Program	29,434	29,434	-
Total Prevention Field Services	29,434	29,434	-
Department Total	\$469,237	\$469,237	-

Grant funding and one-time items are not included in the FY 2017/18 base budget.

COMMUNITY RISK REDUCTION DEPARTMENT
INVESTIGATION SERVICES PROGRAM
ORG 4320

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1001'1003 - Clothing and Personal Supplies			
Protection Clothing and Polo Shirts	5,000	5,000	-
Subtotal	5,000	5,000	-
Account 1301'1305 - Maintenance/Repair - Equipment			
Equipment Repair and Calibration	1,000	1,000	-
Investigation Equipment	1,000	1,000	-
Subtotal	2,000	2,000	-
Account 1601 - Memberships			
CA Conf. of Arson Investigators	360	360	-
6 Fire Arson Group, OCFCA	225	225	-
International Assoc. of Arson Investigators	900	900	-
Subtotal	1,485	1,485	-
Account 1801'1810 - Office Expense			
Misc. Office Supplies	2,250	2,250	-
Subtotal	2,250	2,250	-
Account 1902'1908 - Prof. and Specialized Services			
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	-
Subtotal	199,594	199,594	-
Account 2401'2409 - Special Department Expense			
Small Tools and Equipment	4,200	4,200	-
Books, Legal Updates	2,000	2,000	-
Subtotal	6,200	6,200	-
Account 2701'2703 Travel, Training and Meetings			
Officer Safety	8,000	8,000	-
CCAI Conference	4,000	4,000	-
Specialized Training	31,358	31,358	-
Subtotal	43,358	43,358	-
Total S&S: Investigation Services Program	259,887	259,887	-

COMMUNITY RISK REDUCTION DEPARTMENT
PLAN REVIEW PROGRAM
ORG 4438

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1601 - Memberships			
NFPA	341	341	-
OCFPO	200	200	-
SOCALFPO	400	400	-
OC Empire ICC	300	300	-
ICC	300	300	-
SFPE	300	300	-
Subtotal	1,841	1,841	-
Account 1801`1810 - Office Expense			
Misc. Petty Cash Reimbursement	200	200	-
Misc. Office Supplies	1,500	1,500	-
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	-
Subtotal	15,300	15,300	-
Account 1902`1908 - Prof. and Specialized Services			
Plan Review Contracts	133,125	133,125	-
Subtotal	133,125	133,125	-
Account 2701`2703 Travel, Training and Meetings			
Code Conferences and Hearings	5,500	5,500	-
Inspector Training	11,600	11,600	-
Subtotal	17,100	17,100	-
Total S&S: Plan Review Program	167,366	167,366	-

COMMUNITY RISK REDUCTION DEPARTMENT
NEW CONSTRUCTION INSPECTION PROGRAM
ORG 4439

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1601 - Memberships			
OCFPO	200	200	-
Misc. Memberships (CAFAA, CALBO etc.)	100	100	-
Subtotal	300	300	-
Account 1801`1810 - Office Expense			
Misc. Petty Cash Reimbursements	400	400	-
Misc. Office Supplies	2,750	2,750	-
Computers/Technology	1,000	1,000	-
Code Books	4,100	4,100	-
Subtotal	8,250	8,250	-
Account 2701`2703 Travel, Training and Meetings			
Code Conferences and Hearings	1,500	1,500	-
Inspector Training	2,500	2,500	-
Subtotal	4,000	4,000	-
Total S&S: New Construction Inspection Program	12,550	12,550	-

COMMUNITY RISK REDUCTION DEPARTMENT
INSPECTION SERVICES PROGRAM
ORG 4460

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1601 - Memberships			
IFCI	150	150	-
OCFA/AFSS	200	-	(200)
OCFPO	500	700	200
Other	200	200	-
Subtotal	1,050	1,050	-
Account 1801`1810 - Office Expense			
Misc. Petty Cash Reimbursements	775	775	-
Misc. Office Supplies	1,900	1,900	-
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	-
Subtotal	14,384	14,384	-
Account 2701`2703 Travel, Training and Meetings			
Inspector Training	10,000	10,000	-
Training & Seminars	4,000	4,000	-
Subtotal	14,000	14,000	-
Total S&S: Inspection Services Program	29,434	29,434	-



ORANGE COUNTY FIRE AUTHORITY
EXECUTIVE MANAGEMENT S&S SUMMARY
FY 2018/19 BUDGET

Divisions/Sections	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Executive Management			
Executive Management	\$648,150	\$648,150	-
Executive Management Support	70,232	70,232	
Total Executive Management	718,382	718,382	-
Human Resources Division			
Risk Management	1,258,976	1,445,819	186,843
Risk Management Controlled	1,552,662	1,591,662	39,000
WEFIT Program	479,636	479,636	-
Employee Benefits & Services	101,700	266,441	164,741
Employee Relations	271,881	181,670	(90,211)
Recruitment and Selection	303,154	771,885	468,731
Total Human Resources Division [1]	3,968,009	4,737,113	769,104
Department Total	\$4,686,391	\$5,455,495	\$769,104

Grant funding and one-time items are not included in the FY 2017/18 base budget.

[1] Comprises \$35K in one-time increase and \$734K in ongoing increases in various sections within HR Division such as pre-employment psychological assessments, comprehensive pre-employment background investigations, external investigation services, counseling services, insurance premiums, examination materials and tests development.

EXECUTIVE MANAGEMENT
EXECUTIVE MANAGEMENT
ORG 9901 & 9905

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Executive Management (Org 9901)			
Account 1101 - Food			
Food for Special Meetings	400	400	-
Subtotal	400	400	-
Account 1601 - Memberships			
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	-
Subtotal	13,750	13,750	-
Account 1901`1908 - Prof and Specialized Services			
Legal Counsel Services	475,000	430,000	(45,000)
Consultant Services	20,000	20,000	-
Labor Negotiation Services	100,000	70,000	(30,000)
Public Affairs Consulting Services	-	75,000	75,000
Subtotal	595,000	595,000	-
Account 2401`2409 - Special Department Expense			
Special Department Expense	22,500	22,500	-
Subtotal	22,500	22,500	-
Account 2701`2703 - Travel, Training and Meetings			
Meetings with State Officials	10,000	10,000	-
Seminars & Workshops	6,500	6,500	-
Subtotal	16,500	16,500	-
S&S: Executive Management	648,150	648,150	-

EXECUTIVE MANAGEMENT
EXECUTIVE MANAGEMENT
ORG 9901 & 9905

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Executive Management Support (Org 9905)			
Account 1601 - Memberships			
CA Fire Chiefs' Assoc.	365	365	-
International Assoc. of Fire Chiefs	731	731	-
California League of Cities	365	365	-
Subtotal	1,461	1,461	-
Account 1801~1810 - Office Expense			
Office Supplies	2,739	2,739	-
Subtotal	2,739	2,739	-
Account 1901`1908 - Prof. and Specialized Services			
Honor Guard/Pipes & Drums	3,652	3,652	-
Risk Management Tools	27,950	27,950	-
Subtotal	31,602	31,602	-
Account 2401`2409 - Special Department Expense			
Ribbons, etc. for Protocol/Ceremony	15,300	15,300	-
Subtotal	15,300	15,300	-
Account 2701 – Travel, Training and Meetings			
Travel for Honor Guard/Pipes & Drums	10,000	10,000	-
Miscellaneous - Executive Management Support	9,130	9,130	-
Subtotal	19,130	19,130	-
S&S: Executive Management Support	70,232	70,232	-
Total S&S: Executive Management	718,382	718,382	-

EXECUTIVE MANAGEMENT
HUMAN RESOURCES DIVISION
ORG 3355, 3349, 3354, 3351, 3385 and 3390

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Risk Management (Org 3355)			
Account 1601 - Memberships			
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	-
Subtotal	890	890	-
Account 1901`1908 - Prof. and Specialized Services			
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	597,200	608,743	11,543
RFOTC 24/7 Uniformed Security Guard	151,843	151,843	-
Workers' Compensation Claims Auditor	23,000	23,000	-
Workers' Compensation User Funding Assessment	328,058	328,058	-
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
			-
Subtotal	1,184,686	1,354,229	169,543
Account 2401`2409 - Special Department Expense			
HAZMAT Removal	15,000	15,000	-
Compliance Permits	50,000	65,000	15,000
Subtotal	65,000	80,000	15,000
Account 2701`2703 - Travel, Training and Meetings			
PARMA Annual Conference	4,100	4,100	-
FAIRA/Broker Meetings	2,000	2,000	-
American Society of Safety Engineers Conference	2,300	4,600	2,300
Subtotal	8,400	10,700	2,300
S&S: Risk Management	1,258,976	1,445,819	186,843
Risk Management Controlled (Org 3349)			
Account 1201 - Insurance			
Aircraft Liability	160,046	160,046	-
Bonds	13,008	13,008	-
Liability/Property Insurance	903,800	903,800	-
Insurance Deductibles	17,500	17,500	-
Insurance Broker Fees	50,000	50,000	-
Self insured Property Claim Loss	15,000	15,000	-

EXECUTIVE MANAGEMENT
HUMAN RESOURCES DIVISION
ORG 3355, 3349, 3354, 3351, 3385 and 3390

	2017/18	2018/19	\$ Change
Item Description	Base Budget	Request	fr 2017/18 Base Budget
Fuel Storage Tanks	17,008	17,008	-
Vehicle Verifier Bond	300	300	-
WC Self Insurance Excess Loss Premium	376,000	415,000	39,000
Subtotal	1,552,662	1,591,662	39,000
S&S: Risk Management Controlled	1,552,662	1,591,662	39,000
WEFIT Program (Org 3354)			
Account 1001`1002 - Clothing & Personal Supplies			
Clothing and Personal Supplies	1,000	1,000	-
Subtotal	1,000	1,000	-
Account 1301`1302 - Maintenance/Repair - Equipment			
Exercise Equipment Maintenance	30,000	30,000	-
Subtotal	30,000	30,000	-
Account 1601 - Memberships			
Commercial Fitness Center Memberships	11,000	11,000	-
Subtotal	11,000	11,000	-
Account 1801`1810 - Office Expense			
Health/Fitness Educational Material	1,500	1,500	-
Subtotal	1,500	1,500	-
Account 1901`1908 - Prof. and Specialized Services			
Physical Exams and Fitness Testing	311,000	311,000	-
Subtotal	311,000	311,000	-
Account 2401`2409 - Special Department Expense			
Exercise Equipment	105,136	105,136	-
Subtotal	105,136	105,136	-
Account 2701`2703 - Travel, Training and Meetings			
Fitness Training/Classes	20,000	20,000	-
Subtotal	20,000	20,000	-
S&S: WEFIT Program	479,636	479,636	-
S&S: Total Risk Management	3,291,274	3,517,117	225,843

EXECUTIVE MANAGEMENT
HUMAN RESOURCES DIVISION
ORG 3355, 3349, 3354, 3351, 3385 and 3390

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Employee Benefits & Services (Org 3351)			
Account 1201 - Insurance			
Annual Insurance Premium	33,000	43,000	10,000
Subtotal	33,000	43,000	10,000
Account 1601 - Memberships			
Benefit Membership & Certifications	2,500	2,500	-
Subtotal	2,500	2,500	-
Account 1901'1908 - Prof. and Specialized Services			
Employee Assistance Program	35,000	37,500	2,500
Discovery Benefits COBRA & FSA	3,000	3,800	800
Monthly Backup Data Storage	5,100		(5,100)
Management Physicals	5,000	4,466	(534)
Admin Fees for RFPT Dental & Vision	4,800		(4,800)
Bilingual Testing		1,875	1,875
Subtotal	52,900	47,641	(5,259)
Account 2401'2409 - Special Department Expense			
Management Tuition Reimbursement	-	35,000	35,000
Non-Management Tuition Reimbursement	-	125,000	125,000
Subtotal	-	160,000	160,000
Account 2701'2703 - Travel, Training and Meetings			
CalPELRA & PELRAC	4,800	4,000	(800)
Various Trainings	5,000	4,250	(750)
LCW Annual Conference	1,500	1,950	450
CalPERS Benefit Conference	2,000	3,100	1,100
Subtotal	13,300	13,300	-
S&S: Employee Benefits & Services	101,700	266,441	164,741

Employee Relations (Org 3385)

Account 1601 - Memberships			
CalPACS	275	-	(275)
Employee Relations Commission	135	-	(135)
SCPM - HR	150	-	(150)
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
So Cal Public Relations Council	200	-	(200)
PELRAC	1,050	1,050	-
NPELRA	525	525	-
Subtotal	6,735	9,400	2,665

EXECUTIVE MANAGEMENT
HUMAN RESOURCES DIVISION
ORG 3355, 3349, 3354, 3351, 3385 and 3390

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 1801`1810 - Office Expense			
Misc. Books & Subscriptions	6,000	8,470	2,470
Subtotal	6,000	8,470	2,470
Account 1901`1908 - Prof. and Specialized Services			
Microfilming	5,000	-	(5,000)
Investigation Services	2,000	3,868	1,868
Legal Services	10,000	10,000	-
Bilingual Testing	1,875	-	(1,875)
Customized Training & Crisis Management	23,000	23,000	-
Class & Comp Studies	35,000	35,000	-
External Investigation Services	-	31,132	31,132
Audit of FF Trainee Manipulative Exam (one time)		35,000	35,000
Subtotal	76,875	138,000	61,125
Account 2001 - Publications and Legal Notices			
Federal Notices	3,300	3,300	-
Subscriptions	2,000	2,000	-
Subtotal	5,300	5,300	-
Account 2401`2409 - Special Department Expense			
Recruitment Advertising & Job Fairs	5,971	8,000	2,029
Management Tuition Reimbursement	35,000	-	(35,000)
Non-Management Tuition Reimbursement	125,000	-	(125,000)
Subtotal	165,971	8,000	(157,971)
Account 2701`2703 - Travel, Training and Meetings			
CalPELRA	8,000	8,000	-
LCW Annual Conference	1,500	3,000	1,500
SCPMA - HR	300	300	-
Webinars	1,200	1,200	-
Subtotal	11,000	12,500	1,500
S&S: Employee Relations	271,881	181,670	(90,211)
Recruitment and Selection (Org 3390)			
Account 1101 - Food			
Recruitment & Promotions Interviews/Assessment Centers	21,050	21,050	-
Subtotal	21,050	21,050	-
Account 1301 - Maintenance/Repair - Equipment			
NEOGOV Insight	9,114	9,114	-
NEOGOV Performance Appraisal	28,808	36,799	7,991
NEOGOV Onboarding	14,880	14,880	-
CritiCall Dispatcher Pre-Employment Testing	1,500	1,500	-
Subtotal	54,302	62,293	7,991

EXECUTIVE MANAGEMENT
HUMAN RESOURCES DIVISION
ORG 3355, 3349, 3354, 3351, 3385 and 3390

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 1601 - Memberships			
SHRM	760	418	(342)
Personnel Testing Council of So Cal	80	80	-
IPMA Agency	-	957	957
PELRAC	-	175	175
Western Region Item Bank Employment Testing	1,700	1,800	100
Subtotal	2,540	3,430	890
Account 1801`1810 - Office Expense			
Misc. Supplies	300	2,500	2,200
Postage	100	100	-
Printing	100	100	-
Document Destruction	748	960	212
Subtotal	1,248	3,660	2,412
Account 1901`1908 - Prof. and Specialized Services			
Exam Development & Test Materials	15,000	57,000	42,000
Fingerprint Services	10,000	20,128	10,128
Pre-Employment Background Investigations	58,900	258,000	199,100
Employment Physicals	126,614	282,924	156,310
Pre-Employment Psychological Assessments	-	51,600	51,600
Subtotal	210,514	669,652	459,138
Account 2201 - Rents & Leases - Facilities			
Safety Exams	7,500	7,500	-
Non-Safety Exams	2,500	2,000	(500)
Subtotal	10,000	9,500	(500)
Account 2701`2703 - Travel, Training and Meetings			
LCW Annual Conference	-	1,500	1,500
HR Staff Training	3,500	800	(2,700)
Subtotal	3,500	2,300	(1,200)
S&S: Recruitment and Selection	303,154	771,885	468,731
Total S&S: Human Resources Division	3,968,009	4,737,113	769,104

ORANGE COUNTY FIRE AUTHORITY
OPERATIONS DEPARTMENT S&S/EQUIPMENT SUMMARY
FY 2018/19 BUDGET

Divisions/Sections	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Division 1			
Division 1 - Administration	\$9,400	\$9,400	-
Total Division 1	<u>9,400</u>	<u>9,400</u>	<u>-</u>
Division 2			
Division 2 - Administration [1]	333,420	296,350	(37,070)
Total Division 2	<u>333,420</u>	<u>296,350</u>	<u>(37,070)</u>
Division 3			
Division 3 - Administration	16,192	16,192	-
Total Division 3	<u>16,192</u>	<u>16,192</u>	<u>-</u>
Division 4			
Division 4 - Administration	61,342	61,342	-
Community Volunteer Services	27,820	27,820	-
Total Division 4	<u>89,162</u>	<u>89,162</u>	<u>-</u>
Division 5			
Division 5 - Administration	115,298	115,298	-
Total Division 5	<u>115,298</u>	<u>115,298</u>	<u>-</u>
Division 6			
Division 6 - Administration	10,000	10,000	-
Emergency Medical Services [2]	1,196,493	1,317,513	121,020
Total Division 6	<u>1,206,493</u>	<u>1,327,513</u>	<u>121,020</u>
Division 7			
Division 7 - Administration [3]	26,442	11,400	(15,042)
Total Division 7	<u>26,442</u>	<u>11,400</u>	<u>(15,042)</u>
Division 10 (Ops Support)			
Operations Support [3]	6,000	61,042	55,042
Emergency Planning and Coordination	11,000	11,000	-
Air Operations [4]	621,280	2,181,892	1,250,612
Pre-Fire Management	100,875	100,875	-
Crews & Equipment	49,803	49,803	-
Total Operations Support	<u>788,958</u>	<u>2,404,612</u>	<u>1,305,654</u>
Public Information Office & Media Relations			
Public Information Office	6,375	6,375	-
Community Relations	32,954	32,954	-
Community Education Programs	57,700	57,700	-
RFOTC Open House	11,000	11,000	-
Total Public Information Office & Media Relations	<u>108,029</u>	<u>108,029</u>	<u>-</u>
Communications & Legislative Affairs			
Legislative Affairs [3]	167,625	162,625	(5,000)
Total Communications & Legislative Affairs	<u>167,625</u>	<u>162,625</u>	<u>(5,000)</u>
Department Total [1]	<u>\$2,870,419</u>	<u>\$4,540,581</u>	<u>\$1,369,562</u>

Grant-funding and one-time items are not included in the FY 2017/18 base budget.

[1] Decrease from reduced Airport Rescue Firefighting budget.

[2] Increase due to \$9K for tetanus boosters, \$90K for medical supply cost increases, \$14K for airway devices, \$92K for TB testing, and \$10K for paramedic recertification expenditures. Also reflects reduction of \$94K to fund Fire Equipment Tech. position.

[3] Ops Support increase from permanent transfers from Division 7 Admin, Legislative Affairs, and Training & Safety sections. Also includes \$14K increase for drone hardware acquisition.

[4] Increase due to \$37K for personal protective equipment, \$8K for miscellaneous aviation parts, and \$68K for training. Also includes the following one-time increases: \$220K for 5-year helicopter inspection, \$90K for 10-year helicopter inspection, and \$1.1M for a forward looking infrared radar camera.

OPERATIONS DEPARTMENT
DIVISION 1
 ORG 0111

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Division 1 (Admin) (Org 0111)			
Account 1402 - Maintenance/Repair - Buildings			
Cal-Card	7,000	7,000	-
Subtotal	7,000	7,000	-
Account 2401`2409 - Special Department Expense			
Miscellaneous Expense	2,400	2,400	-
Subtotal	2,400	2,400	-
S&S: Division 1 (Admin)	9,400	9,400	-
Total S&S: Division 1	9,400	9,400	-

OPERATIONS DEPARTMENT

DIVISION 2

ORG 0112, 1170 & 1033

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Division 2 (Admin) (Org 0112)			
Account 1402 - Maintenance/Repair - Buildings			
Cal-Card	11,000	11,000	-
Subtotal	11,000	11,000	-
Account 2401`2409 - Special Department Expense			
Miscellaneous Expense	2,435	2,435	-
Subtotal	2,435	2,435	-
S&S: Division 2 (Admin)	13,435	13,435	-
Hazardous Materials Team (Org 1170)			
Account 1001- Clothing and Personal Supplies			
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	-
Subtotal	34,550	34,550	-
Account 1301`1302 - Maintenance/Repair - Equipment			
Repair/Maintenance of Haz Mat Equipment	40,213	40,213	-
Subtotal	40,213	40,213	-
Account 1501`1509 - Medical Supplies and Equipment			
Lab Supplies	9,900	9,900	-
Subtotal	9,900	9,900	-
Account 1801`1810 - Office Expense			
TOMES Database Program Subscription	3,080	3,080	-
Subtotal	3,080	3,080	-
Account 2301`2309 - Small Tools and Instruments			
Small Tools & Equipment	1,141	1,141	-
Tetracore Biological Tickets	3,964	3,964	-
Subtotal	5,105	5,105	-
Account 2401`2409 - Special Department Expense			
In-Suit Radios	6,480	6,480	-
Subtotal	6,480	6,480	-

OPERATIONS DEPARTMENT
DIVISION 2
ORG 0112, 1170 & 1033

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 2701`2703 - Travel, Training and Meetings			
HMT Transportation and Travel	6,000	6,000	-
HMT Technician/Specialist Training	23,253	23,253	-
Ontario Training	1,800	1,800	-
Subtotal	31,053	31,053	-
S&S: Hazardous Materials Team	130,381	130,381	-
Aircraft Rescue Firefighting (ARFF) (Org 1033)			
Account 1001- Clothing and Personal Supplies			
Proximity Suits Repair/Replacement	1,500	22,488	20,988
Hi Visibility Impact Gloves	2,358	2,358	-
Subtotal	3,858	24,846	20,988
Account 1301`1302 - Maintenance/Repair - Equipment			
SCBA Service	3,000	1,000	(2,000)
Vehicle Repair	-	2,000	2,000
Crane/Tug Accessories	4,915	2,878	(2,037)
Subtotal	7,915	5,878	(2,037)
Account 1402 - Maintenance/Repair - Buildings			
Station Repair-Maintenance	15,000	-	(15,000)
Subtotal	15,000	-	(15,000)
Account 1501`1509 - Medical Supplies and Equipment			
Fire Rescue Props	2,500	-	(2,500)
Subtotal	2,500	-	(2,500)
Account 1601 - Memberships			
ARFF Working Group	185	185	-
Subtotal	185	185	-
Account 1801`1810 - Office Expense			
Misc. Office Expense/Subscriptions	650	650	-
Subtotal	650	650	-

OPERATIONS DEPARTMENT
DIVISION 2
ORG 0112, 1170 & 1033

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 2401`2409 - Special Department Expense			
Certifications - Crane, ARFF, EVOC-24, etc.	53,410	15,975	(37,435)
Fire Equipment - Smoke Ejector	2,400	-	(2,400)
Rescue Tools	2,691	9,310	6,619
SCBA Apparatus	23,400	-	(23,400)
Subtotal	81,901	25,285	(56,616)
Account 2701`2703 - Travel, Training and Meetings			
Live Fire Control Part 139 Training	49,005	-	(49,005)
ARFF Training Registration Fees	2,990	-	(2,990)
Annual FAA Training	-	54,430	54,430
ARFF Certification	-	41,260	41,260
Advanced Aircraft Fire Control	9,600	-	(9,600)
Subtotal	61,595	95,690	34,095
S&S: Aircraft Rescue Firefighting	173,604	152,534	(21,070)
<u>EQUIPMENT EXPENSE:</u>			
Aircraft Rescue Firefighting (ARFF) (Org 1033)			
Account 4000 Equipment			
Mine Safety 6000 FLIR Cameras	16,000	-	(16,000)
Subtotal	16,000	-	(16,000)
Total Equipment: Division 2	16,000	-	(16,000)
Total S&S and Equipment: Division 2	333,420	296,350	(37,070)

OPERATIONS DEPARTMENT
DIVISION 3
 ORG 0113

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Division 3 (Admin) (Org 0113)			
Account 1402 - Maintenance/Repair - Buildings			
Cal Card	14,000	14,000	-
Subtotal	14,000	14,000	-
Account 2401`2409 - Special Department Expense			
Miscellaneous Expense	2,192	2,192	-
Subtotal	2,192	2,192	-
S&S: Division 3 (Admin)	16,192	16,192	-
Total S&S: Division 3	16,192	16,192	-

OPERATIONS DEPARTMENT
DIVISION 4
ORG 0114 & 1160

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Division 4 (Admin) (Org 0114)			
Account 1001`1003 Clothing and Personal Supplies			
Badges	28,086	28,086	-
Subtotal	28,086	28,086	-
Account 1402 - Maintenance /Repair - Buildings			
Cal Card	13,000	13,000	-
Subtotal	13,000	13,000	-
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	-
Subtotal	20,256	20,256	-
S&S: Division 4 (Admin)	61,342	61,342	-
Community Volunteer Services (CVS) (Org 1160)			
Account 2401`2409 - Special Department Expense			
PERS Volunteer Length of Service Award	14,224	14,224	-
Miscellaneous Expense	13,596	13,596	-
Subtotal	27,820	27,820	-
S&S: Community Volunteer Services	27,820	27,820	-
Total S&S: Division 4	89,162	89,162	-

OPERATIONS DEPARTMENT

DIVISION 5

ORG 0116, 1165 & 1171

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Division 5 (Admin) (Org 0116)			
Account 1402 - Maintenance/Repair - Buildings			
Cal Card	9,000	9,000	-
Subtotal	9,000	9,000	-
Account 2401'2409 - Special Department Expense			
Miscellaneous Expense	2,191	2,191	-
Subtotal	2,191	2,191	-
S&S: Division 5 (Admin)	11,191	11,191	-
Urban Search and Rescue (Org 1165 - Funded by OCFA)			
Account 1001 - Clothing and Personal Supplies			
Safety Clothing	13,500	13,500	-
Subtotal	13,500	13,500	-
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	-
Subtotal	9,200	9,200	-
Account 2301'2309 - Small Tools and Instruments			
Small Tool Purchase/Replacement	32,000	32,000	-
Subtotal	32,000	32,000	-
Account 2401'2409 - Special Department Expense			
Miscellaneous Special Department Expense	3,300	3,300	-
Subtotal	3,300	3,300	-
Account 2701'2703 - Travel, Training and Meetings			
US&R Meetings and Training	17,000	17,000	-
Subtotal	17,000	17,000	-
S&S: US&R (Funded by OCFA)	75,000	75,000	-

OPERATIONS DEPARTMENT

DIVISION 5

ORG 0116, 1165 & 1171

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Swift Water Rescue (Org 1171)			
Account 1001 - Clothing and Personal Supplies			
Replacement	1,500	1,500	-
Subtotal	1,500	1,500	-
Account 2401`2409 - Special Department Expense			
Miscellaneous Special Department Expense	23,607	23,607	-
Subtotal	23,607	23,607	-
Account 2701`2703 - Travel, Training and Meetings			
Transportation & Travel	4,000	4,000	-
Subtotal	4,000	4,000	-
S&S: Swift Water Rescue	29,107	29,107	-
Total S&S: Division 5	115,298	115,298	-

OPERATIONS DEPARTMENT
DIVISION 6
ORG 0117, 1441 & 3307

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Division 6 (Admin) (Org 0117)			
Account 1402 - Maintenance/Repair - Buildings			
Cal Card	10,000	10,000	-
Subtotal	10,000	10,000	-
S&S: Division 6 (Admin)	10,000	10,000	-
Critical Incident Stress Debriefing (Org 3307)			
Account 1801`1810 - Office Expense			
Office Expense	500	500	-
Subtotal	500	500	-
Account 1901`1908 - Prof. and Specialized Services			
Professional Services	9,500	9,500	-
Subtotal	9,500	9,500	-
S&S: Critical Incident Stress Debriefing	10,000	10,000	-
Emergency Medical Services (EMS) (Org 1441)			
Account 1101 - Food			
Food for Panel Interviews	2,000	2,000	-
Subtotal	2,000	2,000	-
Account 1301`1302 - Maintenance/Repair - Equipment			
Durable Medical Equipment Maintenance	2,500	2,500	-
Subtotal	2,500	2,500	-
Account 1501`1509 - Medical Supplies and Equipment			
Pharmaceuticals/Vaccines (\$9K one-time)	200,000	209,000	9,000
Medical Supplies	700,000	695,920	(4,080)
Medical Equipment (\$14K one-time)	70,243	84,243	14,000
Subtotal	970,243	989,163	18,920
Account 1801`1810 - Office Expense			
Office Supplies including Texts	18,000	18,000	-
Subtotal	18,000	18,000	-

OPERATIONS DEPARTMENT

DIVISION 6

ORG 0117, 1441 & 3307

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 1901`1908 - Prof. and Specialized Services			
Annual TB Testing	-	92,000	92,000
Miscellaneous Professional Services	5,000	5,000	-
Subtotal	5,000	97,000	92,000
Account 2401`2409 - Special Department Expense			
Paramedic Certification	7,000	7,000	-
Paramedic Accreditation	5,000	5,000	-
Paramedic Recertification	20,000	30,100	10,100
EMT Recertification	34,000	34,000	-
Controlled Medication Management System	52,000	52,000	-
UCI Training	2,500	2,500	-
Miscellaneous Expenditures	30,000	30,000	-
Service Pins and Plaques	500	500	-
Subtotal	151,000	161,100	10,100
Account 2701`2703 - Travel, Training and Meetings			
Paramedic Tuition	34,750	34,750	-
Out of County Travel	3,000	3,000	-
Subtotal	37,750	37,750	-
S&S: Emergency Medical Services	1,186,493	1,307,513	121,020
Total S&S: Division 6	1,206,493	1,327,513	121,020

OPERATIONS DEPARTMENT
DIVISION 7
ORG 0115

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Division 7 (Admin) (Org 0115)			
Account 1101 - Food			
Emergency Food	15,042	-	(15,042)
Subtotal	15,042	-	(15,042)
Account 1402 - Maintenance/Repair - Buildings			
Cal Card	7,000	7,000	-
Subtotal	7,000	7,000	-
Account 1801`1810 - Office Expense			
Miscellaneous Expense	2,400	2,400	-
Subtotal	2,400	2,400	-
Account 2701`2703 - Travel, Training and Meetings			
Training and Travel	2,000	2,000	-
Subtotal	2,000	2,000	-
S&S: Division 7 (Admin)	26,442	11,400	(15,042)
Total S&S: Division 7	26,442	11,400	(15,042)

OPERATIONS DEPARTMENT
DIVISION 10 (OPS SUPPORT)
ORG 0118, 1140, 1167, 4556, 1150 & 1152

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Operations Support (Org 0118)			
Account 1001- Clothing and Personal Supplies			
Emergency Food	-	1,000	1,000
Subtotal	-	1,000	1,000
Account 1101 - Food			
Emergency Food	-	15,042	15,042
Subtotal	-	15,042	15,042
Account 1801`1810 - Office Expense			
Misc. Office Expense/Subscriptions	-	4,000	4,000
Subtotal	-	4,000	4,000
Account 2301~2309 Small Tools and Instruments			
Drone Program - Hardware Acquisition	-	14,000	14,000
Subtotal	-	14,000	14,000
Account 2701`2703 - Travel, Training and Meetings			
Drone Program - Expertise Training	6,000	6,000	-
FIRESCOPE / CICCS / IMT Travel and Training	-	21,000	21,000
Subtotal	6,000	27,000	21,000
S&S: Operations Support	6,000	61,042	55,042
Emergency Planning and Coordination (Org 1140)			
Account 1801`1810 - Office Expense			
Miscellaneous Supplies	1,100	1,100	-
Topography Maps	750	750	-
Subtotal	1,850	1,850	-
Account 2401`2409 - Special Department Expense			
Miscellaneous Expense	1,100	1,100	-
Subtotal	1,100	1,100	-
Account 2701`2703 - Travel, Training and Meetings			
Training for Fire Behavior and Decision Support Team	2,599	2,599	-
Travel Expense for Various Meetings	5,451	5,451	-
Subtotal	8,050	8,050	-
S&S: Emergency Planning and Coordination	11,000	11,000	-

OPERATIONS DEPARTMENT
DIVISION 10 (OPS SUPPORT)
ORG 0118, 1140, 1167, 4556, 1150 & 1152

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Air Operations (Org 1167)			
Account 1001 - Clothing and Personal Supplies			
Flight Safety Equipment	5,000	42,000	37,000
Subtotal	5,000	42,000	37,000
Account 1301`1302 - Maintenance/Repair - Equipment			
Miscellaneous Aviation Parts	101,850	110,349	8,499
5-Year Helicopter Inspection (\$220K one-time)	-	220,000	-
10-Year Helicopter Inspection (\$90K one-time)	-	90,000	-
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	-
Subtotal	169,981	488,480	8,499
Account 1402 - Maintenance/Repair - Buildings			
Miscellaneous Maintenance	1,000	1,000	-
Subtotal	1,000	1,000	-
Account 1601 - Memberships			
Helicopter Association	1,000	1,000	-
Subtotal	1,000	1,000	-
Account 1801`1810 - Office Expense			
Subscription & Manual	5,042	5,042	-
Office Supplies & Equipment	3,000	3,000	-
Subtotal	8,042	8,042	-
Account 2301`2309 - Small Tools and Instruments			
Specialized Maintenance Tools	3,750	3,750	-
Hand Tools & Shop Equipment	1,500	1,500	-
Subtotal	5,250	5,250	-
Account 2401`2409 - Special Department Expense			
Fire Retardants	1,500	1,500	-
Safety Management System Template	6,000	6,000	-
Ropes & Rigging, Body Harness	15,000	15,000	-
Santa Ana S&S Allocation			
Subtotal	22,500	22,500	-
Account 2601`2602 - Transportation			
Jet A Fuel	222,373	222,373	-
Jet Fuel Credit Cards	5,000	5,000	-
Subtotal	227,373	227,373	-

OPERATIONS DEPARTMENT
DIVISION 10 (OPS SUPPORT)
ORG 0118, 1140, 1167, 4556, 1150 & 1152

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 2701`2703 - Travel, Training and Meetings			
Interagency Air Attack Workshop	4,000	4,000	-
Travel for Helicopter Training	9,694	9,694	-
Flight Safety Training	43,440	111,307	67,867
Subtotal	57,134	125,001	67,867
S&S: Air Operations	497,280	920,646	113,366

EQUIPMENT EXPENSE:

Air Operations (Org 1167)

Account 4000 Equipment			
Forward Looking Infrared Radar Camera (one-time)	-	1,137,246	1,137,246
Helicopter Components	124,000	124,000	-
Subtotal	124,000	1,261,246	1,137,246
Equipment: Air Operations	124,000	1,261,246	1,137,246
Total S&S and Equipment: Air Operations	621,280	2,181,892	1,250,612

Wildland Pre-Fire Management (Org 4556)

Account 1101 - Food			
Food (COAST BBQ)	250	250	-
Subtotal	250	250	-
Account 1301 - Maintenance/Repair - Equipment			
Other Maintenance/Repair - Miscellaneous	16,000	16,000	-
Subtotal	16,000	16,000	-
Account 1601 - Memberships			
Memberships	1,500	1,500	-
Subtotal	1,500	1,500	-
Account 1801`1810 - Office Expense			
Misc. Office Supplies	27,175	27,175	-
Subtotal	27,175	27,175	-
Account 1902`1908 - Prof. and Specialized Services			
Misc. Professional and Specialized Services	5,900	5,900	-
Subtotal	5,900	5,900	-
Account 2401`2409 - Special Department Expense			
Special Department Expense	27,550	27,550	-
Sand	10,000	10,000	-
Subtotal	37,550	37,550	-

OPERATIONS DEPARTMENT
DIVISION 10 (OPS SUPPORT)
ORG 0118, 1140, 1167, 4556, 1150 & 1152

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 2701`2703 Travel, Training and Meetings			
Travel and Training Expense	12,500	12,500	-
Subtotal	12,500	12,500	-
Total S&S: Wildland Pre-Fire Management	100,875	100,875	-
<i>Santiago Crew (Org 1152)</i>			
Account 1001 - Clothing and Personal Supplies			
Crew Protective Clothing	10,300	10,300	-
Subtotal	10,300	10,300	-
Account 1101 - Food			
Hydration for Staff	3,000	3,000	-
Subtotal	3,000	3,000	-
Account 1301`1305 - Maintenance/Repair - Equipment			
Other Equipment Maintenance/Repair	10,000	10,000	-
Subtotal	10,000	10,000	-
Account 2101 - Rents and Leases - Equipment			
Misc. Rental Expense	1,000	1,000	-
Subtotal	1,000	1,000	-
Account 2301`2309 - Small Tools and Instruments			
Hand Tools	10,000	10,000	-
Subtotal	10,000	10,000	-
S&S: Santiago Crew	34,300	34,300	-
<i>Heavy Fire Equipment (Org 1150)</i>			
Account 1301`1305 - Maintenance/Repair - Equipment			
Maintenance - Specialized Equipment	5,000	5,000	-
Subtotal	5,000	5,000	-
Account 2301`2309 - Small Tools and Instruments			
Miscellaneous Small Tools	10,503	10,503	-
Subtotal	10,503	10,503	-
S&S: Heavy Fire Equipment	15,503	15,503	-
Total S&S: Crews and Equipment	49,803	49,803	-
Total S&S and Equipment: Operations Support	788,958	2,404,612	1,305,654

OPERATIONS DEPARTMENT
PUBLIC INFORMATION OFFICE & MEDIA RELATIONS
ORG 1460, 4431, 4449 & H800

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Public Information Office (Org 1460)			
Account 1601 - Memberships			
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	-
Subtotal	975	975	-
Account 1801`1810 - Office Expense			
Media (Subscriptions/Guides)	750	750	-
Miscellaneous Supplies	1,450	1,450	-
Subtotal	2,200	2,200	-
Account 2701`2703 - Travel, Training and Meetings			
California State Fire Marshal Classes	2,000	2,000	-
CSTI Training - PIO	1,200	1,200	-
Subtotal	3,200	3,200	-
S&S: Public Information Office	6,375	6,375	-
Community Relations (Org 4431)			
Account 1301`1302 - Maintenance/Repair - Equipment			
Miscellaneous Maintenance	1,500	1,500	-
Subtotal	1,500	1,500	-
Account 1801`1810 - Office Expense			
Smoke Alarm Program	3,500	3,500	-
Subtotal	3,500	3,500	-
Account 2401`2409 - Special Department Expense			
Department Marketing Materials	17,000	17,000	-
Educ. Materials for Various Events	10,954	10,954	-
Subtotal	27,954	27,954	-
S&S: Community Relations	32,954	32,954	-

OPERATIONS DEPARTMENT

PUBLIC INFORMATION OFFICE & MEDIA RELATIONS

ORG 1460, 4431, 4449 & H800

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Community Education Programs (Org 4449)			
Account 2401`2409 - Special Department Expense			
Marketing/Educational Materials	57,700	57,700	-
S&S: Community Education Program	57,700	57,700	-
RFOTC Open House (Org H800)			
Account 2401`2409 - Special Department Expense			
Special Department Expense	11,000	11,000	-
S&S: RFOTC Open House	11,000	11,000	-
Total S&S: Public Information Office & Media Relations	108,029	108,029	-

OPERATIONS DEPARTMENT
COMMUNICATIONS & LEGISLATIVE AFFAIRS
 ORG 3360

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Legislative Affairs (Org 3360)			
Account 1601 - Memberships			
California Fire Chiefs Association	125	125	-
Subtotal	125	125	-
Account 1901`1908 - Prof. and Specialized Services			
Government Consulting Services (State)	69,000	69,000	-
Legislative Consultant (Federal)	57,000	57,000	-
State Net	2,500	2,500	-
Roper Consulting	25,000	20,000	(5,000)
Subtotal	153,500	148,500	(5,000)
Account 2701`2703 - Travel, Training and Meetings			
Travel	14,000	14,000	-
Subtotal	14,000	14,000	-
S&S: Legislative Affairs	167,625	162,625	(5,000)
Total S&S: Communications & Legislative Affairs	167,625	162,625	(5,000)



ORANGE COUNTY FIRE AUTHORITY
ORGANIZATIONAL PLANNING DEPARTMENT S&S SUMMARY
FY 2018/19 BUDGET

Sections	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Organizational Development and Training	\$115,175	\$115,175	-
Strategic Services	28,970	28,970	-
Training and Safety Services			
Training & Safety [1]	450,562	429,562	(21,000)
CA FF Joint Apprenticeship Committee	150,000	150,000	-
Multi Media	34,000	34,000	-
Training - Human Resources [2]	-	5,000	5,000
Total Training and Safety Services	634,562	618,562	(16,000)
Department Total	\$778,707	\$762,707	(\$16,000)

Grant funding and one-time items are not included in the FY 2017/18 base budget.

[1] \$21K decrease in Training & Safety is due to a permanent transfer to Operations Support in the Operations Dept.

[2] \$5K increase for Training - Human Resources to establish a base budget for a new section in T&S.

ORGANIZATIONAL PLANNING DEPARTMENT
ORGANIZATIONAL DEVELOPMENT AND TRAINING SECTION
ORG 7721

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1601 - Memberships			
Misc. Memberships	1,000	1,000	-
ASTC	175	175	-
Subtotal	1,175	1,175	-
Account 1901`1908 - Prof. and Specialized Services			
Training Initiatives	74,000	74,000	-
Training Consultants	25,000	25,000	-
Subtotal	99,000	99,000	-
Account 2701`2703 - Travel, Training and Meetings			
Misc. Training and Seminars	9,000	9,000	-
Research and Analysis Training	1,000	1,000	-
Computer Training	5,000	5,000	-
Subtotal	15,000	15,000	-
Total S&S: Org. Training & Development	115,175	115,175	-

ORGANIZATIONAL PLANNING DEPARTMENT
STRATEGIC SERVICES SECTION
ORG 4701

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1801`1809 - Office Expense			
Map Reproduction	1,000	1,000	-
Petty Cash - Misc. Supplies	1,400	1,400	-
Misc. Office Supplies	2,530	2,530	-
Subtotal	4,930	4,930	-
Account 1901`1908 - Prof. and Specialized Services			
Statistical Analysis Materials	5,000	5,000	-
Subtotal	5,000	5,000	-
Account 2401 - 2409 - Special Department Expense			
Demonstration Materials/Modeling/Forecasting	6,000	6,000	-
Subtotal	6,000	6,000	-
Account 2701`2703 - Travel, Training and Meetings			
GIS Training	500	500	-
Misc. Training and Seminars	2,500	2,500	-
Research and Analysis Training	1,000	1,000	-
Statistical Analysis Training	1,000	1,000	-
Training/Travel/Mileage	8,040	8,040	-
Subtotal	13,040	13,040	-
Total S&S: Strategic Services Section	28,970	28,970	-

ORGANIZATIONAL PLANNING DEPARTMENT
TRAINING AND SAFETY SERVICES
ORG 1440, 1448, 1450 & 6000

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Training and Safety (Org 1440)			
Account 1101 - Food			
Training Seminar Meals/FF Graduations	13,000	13,000	-
Subtotal	13,000	13,000	-
Account 1601 - Memberships			
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 Training Officers Association	400	400	-
OC Training Officers Association	61	61	-
Subtotal	771	771	-
Account 1801'1809 - Office Expense			
Books & Training Materials Grouped	27,000	27,000	-
Subscriptions	3,500	3,500	-
Subtotal	30,500	30,500	-
Account 1901'1908 - Prof. and Specialized Services			
Rancho Santiago Library	1,191	1,191	-
Subtotal	1,191	1,191	-
Account 2401'2409 - Special Department Expense			
Miscellaneous 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	-
Subtotal	22,000	22,000	-
Account 2701'2703 - Travel, Training and Meetings			
California Training Officer's Conference	6,100	6,100	-
Various ICS Courses	21,000	-	(21,000)
Various NFA Courses	3,750	3,750	-
Various Training Courses	19,000	19,000	-
Training Opportunities	300,250	300,250	-
Subtotal	350,100	329,100	(21,000)

ORGANIZATIONAL PLANNING DEPARTMENT
TRAINING AND SAFETY SERVICES
ORG 1440, 1448, 1450 & 6000

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 2801' 2805 - Utilities			
Live Fire Prop Supplies	33,000	33,000	-
Subtotal	33,000	33,000	-
S&S: Training and Safety	450,562	429,562	(21,000)

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

Account 2401' 2409 - Special Department Expense			
Miscellaneous Expenditures	150,000	150,000	-
Subtotal	150,000	150,000	-
S&S: CFFJAC	150,000	150,000	-

Multi Media (Org 1450)

Account 1301' 1302 - Maintenance/Repair - Equipment			
Audio Visual Equipment Repair	3,000	3,000	-
Miscellaneous Maintenance	1,000	1,000	-
Subtotal	4,000	4,000	-
Account 1801' 1809 - Office Expense			
Software	6,000	6,000	-
Subtotal	6,000	6,000	-
Account 2101 - Rents and Leases - Equipment			
Audio Visual Equipment Rental	4,000	4,000	-
Subtotal	4,000	4,000	-
Account 2401' 2409 - Special Department Expense			
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	-
Subtotal	17,000	17,000	-
Account 2701' 2703 - Travel, Training and Meetings			
Audio Visual Specialist Training	3,000	3,000	-
Subtotal	3,000	3,000	-
S&S: Multi Media	34,000	34,000	-

ORGANIZATIONAL PLANNING DEPARTMENT
TRAINING AND SAFETY SERVICES
ORG 1440, 1448, 1450 & 6000

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Training - Human Resources (Org 6000)			
Account 1801`1809 - Office Expense			
Miscellaneous Expenditures	-	1,500	1,500
Subtotal	-	1,500	1,500
Account 2701`2703 - Travel, Training and Meetings			
Misc Travel/Training	-	3,500	3,500
Subtotal	-	3,500	3,500
S&S: Training - Human Resources	-	5,000	5,000
Total S&S: Training and Safety	634,562	618,562	(16,000)

ORANGE COUNTY FIRE AUTHORITY
SUPPORT SERVICES DEPARTMENT S&S SUMMARY
FY 2018/19 BUDGET

Divisions/Sections	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Emergency Command Center			
Emergency Command Center	\$68,979	\$66,979	(\$2,000)
Total Emergency Command Center [1]	<u>68,979</u>	<u>66,979</u>	<u>(2,000)</u>
Fleet Services			
Fleet Services	3,173,511	3,358,511	185,000
Total Fleet Services [2]	<u>3,173,511</u>	<u>3,358,511</u>	<u>185,000</u>
Information Technology Division			
Communications & IT Infrastructure	2,061,452	1,813,437	(248,015)
Systems Development & Support	1,661,698	1,472,058	(189,640)
Communications & Workplace Support	1,352,489	1,573,685	221,196
GIS & Mapping	710,549	667,008	(43,541)
Total Information Technology Division [3]	<u>5,786,188</u>	<u>5,526,188</u>	<u>(260,000)</u>
Property Management			
Property Management	4,817,031	5,052,031	235,000
Total Property Management [4]	<u>4,817,031</u>	<u>5,052,031</u>	<u>235,000</u>
Department Total	<u><u>\$13,845,709</u></u>	<u><u>\$14,003,709</u></u>	<u><u>\$158,000</u></u>

Grant funding and one-time items are not included in the FY 2017/18 base budget.

[1] \$2K permanently transferred from Emergency Command Center to Human Resources Division.

[2] Increase in repairs/maintenance of fire apparatus (\$150K) plus a one-time increase for a heavy duty parts washer (\$35K).

[3] \$260K of contract services budget permanently transferred from Information Technology Division to Finance Division.

[4] Increase is due to one-time preventative roof maintenance (\$110K) and Plymovent vehicle exhaust systems (\$125K) of fire stations.

SUPPORT SERVICES DEPARTMENT
EMERGENCY COMMAND CENTER
ORG 4420

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1301`1302 - Maintenance/Repair - Equipment			
Logistics Trailer Support	3,800	3,800	-
Comm. Center Maintenance	21,000	21,000	-
Headset Repairs	6,000	5,500	(500)
ECC A/V Maintenance	6,000	5,500	(500)
Subtotal	36,800	35,800	(1,000)
Account 1601 - Memberships			
APCO	480	480	-
OCFA Communications Officers	35	35	-
CALNENA	500	500	-
Cal Chiefs Communication Division	100	100	-
Subtotal	1,115	1,115	-
Account 1801`1810 - Office Expense			
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)	5,000	4,500	(500)
Printer/Fax Supplies	2,000	2,000	-
Software	1,000	1,000	-
EMD/CBD	5,142	4,642	(500)
Subtotal	19,842	18,842	(1,000)
Account 1901`1908 - Prof. and Specialized Services			
Hospital Association of Southern California	4,000	4,000	-
Subtotal	4,000	4,000	-
Account 2701`2703 - Travel, Training and Meetings			
Dispatcher Training & Travel	7,222	7,222	-
Subtotal	7,222	7,222	-
Total S&S: Emergency Command Center	68,979	66,979	(2,000)

SUPPORT SERVICES DEPARTMENT
FLEET SERVICES SECTION
ORG 4450 & 4459

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Fleet Services (Org 4450)			
Account 1001 - Clothing and Personal Supplies			
Uniform Service	10,000	10,000	-
Subtotal	10,000	10,000	-
Account 1301`1302 - Maintenance/Repair - Equipment			
Misc. Shop Equipment	9,500	9,500	-
Pressure Washer Maintenance	2,000	2,000	-
Fleet Services Software Maintenance	15,000	15,000	-
Subtotal	26,500	26,500	-
Account 1601 - Memberships			
Misc. Memberships (i.e. MEMA & Cal Fire)	340	340	-
Subtotal	340	340	-
Account 1801`1810 - Office Expense			
Misc. Office Expense	3,890	3,890	-
Subtotal	3,890	3,890	-
Account 1901`1908 - Prof. and Specialized Services			
Drive Off Service	5,000	5,000	-
Parts Washer Service	2,000	2,000	-
Reclamation Environmental Services	2,500	2,500	-
Subtotal	9,500	9,500	-
Account 2300 - Small Tools and Instruments			
Tool Reimbursement	31,550	31,550	-
Sub-total	31,550	31,550	-
Account 2401`2409 - Special Dept Expense			
DMV Fees	1,800	1,800	-
Subtotal	1,800	1,800	-
Account 2601`2602 - Transportation			
Gasoline	11,760	11,760	-
Subtotal	11,760	11,760	-

SUPPORT SERVICES DEPARTMENT
FLEET SERVICES SECTION
ORG 4450 & 4459

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 2701`2703 - Travel, Training and Meetings			
Training	54,880	54,880	-
Subtotal	54,880	54,880	-
S&S: Fleet Services	150,220	150,220	-

Equipment Expense:

Account 4000 - Equipment			
Heavy Duty Parts Washer (one-time)	-	35,000	35,000
Subtotal	-	35,000	35,000
Equipment: Fleet Services	-	35,000	35,000
S&S & Equipment: Fleet Services	150,220	185,220	35,000

Automotive Stock (Org 4459)

Account 1301`1302 - Maintenance/Repair - Equipment

Air Utility Services	1,500	1,500	-
Antifreeze	11,500	13,500	2,000
DEF	-	10,000	10,000
Auto Glass Service	1,300	1,300	-
Batteries (Vehicle)	70,000	95,000	25,000
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)	40,000	45,000	5,000
Code 3 Equipment/Light Bar	40,000	25,000	(15,000)
Diesel Engine Service & Repair	38,000	38,000	-
Dozer Parts & Service	28,000	28,000	-
Ford Parts & Repairs	116,500	100,000	(16,500)
Generator Parts	3,000	3,000	-
Heavy & Light Apparatus PM	120,000	270,000	150,000
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)	65,000	75,000	10,000
Tires Parts & Labor	325,000	400,000	75,000
Towing Heavy/Light	4,000	6,000	2,000

SUPPORT SERVICES DEPARTMENT
FLEET SERVICES SECTION
ORG 4450 & 4459

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Transmission Repairs & Services	60,000	60,000	-
Upholstery	8,000	8,000	-
International Truck Parts	35,000	70,000	35,000
Battery Chargers/Electric	18,000	25,000	7,000
Fleet Services Software Maintenance	11,600	-	(11,600)
Subtotal	1,405,688	1,698,688	293,000
Account 1901`1908 - Prof. and Specialized Services			
Aerial Recertification	36,450	36,450	-
Drive Off Service	550	550	-
Parts Washer Service	3,000	3,000	-
Subtotal	40,000	40,000	-
Account 2601`2602 - Transportation			
Diesel Fuel	700,000	630,000	(70,000)
Fuel Credit Cards	485,000	435,000	(50,000)
Gasoline	392,603	369,603	(23,000)
Subtotal	1,577,603	1,434,603	(143,000)
S&S: Automotive Stock	3,023,291	3,173,291	150,000
Total S&S and Equipment: Fleet Services	3,173,511	3,358,511	185,000

SUPPORT SERVICES DEPARTMENT
INFORMATION TECHNOLOGY DIVISION
ORG 3380, 4350, 4423 and 4355

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Communications & IT Infrastructure (Org 3380)			
Account 1051 - Communications			
Utility Service for Phone Lines/Data Circuit	522,000	550,000	28,000
Cable Services	4,800	4,800	-
Satellite TV Services	2,000	2,000	-
Language Line	100	100	-
US&R Warehouse	2,400	2,400	-
Subtotal	531,300	559,300	28,000
Account 1301`1302 - Maintenance/Repair - Equipment			
Network Router/switch Maintenance	101,000	101,000	-
Server Operating Sys. Software	19,588	19,588	-
Remote Connection Maintenance	7,600	7,600	-
Contract Services	14,817	14,817	-
Internet Service Providers	52,800	52,800	-
Network S/W Maintenance	16,626	30,000	13,374
Anti-Virus/Anti-Spam	11,130	36,000	24,870
Server Hardware	51,999	51,999	-
Storage Area Network	43,000	43,000	-
Maintenance for RFOTC Telephone Systems	73,027	50,000	(23,027)
County of Orange-800 MHz Partnership Costs	374,690	374,690	-
Antivirus Maintenance	9,500	9,500	-
911 Voice Recording Maintenance	8,339	11,000	2,661
Offsite Data Storage	19,000	19,000	-
Email Enterprise backup	35,000	35,000	-
VPN Maintenance	25,000	25,000	-
Virtualization Maintenance	25,000	25,000	-
Telephone Maintenance	12,000	12,000	-
Fire Station Alerting System Maintenance	60,560	65,000	4,440
Subtotal	960,676	982,994	22,318
Account 1801`1810 - Office Expense			
IT Office Supplies & Software	-	17,289	17,289
Subtotal	-	17,289	17,289
Account 1901`1908 - Prof. and Specialized Services			
Computer Room Maintenance	7,972	7,972	-
Network Engineering Services	18,000	50,000	32,000
Storage of Network Backup	5,000	5,000	-
Station Alerting Custom Programming	25,000	25,000	-
Station Alerting Repairs (electrician)	25,000	75,000	50,000
County of Orange 800 MHz Cost Sharing Allocation	397,622	-	(397,622)
Subtotal	478,594	162,972	(315,622)

SUPPORT SERVICES DEPARTMENT
INFORMATION TECHNOLOGY DIVISION

ORG 3380, 4350, 4423 and 4355

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 2401`2409 - Special Dept Expense			
Telephone Parts	35,000	35,000	-
Network & Equipment Room Parts & Supplies	30,000	30,000	-
Subtotal	65,000	65,000	-
Account 2701`2703 - Travel, Training and Meetings			
Training/Travel	16,000	16,000	-
Staff Technical Training	9,882	9,882	-
Subtotal	25,882	25,882	-
S&S: Communications & IT Infrastructure	2,061,452	1,813,437	(248,015)
Systems Development & Support (Org 4350)			
Account 1301`1302 - Maintenance/Repair - Equipment			
RMS Maintenance	71,277	71,277	-
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	365,614	371,000	5,386
Moveup Software Maintenance	75,000	75,000	-
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	-
Subtotal	905,624	911,010	5,386
Account 1801`1810 - Office Expense			
IT Office Supplies & Software	2,500	10,000	7,500
Microsoft Software Enterprise Agreement	324,526	382,000	57,474
Pulsepoint Maintenance Contract	28,000	28,000	-
Subtotal	355,026	420,000	64,974
Account 1901`1908 - Prof. and Specialized Services			
Staffing Timekeeping Maintenance	260,000	-	(260,000)
Public Safety Systems Programming	50,000	50,000	-
Intranet/Internet Calendar Development	50,000	50,000	-
Subtotal	360,000	100,000	(260,000)

SUPPORT SERVICES DEPARTMENT
INFORMATION TECHNOLOGY DIVISION

ORG 3380, 4350, 4423 and 4355

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 2701`2703 - Travel, Training and Meetings			
Travel/Training	29,048	29,048	-
Staff Technical Training	12,000	12,000	-
Subtotal	41,048	41,048	-
S&S: Systems Development & Support	1,661,698	1,472,058	(189,640)
Communications & Workplace Support (Org 4423)			
Account 1051 - Communications			
Mobile Telephone Service	625,287	650,000	24,713
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	-
Subtotal	689,490	714,203	24,713
Account 1301`1302 - Maintenance/Repair - Equipment			
Communication Equipment Maintenance	120,317	140,000	19,683
High Speed Printer Maintenance	4,225	4,225	-
Help Desk Software Maintenance	20,534	20,534	-
QPCS - AVL System Management Service	5,100	5,100	-
Subtotal	150,176	169,859	19,683
Account 1801`1810 - Office Expense			
Packing & Office Supplies/Equipment Storage	55,640	55,640	-
Software (annual), Small Equipment Purchases	20,000	20,000	-
Subtotal	75,640	75,640	-
Account 1901`1908 - Prof. and Specialized Services			
Professional Services	396,583	396,583	-
Comm. Installation/Vehicle Replacement	30,000	50,000	20,000
Subtotal	426,583	446,583	20,000
Account 2201 - Rents and Leases - Facilities			
CHF Repeater Site Leases	-	6,800	6,800
Subtotal	-	6,800	6,800
Account 2301`2309 - Small Tools and Instruments			
Misc. Parts/Tech Tools/Supplies	4,600	4,600	-
Subtotal	4,600	4,600	-
Account 2401`2409 - Special Dept Expense			
Fabrication and Supplies	-	150,000	150,000
Subtotal	-	150,000	150,000

SUPPORT SERVICES DEPARTMENT
INFORMATION TECHNOLOGY DIVISION

ORG 3380, 4350, 4423 and 4355

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 2701`2703 - Travel, Training and Meetings			
Training	6,000	6,000	-
Subtotal	6,000	6,000	-
S&S: Communications & Workplace Support	1,352,489	1,573,685	221,196
GIS & Mapping (Org 4355)			
Account 1301`1302 - Maintenance/Repair - Equipment			
Misc. Software Maintenance	3,968	3,968	-
Win 2 Data Subscription	1,000	1,000	-
Geospatial Software Maintenance	62,541	66,000	3,459
Digital Pen	750	750	-
Subtotal	68,259	71,718	3,459
Account 1801`1810 - Office Expense			
Office/Printer Supplies	20,000	13,000	(7,000)
Compucom	1,110	1,110	-
Subtotal	21,110	14,110	(7,000)
Account 1901`1908 - Prof. and Specialized Services			
Professional Services	500,000	500,000	-
ESRI Professional Services	27,443	10,000	(17,443)
Geospatial Professional Services	72,557	50,000	(22,557)
Subtotal	600,000	560,000	(40,000)
Account 2701`2703 - Travel, Training and Meetings			
Travel/Training	10,000	10,000	-
Training	11,180	11,180	-
Subtotal	21,180	21,180	-
S&S: GIS & Mapping	710,549	667,008	(43,541)
Total S&S: Information Technology Division	5,786,188	5,526,188	(260,000)

SUPPORT SERVICES DEPARTMENT
PROPERTY MANAGEMENT SECTION

SUB-FUND 12150 - ORG 3365 and M Orgs

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
<u>SERVICES & SUPPLIES:</u>			
Account 1151- Household Expenses			
Appliances Replacement	25,000	25,000	-
Furniture Replacement	25,000	25,000	-
Subtotal	50,000	50,000	-
Account 1301`1302 - Maintenance/Repair - Equipment			
Air Compressor Maintenance & Repairs	5,000	5,000	-
Exhaust Collection System Maintenance (\$125K:one-time)	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	-
Subtotal	264,500	389,500	125,000
Account 1402 - Building Maintenance/Repair			
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 (\$110K is one-time incr. for FY 2018/19)	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	-
Subtotal	1,477,000	1,587,000	110,000
Account 1406 - Building Services			
RFOTC Maintenance & Custodial Services	175,000	175,000	-
Pest Control	40,000	40,000	-
Subtotal	215,000	215,000	-

SUPPORT SERVICES DEPARTMENT
PROPERTY MANAGEMENT SECTION

SUB-FUND 12150 - ORG 3365 and M Orgs

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 1407 - Grounds			
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	-
Subtotal	98,000	98,000	-
Account 1901'1908 - Prof. and Specialized Services			
US&R Warehouse-Security Service	3,000	3,000	-
US&R Warehouse-Common Area Maintenance(CAM)	20,000	20,000	-
Subtotal	23,000	23,000	-
Account 2201 - Rents and Leases - Facilities			
Station #6 - Irvine	1	1	-
Station #13 - La Palma	1	1	-
Station #17 - Tri-Cities	1	1	-
Station #18 - Trabuco	1	1	-
Station #34 - Placentia	1	1	-
Station #35 - Placentia	1	1	-
Station #36 - Irvine	1	1	-
Station #37 - Tustin	1	1	-
Station #41 - Fullerton, Hangar Lease	85,000	85,000	-
Station #41 - Fullerton, Tower	25,000	25,000	-
Station #43 - Tustin	1	1	-
Station #44 - Seal Beach	1	1	-
Station #46 - Stanton	1	1	-
Station #48 - Seal Beach	1	1	-
Station #50 - San Clemente	1	1	-
Station #59 - San Clemente	1	1	-
Station #60 - San Clemente	1	1	-
Station #61 - Buena Park	1	1	-
Station #62 - Buena Park	1	1	-
Station #63 - Buena Park	1	1	-
Station #64 - Westminster	1	1	-
Station #65 - Westminster	1	1	-
Station #66 - Westminster	1	1	-
Station #70 - Santa Ana	1	1	-
Station #71 - Santa Ana	1	1	-
Station #72 - Santa Ana	1	1	-
Station #73 - Santa Ana	1	1	-
Station #74 - Santa Ana	1	1	-
Station #75 - Santa Ana	1	1	-
Station #76 - Santa Ana	1	1	-
Station #77 - Santa Ana	1	1	-
Station #78 - Santa Ana	1	1	-
Station #79 - Santa Ana	1	1	-
Subtotal	110,031	110,031	-

SUPPORT SERVICES DEPARTMENT
PROPERTY MANAGEMENT SECTION

SUB-FUND 12150 - ORG 3365 and M Orgs

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Account 2701`2703 - Travel, Training and Meetings			
Staff Development and Training	1,000	1,000	-
Subtotal	1,000	1,000	-
Account 2801`2805 - Utilities			
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	-
Subtotal	2,278,500	2,278,500	-
Account 3701 - Taxes and Assessments			
Sewer Assessment	30,000	30,000	-
Subtotal	30,000	30,000	-
Cash Contract Cities - John Wayne Airport (Org M033)			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - JWA FS33	10,000	10,000	-
Subtotal	10,000	10,000	-
Cash Contract Cities - Placentia (Org M100)			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Placentia	20,000	20,000	-
Subtotal	20,000	20,000	-
Cash Contract Cities - Tustin (Org M200)			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Tustin	20,000	20,000	-
Subtotal	20,000	20,000	-

SUPPORT SERVICES DEPARTMENT
PROPERTY MANAGEMENT SECTION

SUB-FUND 12150 - ORG 3365 and M Orgs

Item Description	2017/18 Base Budget	2018/19 Request	\$ Change fr 2017/18 Base Budget
Cash Contract Cities - Seal Beach (Org M300)			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Seal Beach	20,000	20,000	-
Subtotal	20,000	20,000	-
Cash Contract Cities - Stanton (Org M400)			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Stanton	10,000	10,000	-
Subtotal	10,000	10,000	-
Cash Contract Cities - San Clemente (Org M500)			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - San Clemente	30,000	30,000	-
Subtotal	30,000	30,000	-
Cash Contract Cities - Buena Park (Org M600)			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Buena Park	30,000	30,000	-
Subtotal	30,000	30,000	-
Cash Contract Cities - Westminster (Org M700)			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Westminster	30,000	30,000	-
Subtotal	30,000	30,000	-
Cash Contract Cities - Santa Ana (Org M800)			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Santa Ana	100,000	100,000	-
Subtotal	100,000	100,000	-
Total S&S: Property Management	4,817,031	5,052,031	235,000



Capital Improvement Plan Overview

Introduction

The Orange County Fire Authority's Capital Improvement Program (CIP) has been reviewed and updated through FY 2022/23 to coincide with the FY 2018/19 budget. The proposed FY 2018/19 CIP budget is \$34.1 million.

The proposed CIP budget for FY 2018/19 reflects a net increase of \$11.4 million compared to the prior five-year CIP budget. Projects include the replacement of Fire Station 9 in Mission Viejo (\$6.0M), replacement of Fire Station 10 in Yorba Linda (\$3.75M), 800 MHz Countywide Coordinated Communications System replacement (\$3.5M), Community Risk Reduction (CRR) Automation – Integrated Fire Prevention (IFP) application replacement (\$2.3M), RFOTC Training Grounds Expansion and Upgrade (\$2.8M), Audio Video Equipment upgrade (\$1.5M), the purchase of six Type I engines (\$3.8M), and one Air Utility (\$483K).

A total of \$8.9M was rebudgeted for the CRR automation (IFP) replacement project from FY 2017/18 to FY 2018/19 (\$1.4M), and for the replacement of Fire Station 10 in Yorba Linda from FY 2017/18 to FY 2018/19 and FY 2019/20 (\$3.75M for each respective fiscal year).

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.

CIP Highlights

Fund 12110 – General Fund CIP

FY 2018/19 Budget Request - \$4.1M includes:

- \$550K for thermal imaging cameras
 - \$500K for station bathroom gender compliance
 - \$460K for the mobile data computer (MDC) systems
 - \$410K for network, servers and security
 - \$300K for fire station paging/public address system
 - \$328K for fire station telephone/alarm/sound system upgrades
 - \$290K for RFOTC administrative phone system
 - \$260K for Fires Station 26 kitchen, flooring and bathroom remodel
 - \$202K for personal computer (PC)/laptop/printer replacement
-

Fund 123 – Fire Stations and Facilities

FY 2018/19 Budget Request - \$14.1M includes:

- \$6.0M for replacement of Fire Station 9 (Mission Viejo)
 - \$3.75M for replacement of Fire Station 10 (Yorba Linda)
 - \$2.8M for RFOTC training grounds expansion and upgrade
 - \$500K for Fire Station 49 apparatus bay floor reconstruction
 - \$500K for infrastructure security enhancements
-

Fund 124 – Communications & Information Systems

FY 2018/19 Budget Request - \$7.7M includes:

- \$3.5M for 800 MHz countywide coordinated communication system (CCCS) upgrade
 - \$2.3M for replacement of the CRR – Integrated Fire Prevention application
 - \$1.5M for OCFA Enterprise audio video equipment upgrades
-

Fund 133 – Fire Apparatus

FY 2018/19 Budget Request - \$8.1M includes:

- emergency vehicles include the purchase of six Type I engines (\$3.8M), one air utility (\$483K), and seven 3/4 ton pickup utility vehicles (\$329K)
 - purchase of two developer-funded vehicles (\$1.0M)
 - purchase of fifteen support vehicles (\$854K)
 - debt payments towards the lease-purchase agreement for the helicopters (\$1.3M)
-

Capital Improvement Program Overview

ORANGE COUNTY FIRE AUTHORITY
CAPITAL IMPROVEMENT PROGRAM
FIVE-YEAR PLAN SUMMARY FY 2018/19 - FY 2022/23

Fund	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Year TOTAL
<i>Fund 12110</i> General Fund CIP	\$4,121,700	\$2,903,700	\$5,020,700	\$3,340,100	\$1,302,900	\$16,689,100
<i>Fund 123</i> Fire Stations and Facilities	14,120,000	19,350,000	9,175,000	7,000,000	-	49,645,000
<i>Fund 124</i> Communications and Information Systems	7,734,148	3,046,511	540,000	-	-	11,320,659
<i>Fund 133</i> Fire Apparatus	8,145,951	7,805,871	4,913,273	4,714,815	5,299,737	30,879,647
GRAND TOTAL	\$34,121,799	\$33,106,082	\$19,648,973	\$15,054,915	\$6,602,637	\$108,534,406
Less: Non-discretionary lease installment payments	1,265,862	-	-	-	-	1,265,862
TOTAL CIP PROJECTS	\$32,855,937	\$33,106,082	\$19,648,973	\$15,054,915	\$6,602,637	\$107,268,544

FY 2018/19 - FY 2022/23 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 2017/18 *
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GENERAL FUND CIP - FUND 12110
IT Division

1	A	800 MHz Radios	\$238,071
2	A	900 MHz Pagers/Small Equipment/Personal Communications	41,600
3	A	Data Storage, Backup, and Recovery	126,569
4	A	Fire Station Paging/Public Address System	-
5	A	Fire Station Telephone/Alarm/Sound System Upgrades	558,240
6	A	Mobile Data Computer (MDC) System	242,138
7	A	Network, Servers, Security	486,083
8	A	Personal Computer (PC)/Tablets/Printer Replacements	356,851
9	A	RFOTC Administrative Phone System	-
10	A	VHF Radios	45,229
11	B	Digital Orthophotography	-
12	B	RFOTC Uninterruptible Power System (UPS) Replacement	-

Operations Department

13	A	Cardiac Monitors and AED	-
14	A	High Pressure Airbags	-
15	A	Thermal Imaging Cameras	-
16	A	Fire Shelters	-
17	A	Gas Monitors	-
18	A	SCBA (645 Airpacks)	-
19	A	Portable Fire Pumps	-
20	CY	Extrication Tools	666,293
21	CY	Weather/Fire Monitoring Equipment Remote Cameras	250,000
22	CY	Weather/Fire EOC Upgrade	100,000

Property Management

23	A	Station Bathroom Gender Compliance	-
24	A	Fire Station 26 Kitchen, Flooring and Bathroom Remodel	-
		Total - Fund 12110	\$3,111,074

Project Priority: A=Essential; B=Important; C=Could Defer; CY=Current Year's project

* Adjusted FY 2017/18 budget includes proposed mid-year budget adjustments

Capital Improvement Program Overview

Item No.	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Year TOTAL
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1	\$85,500	\$31,500	\$27,000	\$40,000	\$40,000	\$224,000
2	41,600	41,600	41,600	41,600	41,600	208,000
3	96,000	396,000	96,000	96,000	96,000	780,000
4	300,000	-	-	-	-	300,000
5	328,000	328,000	400,000	500,000	500,000	2,056,000
6	460,000	460,000	55,800	48,000	55,800	1,079,600
7	410,000	160,000	160,000	160,000	160,000	1,050,000
8	202,500	202,500	652,500	202,500	202,500	1,462,500
9	290,000	-	-	-	-	290,000
10	22,100	9,100	7,800	12,000	15,000	66,000
11	80,000	-	80,000	-	80,000	240,000
12	100,000	100,000	400,000	100,000	100,000	800,000

13	126,000	-	-	-	-	126,000
14	170,000	-	-	-	-	170,000
15	550,000	550,000	-	-	-	1,100,000
16	100,000	100,000	100,000	140,000	-	440,000
17	-	25,000	-	-	-	25,000
18	-	-	2,500,000	2,000,000	-	4,500,000
19	-	-	-	-	12,000	12,000
20	-	-	-	-	-	-
21	-	-	-	-	-	-
22	-	-	-	-	-	-

23	500,000	500,000	500,000	-	-	1,500,000
24	260,000	-	-	-	-	260,000
	\$4,121,700	\$2,903,700	\$5,020,700	\$3,340,100	\$1,302,900	\$16,689,100

FY 2018/19 - FY 2022/23 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 2017/18 *
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FIRE STATIONS & FACILITIES - FUND 123

1	A	Fire Station 67 (Rancho Mission Viejo)	Developer Build
2	A	Replacement of Fire Station 9 (Mission Viejo)	500,000
3	A	Replacement of Fire Station 10 (Yorba Linda)	-
4	A	RFOTC Training Grounds Expansion and Upgrade	-
5	A	Fire Station 49 Apparatus Bay Floor Reconstruction	-
6	A	Infrastructure Security Enhancements	500,000
7	A	US&R Warehouse/Training Center Improvements	200,000
8	A	Retrofit Existing Station Fire Life Safety Systems	-
9	A	Replacement of Fire Station 18 (Trabuco Canyon)	-
10	A	Construction of new Fire Station 52 (Irvine Business District)	-
11	A	Construction of new Fire Station 12 (Laguna Woods)	-
12	A	Replacement of Fire Station 25 (Midway City)	-
13	B	RFOTC 2nd Emergency Generator	-
14	CY	Fire Station 61 (Buena Park) - City Build	City Build
15	CY	Site Stabilization Fire Station 42 (Lake Forest)	800,000
16	CY	Vehicle Sheds Fire Station 18	100,000
17	CY	US&R Warehouse - Phase 1	414,115
		Total - Fund 123	\$2,514,115

Project Priority: A=Essential; B=Important; C=Could Defer; CY=Current Year's project

* Adjusted FY 2017/18 budget includes proposed mid-year budget adjustments

Capital Improvement Program Overview

Item No.	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Year TOTAL
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1	Developer Build	-	-	-	-	-
2	6,000,000	-	-	-	-	6,000,000
3	3,750,000	3,750,000	-	-	-	7,500,000
4	2,825,000	1,100,000	2,675,000	-	-	6,600,000
5	500,000	1,000,000	-	-	-	1,500,000
6	500,000	500,000	-	-	-	1,000,000
7	275,000	-	-	-	-	275,000
8	270,000	-	-	-	-	270,000
9	-	6,500,000	-	-	-	6,500,000
10	-	6,500,000	-	-	-	6,500,000
11	-	-	6,500,000	-	-	6,500,000
12	-	-	-	6,500,000	-	6,500,000
13	-	-	-	500,000	-	500,000
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
	\$14,120,000	\$19,350,000	\$9,175,000	\$7,000,000	-	\$49,645,000

FY 2018/19 - FY 2022/23 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 2017/18 *
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COMMUNICATIONS & INFORMATION SYSTEMS - FUND 124

1	A	800 MHz Countywide Coordinated Comm. Sys. Upgrade	\$750,516
2	A	Community Risk Reduction Automation - IFP Replacement	-
3	A	Incident Reporting Application Replacement	900,000
4	B	OCFA Enterprise Audio Video Equipment Upgrades	150,000
5	B	OCFA Disaster Recovery Co-Location Facility	1,000,000
6	B	Fleet Services Fuel Management Tracking System	-
7	CY	Next Generation CAD2CAD	450,000
8	CY	RFOTC Data Center Fire Suppression System Upgrade	1,000,000
		<i>Total - Fund 124</i>	\$4,250,516

FIRE APPARATUS - FUND 133

1	A	Lease Purchase Financing: Principal & Interest	\$2,531,723
2	A/B	Emergency Vehicles	7,230,712
3	A	Developer Funded Vehicles	-
4	A/B	Support Vehicles	1,673,064
		<i>Total - Fund 133</i>	\$11,435,499

		GRAND TOTAL - ALL CIP FUNDS	\$21,311,204
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Project Priority: A=Essential; B=Important; C=Could Defer; CY=Current Year's project
 * Adjusted FY 2017/18 budget includes proposed mid-year budget adjustments

Capital Improvement Program Overview

Item No.	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Year TOTAL
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1	\$3,539,250	-	-	-	-	\$3,539,250
2	2,294,898	905,117	-	-	-	3,200,015
3	400,000	-	-	-	-	400,000
4	1,500,000	540,000	540,000	-	-	2,580,000
5	-	1,000,000	-	-	-	1,000,000
6	-	601,394	-	-	-	601,394
7	-	-	-	-	-	-
8	-	-	-	-	-	-
	\$7,734,148	\$3,046,511	\$540,000	-	-	\$11,320,659

1	\$1,265,862	-	-	-	-	\$1,265,862
2	5,009,574	5,890,976	4,007,700	3,609,653	5,299,737	23,817,640
3	1,016,577	1,774,683	797,261	821,178	-	4,409,699
4	853,938	140,212	108,312	283,984	-	1,386,446
	\$8,145,951	\$7,805,871	\$4,913,273	\$4,714,815	\$5,299,737	\$30,879,647

	\$34,121,799	\$33,106,082	\$19,648,973	\$15,054,915	\$6,602,637	\$108,534,406
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FY 2018/19 - FY 2022/23 Capital Improvement Plan Budget

City of Aliso Viejo

Station 57, 57 Journey, 92656

City of Buena Park

Station 61, 7440 La Palma Ave. 90620 (Summer 2018)

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 Irvine

Station 4, 2 California Ave. 92612

Station 6, 3180 Barranca Pkwy. 92606

Station 20, 6933 Trabuco Rd. 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

Capital Improvement Program Overview

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 S. Franklin St. 92703
Station 74 (Admin), 1439 S. Broadway St. 92707
Station 74, 1427 South 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

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, P.O. 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, P.O. Box 618,
Trabuco Canyon 92679

Specialty Stations

Station 41, 3900 West Artesia Ave, Fullerton 92633

Helicopter Operations

City of Tustin

Station 37, 15011 Kensington Park Dr. 92780
Station 43, 11490 Pioneer Way 92782

City of Villa Park

Station 23, 5020 Santiago Canyon Rd. 92869

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

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, Coto de Caza 92679
Station 56, 56 Sendero Way, Rancho Mission Viejo, 92694

Station 58, 58 Station Way, Ladera Ranch 92694

30942 Trabuco Canyon Rd., P.O. Box 618,
Trabuco Canyon, 92678
Crews & Equipment - Camp 18



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.



800 MHZ RADIOS

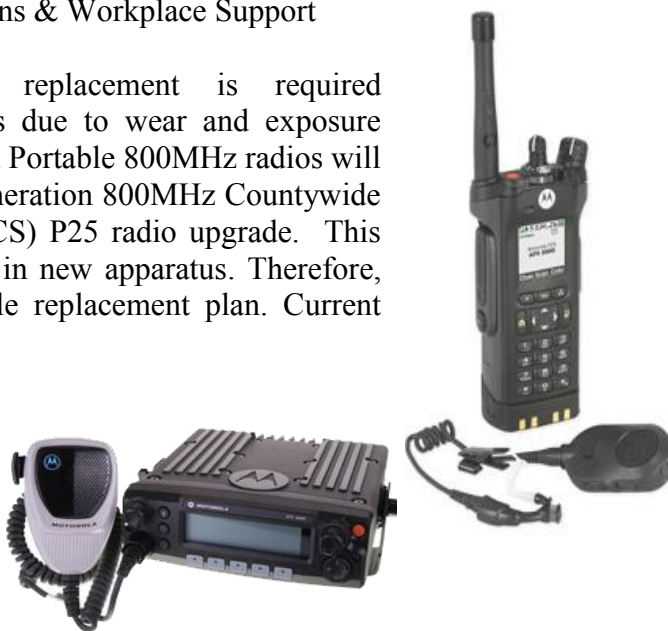
Project Priority: A

Org Number: P332

Project Type: Equipment Replacement

Project Management: IT – Communications & Workplace Support

Project Description: Mobile Radio replacement is required approximately every nine to eleven years due to wear and exposure factors. The entire inventory of Mobile and Portable 800MHz radios will be replaced in 2018 as part of the Next Generation 800MHz Countywide Coordinated Communication System (CCCS) P25 radio upgrade. This purchase is for new radios to be installed in new apparatus. Therefore, radios purchased 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 \$5,075. All radios purchased are P25 ready and are 100% compatible with the 800MHz CCCS that currently is underway and projected to go online in 2019.



Project Status: Ongoing

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Special department expense	\$85,500	\$31,500	\$27,000	\$40,000	\$40,000	\$224,000
Total	\$85,500	\$31,500	\$27,000	\$40,000	\$40,000	\$224,000

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

900 MHZ PAGERS / SMALL EQUIPMENT / PERSONAL COMMUNICATIONS

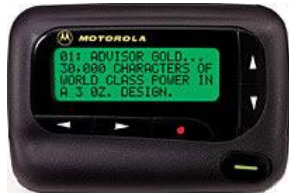
Project Priority: A

Org Number: 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.



Project Status: Ongoing

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Office expense	\$41,600	\$41,600	\$41,600	\$41,600	\$41,600	\$208,000
Total	\$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.

DATA STORAGE, BACKUP, AND RECOVERY

Project Priority: A

Org Number: 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), Orange County Fire Incident Reporting System (OCFIRS), Integrated Fire Prevention (IFP), Computer Aided Dispatch (CAD), Automatic Vehicle Location (AVL), Intranet, GIS, SharePoint, etc. Additional funds are included in FY2019/20 to upgrade the OCFA's SharePoint environment. The useful life of servers, SAN's, and other related hardware can range from three to five years.



Project Status: Ongoing

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Equipment expense	\$96,000	\$396,000	\$96,000	\$96,000	\$96,000	\$780,000
Total	\$96,000	\$396,000	\$96,000	\$96,000	\$96,000	\$780,000

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

FIRE STATION PAGING / PUBLIC ADDRESS SYSTEM

Project Priority: A

Org Number: PXXX

Project Type: New Equipment

Project Management: IT – Communications & IT Infrastructure

Project Description: This project will add public address / paging functionality to OCFA fire stations utilizing the fire station alerting system technology and the station phone systems.

The project will require purchasing, installing and integrating the Westnet, Inc. Station Paging Module in each Fire Station that will allow the OCFA Emergency Command Center (ECC) staff to communicate directly with individual, or all OCFA fire stations at once for important announcements.



Since the OCFA currently uses Westnet, Inc. station alerting technology in its fire stations, adding this system would be a minimally intrusive upgrade that integrates with the existing fire station technology and could be completed fairly quickly in about two months.

Project Status: The fire station public address / paging equipment will be purchased and installed in FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i> Equipment	\$300,000	-	-	-	-	\$300,000
Total	\$300,000	-	-	-	-	\$300,000

Impact on Operating Budget: After expiration of the 12-month warranty, ongoing maintenance and support estimated at \$4,000 would be added to the existing Westnet, Inc. annual support contract.

FIRE STATION TELEPHONE/ALARM/SOUND SYSTEM UPGRADES

Project Priority: A

Org Number: P334

Project Type: Equipment Replacement

Project Management: IT – Communications & IT Infrastructure

Project Description: Acquisition and installation of new fire station alarm/sound systems and telephone systems are necessary as the equipment becomes old, outdated, and parts are no longer available. The expected life of the fire station alarm/sound and phone 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 (71 at the time) that would integrate the new TriTech CAD system with the existing incompatible 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 project implementation, a thorough evaluation of the existing alerting systems was completed at each fire station. All of the fire stations use outdated electro-mechanical relays and amplifiers that need to be upgraded to current digital technology. The cost per station to completely upgrade the fire station alerting/sound systems ranges from \$60,000 to \$150,000 depending on the size of the station, number of crew, apparatus deployed, and condition of existing wiring and infrastructure. All OCFA fire stations will be upgraded with Westnet fire station alerting systems over the next 15 years at a rate of three to five stations per year. New fire stations will have Westnet Inc. fire station alerting systems installed during building construction.



Fire Station Phone Systems

All OCFA fire station phone systems will be upgraded to a Voice over Internet Protocol (VoIP) system at a cost of approximately \$15,000 per station and at the rate of five to ten stations per year until all stations are completed.



Project Status: Ongoing

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$328,000	\$328,000	\$400,000	\$500,000	\$500,000	\$2,056,000
Total	\$328,000	\$328,000	\$400,000	\$500,000	\$500,000	\$2,056,000

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

MOBILE DATA COMPUTER (MDC) SYSTEM

Project Priority: A

Org Number: P303

Project Type: Equipment Replacement

Project Management: IT – Communications & Workplace Support

Project Description: The MDCs are used for delivery of emergency messages and information from the Computer Aided Dispatch (CAD) system for initial dispatch of fire and paramedic services to Operations personnel in OCFA emergency apparatus. The current modular MDCs (separate CPU, keyboard, and monitor) were installed six years ago at a purchase price of approximately \$6,000 each plus installation costs. Production of these MDCs has ended and Staff evaluated different types of replacement MDCs including ruggedized laptops and computer tablets. The computer environment in emergency apparatus is rapidly transitioning from single-purpose Windows computers, like the current MDCs to multipurpose, mobile capable, ruggedized computer tablets that can run numerous computer applications (apps).



Staff has selected new ruggedized computer tablets running the Windows Operating System (WinOS) which are being deployed in new emergency apparatus and to replace failing MDC's in existing apparatus. The current mobile CAD app works only on WinOS, but staff is researching options to develop a new mobile CAD application that will work on any type of Android, Apple, or Windows data tablet so that as the consumer market for computer tablets changes, the OCFA won't be locked into one brand/type of ruggedized tablet or computer. The new mobile CAD applications is at least two years from deployment.

The cost of ruggedized Windows computer tablets with associated mounting accessories is approximately \$5,500 per unit. Over the next several years, all modular MDCs will be replaced with ruggedized computer tablets that are compatible with the current as well as the next generation mobile CAD application.



Project Status: Ongoing

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost						
Special department expense	\$460,000	\$460,000	\$55,800	\$48,000	\$55,800	\$1,079,600
Total	\$460,000	\$460,000	\$55,800	\$48,000	\$55,800	\$1,079,600

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.

NETWORK, SERVERS, SECURITY

Project Priority: A

Org Number: P337

Project Type: Equipment Replacement/New Technology

Project Management: IT – Communications and IT Infrastructure

Project Description: This project replaces core network components installed as far back as 2004 which now are at “end of life” for support and maintenance. This is a multi-year project and replaces components with technology that increases bandwidth and network capacity necessary due to the expansion of applications including GIS, records management systems, centralized storage of departmental data, data collaboration across applications, and online training utilizing streaming media. We will replace core components in the Data Center and individual IDF’s (Intermediate Distribution Facility – more commonly known as data/phone connection closets).



Staff is continuing to implement virtualization to support server consolidation which supports the long range goal of virtual environment utilization as a component for Disaster Recovery. Project costs also include associated contracted professional services.

Project Status: Ongoing

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost						
Equipment expense	\$410,000	\$160,000	\$160,000	\$160,000	\$160,000	\$1,050,000
Total	\$410,000	\$160,000	\$160,000	\$160,000	\$160,000	\$1,050,000

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

PERSONAL COMPUTER (PC)/LAPTOP/PRINTER REPLACEMENTS

Project Priority: A

Org Number: 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

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Office expense	\$202,500	\$202,500	\$652,500	\$202,500	\$202,500	\$1,462,500
Total	\$202,500	\$202,500	\$652,500	\$202,500	\$202,500	\$1,462,500

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

RFOTC ADMINISTRATIVE PHONE SYSTEM

Project Priority: A

Org Number: P401

Project Type: Equipment Replacement

Project Management: IT – Communications and IT Infrastructure

Project Description: The OCFA's Administrative telephone system was placed in service in 2004. The system continues to function but parts are becoming difficult to obtain and it is reaching the end of its service life and must be replaced. It was upgraded in FY 2015/16 to extend the life of the system a few more years.

The new OCFA Administrative telephone system will utilize standard Voice over Internet Protocol (VoIP) technology which is next generation technology from the current OCFA phone system. One of the benefits of VoIP is a much smaller 'footprint' in the OCFA



datacenter for the system. VoIP technology provides much more flexibility with the types of handsets that can be used, and because it uses Internet Protocol and common computer data cable connections, the phones can be plugged in wherever there is a data connection at the RFOTC facilities and be connected. Staff is also in the process of another multi-year project to upgrade all OCFA Fire Stations to VoIP phone systems.

Maintenance and administration is simpler with a VoIP system vs. the current legacy system.

Project Status: Project completion scheduled for FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i> Equipment	\$290,000	-	-	-	-	\$290,000
Total	\$290,000	-	-	-	-	\$290,000

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

VHF RADIOS

Project Priority: A

Org Number: 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 \$1,500.



Project Status: Ongoing

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Special department expense	\$22,100	\$9,100	\$7,800	\$12,000	\$15,000	\$66,000
Total	\$22,100	\$9,100	\$7,800	\$12,000	\$15,000	\$66,000

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

DIGITAL ORTHOPHOTOGRAPHY

Project Priority: B

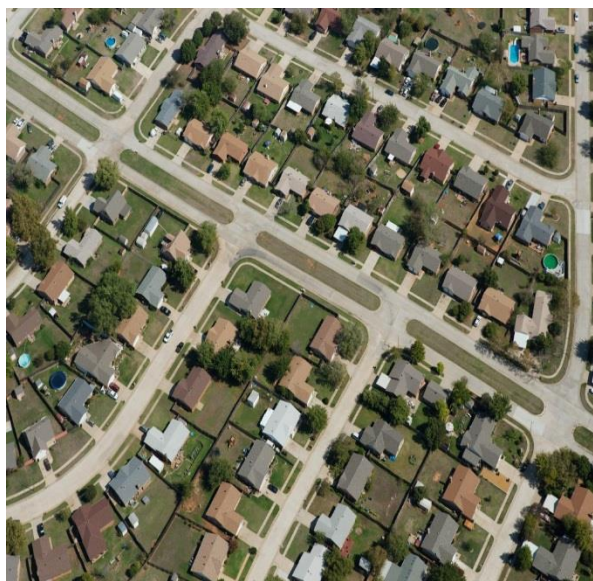
Org Number: P341

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 2018/19 and proceed every other year due to the increased development occurring in the County.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Special department expense	\$80,000	-	\$80,000	-	\$80,000	\$240,000
Total	\$80,000	-	\$80,000	-	\$80,000	\$240,000

Impact on Operating Budget: No impact.

RFOTC UNINTERRUPTIBLE POWER SYSTEM (UPS) REPLACEMENT

Project Priority: B

Org Number: TBD

Project Type: Equipment Replacement/New Technology

Project Management: IT – Communications and 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 each 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 current UPS has been well maintained, but it is time to replace and upgrade its capacity as the power loads for the UPS have changed in the past 15 years since the facilities were constructed, and improvements in battery technologies can also be realized in the new UPS. 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 placed each year to upgrade fire station UPS equipment and other important locations (network closets at RFOTC).

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost Equipment</i>	\$100,000	\$100,000	\$400,000	\$100,000	\$100,000	\$800,000
Total	\$100,000	\$100,000	\$400,000	\$100,000	\$100,000	\$800,000

Impact on Operating Budget: Annual maintenance estimated at \$10,000, beginning FY 2019/20 with 5% annual increases thereafter.

CARDIAC MONITOR/AED**Project Priority:** A**ORG Number:** TBD**Project Type:** Service Enhancement/Replacement**Project Management:** Emergency Medical Services

Project Description: The OCFA's Emergency Medical Service delivery enhancements is an on-going process. The EMS Section projects a need for the following number of cardiac monitors and AED's over the next one to five years:

Cardiac Monitors: 3 (\$32,000 each with tax)

AED Pro: 10 (\$3,000 each with tax)

The monitor total is based on current need. Priority is placed on additional two monitors needed for the RAMP plan and the addition of a Battalion 10 which would require one loaner. Additional Monitors might be needed over the next five years due to expansion of the "return the medic" program and new fire stations.

The 10 AED's are based on current need and are planned as follows; two to be placed on the Type III strike team designated medic units, six that are aging and need to be replaced, and two for the new Battalion 10 (one for the Suburban and one for the Battalion loaner). Additional AED's might be required if it is decided to provide them for more OCFA vehicles.

Project Status: Project completion scheduled for FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost Equipment</i>	\$126,000	-	-	-	-	\$126,000
Total	\$126,000	-	-	-	-	\$126,000

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

HIGH-PRESSURE AIRBAGS

Project Priority: A

ORG number: TBD

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 over the next fiscal year 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.

Project Status: Project completion scheduled for FY 2018/19.



Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Equipment expense	\$170,000	-	-	-	-	\$170,000
Total	\$170,000	-	-	-	-	\$170,000

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

THERMAL IMAGING CAMERAS

Project Priority: A

Org Number: TBD

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 2018/19 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: Project completion scheduled for FY 2019/20.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$550,000	\$550,000	-	-	-	\$1,100,000
Total	\$550,000	\$550,000	-	-	-	\$1,100,000

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

FIRE SHELTERS

Project Priority: A

Org Number: TBD

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 and has a planned roll-out date in FY 2018/19, FY 2019/20, FY 2020/21, and FY 2021/22 budget years. Priority for replacement will be as follows:

1. Oldest units
2. Worn out units



Project Status: Project completion scheduled for FY 2021/22.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i> Equipment	\$100,000	\$100,000	\$100,000	\$140,000	-	\$440,000
Total	\$100,000	\$100,000	\$100,000	\$140,000	-	\$440,000

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

GAS MONITORS

Project Priority: A

ORG Number: 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 completion scheduled for FY 2019/20.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost Equipment</i>	-	\$25,000	-	-	-	\$25,000
Total	-	\$25,000	-	-	-	\$25,000

Impact on Operating Budget: Potential cost with equipment failure after 180-day warranty expiration.

SELF-CONTAINED BREATHING APPARATUS (SCBA)

Project Priority: A

ORG Number: 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 completion scheduled for FY 2021/22.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Equipment	-	-	\$2,500,000	\$2,000,000	-	\$4,500,000
Total	-	-	\$2,500,000	\$2,000,000	-	\$4,500,000

Impact on Operating Budget: None.

PORTABLE FIRE PUMPS

Project Priority: A

ORG Number: TBD

Project Type: Service Enhancement/Replacement

Project Management: Operations

Project Description: OCFA purchased our 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 completion scheduled for FY 2022/23.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i> Equipment	-	-	-	-	\$12,000	\$12,000
Total	-	-	-	-	\$12,000	\$12,000

Impact on Operating Budget: Potential cost with equipment failure after 90-day warranty expiration.

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

Project Description: This project would upgrade approximately 10 fire stations over the next three years to accommodate gender requirements at bathrooms. The impacted fire stations are: 13, 14, 16, 32, 35, 44, 70, 72, 73 and 78.

Project Status: Project is anticipated to commence in FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Maintenance – buildings & improvements	\$500,000	\$500,000	\$500,000	-	-	\$1,500,000
Total	\$500,000	\$500,000	\$500,000	-	-	\$1,500,000

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:** TBD**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 is anticipated to commence in FY 2018/19.

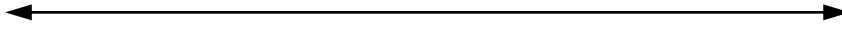
Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i> Maintenance – building and improvements	\$260,000	-	-	-	-	\$260,000
Total	\$260,000	-	-	-	-	\$260,000

Impact on Operating Budget: No anticipated impact.



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**Org Number:** 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.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost						
Planning, demolition, temporary fire station and construction	\$6,000,000	-	-	-	-	\$6,000,000
Total	\$6,000,000	-	-	-	-	\$6,000,000

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

Org Number: 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.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Planning, Possible Land Acquisition, Design	\$3,750,000	\$3,750,000	-	-	-	\$7,500,000
Total	\$3,750,000	\$3,750,000	-	-	-	\$7,500,000

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: TBD

Project Type: Facilities/Site Repair

Project Management: Property Management

Project Description: Although the department has grown in size by 25%, the current RFOTC drill ground has not been upgraded or expanded. Our current tower was out of service greater than 50% of the time in FY 2016/17, and our 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 the system was designed so that when one burn prop (out of seven in the tower) goes down, the whole system is inoperable.

OCFA has 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 redress these shortcomings this project will be handled in stages.

- In FY 2018/19 we will 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, we plan 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 \$1,825,000.
- In FY 2019/20, we plan to replace the burn props, safety sensor system, and computer operating system in our current tower at an estimated cost of \$1,100,000.
- In FY 2020/21, we plan 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: Project is subject to negotiations with the City of Irvine to obtain additional land, and anticipated to commence in FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost						
Maintenance – buildings & improvements	\$2,825,000	\$1,100,000	\$2,675,000	-	-	\$6,600,000
Total	\$2,825,000	\$1,100,000	\$2,675,000	-	-	\$6,600,000

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:** TBD**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 anticipated to commence in FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Maintenance – buildings & improvements	\$500,000	\$1,000,000	-	-	-	\$1,500,000
Total	\$500,000	\$1,000,000	-	-	-	\$1,500,000

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.

Project Status: This project began in FY 2017/18 and will continue through FY 2019/20.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Maintenance – buildings & improvements	\$500,000	\$500,000	-	-	-	\$1,000,000
Total	\$500,000	\$500,000	-	-	-	\$1,000,000

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.

US&R WAREHOUSE/TRAINING CENTER IMPROVEMENTS

Project Priority: A

Project Org: P246

Project Type: Facilities/Site Repair

Project Management: Property Management

Project Description: The OCFA manages and operates the FEMA Urban Search and Rescue Task Force 5 (US&R). Task Force 5 is comprised of large over-the-road semi-tractor trailers, other vehicular rolling stock and a large cache of urban search and rescue equipment, materials and supplies. In order to fully comply with FEMA standards for storage and management, vehicles and materials must be secured indoors, under cover, in an environmentally controlled warehouse. For these reasons, a warehouse storage facility capable of storing all US&R vehicles and materials was identified and purchased in FY 2014/15. This facility provides a single, consolidated location that helps facilitate the maintenance, exercise and readiness of disaster equipment. In FY 2015/16, funding was required for improvements and repairs necessary to align the building with current code requirement which include expansion/installation of roll up vehicle doors, a new exhaust extraction system and phone/IT upgrades.

Funding for FY 2018/19 is anticipated for Phase II tenant improvements, classroom and office space, that will allow the OCFA to fully utilize the building for the intended purpose.

Project Status: A warehouse storage facility was identified and purchased in FY 2014/15. Improvements/repairs commenced in FY 2015/16. Phase I improvements including larger openings in the building, ventilation and flooring improvements were completed in 2017. Phase II improvements are scheduled to be completed in FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost						
Maintenance – buildings & improvements	\$275,000	-	-	-	-	\$275,000
Total	\$275,000	-	-	-	-	\$275,000

Impact on Operating Budget: Ongoing annual operational costs of \$23,000 are included in the current operating budget.

RETROFIT EXISTING STATION FIRE LIFE SAFETY SYSTEMS**Project Priority:** A**Project Org:** TBD**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 our existing alerting system being monitored by our Emergency Communications Center.

Project Status: Project is anticipated to commence in FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Maintenance – buildings & improvements	\$270,000	-	-	-	-	\$270,000
Total	\$270,000	-	-	-	-	\$270,000

Impact on Operating Budget: Ongoing annual operational costs of about \$25,000 is projected effective FY 2019/20.

REPLACEMENT OF FIRE STATION 18 (TRABUCO CANYON)**Project Priority:** A**Org Number:** TBD**Project Type:** Replacement Fire Station Construction**Project Management:** Property Management

Project Description: This project contemplates planning, design, demolition and replacement of Fire Station 18, 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: Project delivery is anticipated to be Design-Build.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i> Planning, demolition, temporary fire station and construction	-	\$6,500,000	-	-	-	\$6,500,000
Total	-	\$6,500,000	-	-	-	\$6,500,000

Impact on Operating Budget: Replacement Fire Station 18 (Trabuco Canyon) will replace an existing station currently included in the operating budget.

CONSTRUCTION OF NEW FIRE STATION 52 (IRVINE BUSINESS DISTRICT)**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 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.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Planning and construction of a new fire station	-	\$6,500,000	-	-	-	\$6,500,000
Total	-	\$6,500,000	-	-	-	\$6,500,000

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.

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. 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.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Planning and construction of a new fire station	-	-	\$6,500,000	-	-	\$6,500,000
Total	-	-	\$6,500,000	-	-	\$6,500,000

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.

REPLACEMENT OF FIRE STATION 25 (MIDWAY CITY)**Project Priority:** A**Org Number:** TBD**Project Type:** Replacement Fire Station Construction**Project Management:** Property Management

Project Description: This project contemplates planning, design, demolition and replacement of Fire Station 25, constructed in 1935. The station occupies about 0.33 of an acre. The project includes replacement construction of the existing building on the existing site. The project includes all demolition, placement of a temporary fire station, planning, design, and new station construction. The station will house one, four (4) person medic engine.

Project Status: Project delivery is anticipated to be Design-Build.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Planning, demolition, temporary fire station and construction	-	-	-	\$6,500,000	-	\$6,500,000
Total	-	-	-	\$6,500,000	-	\$6,500,000

Impact on Operating Budget: Replacement Fire Station 25 (Midway City) will replace an existing station currently included in the operating budget.

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 2nd 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 2nd 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.

Project Status: This project estimated to begin in FY 2021/22.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Maintenance – buildings & improvements	-	-	-	\$500,000	-	\$500,000
Total	-	-	-	\$500,000	-	\$500,000

Impact on Operating Budget: The budgetary amount is a preliminary estimate and may need revision as requirements are further developed.

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.



800 MHZ COUNTYWIDE-COORDINATED COMMUNICATIONS (CCCS) SYSTEM UPGRADE

Project Priority: A

Org Number: P346

Project Type: Equipment Replacement

Project Management: IT – Communications & IT Infrastructure/ECC

Project Description: The current 800 MHz Countywide-Coordinated Communications System (CCCS) was implemented from 1999 to 2001 with an expected 15-year operational life expectancy. The system is administered by the Orange County Sheriffs' Department/Communications staff.



OCSD/ Communications staff were directed in 2009 to develop the next generation system proposal, and developed a four-phase upgrade plan for the CCCS. The upgrade includes implementation of a P25 system architecture, which is the FEMA and Department of Homeland Security recommended technology for public safety communications interoperability.



Phase – 1 \$2,797,153 – funded by the Public Safety Interoperable Communications (PSIC) grant, was completed by OCSD/Communications staff in 2011.

Phases – 2, 3, 4 includes replacing core equipment, control equipment, base station, mobile, and portable radios, and dispatch consoles, with P25 capable, encrypted 800MHz radios. Individual agencies are responsible for purchasing radios and dispatch consoles.

OCFA budgeted \$7,540,000 in Fund 124 in FY 2016/17 to purchase and install 1,555 encrypted, P25 capable 800MHz portable, mobile, and base station 800MHz radios. These radios were purchased and programmed, and deployment is in progress.

OCFA Fund 124 estimated costs of \$3,539,250 to upgrade the ECC's 18 dispatch consoles will be expended in FY 2018/19.

Project Status: Phase 1 is complete; Phases 2 to 4 in implementation stage now.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost						
Equipment expense	\$3,539,250	-	-	-	-	\$3,539,250
Total	\$3,539,250	-	-	-	-	\$3,539,250

Impact on Operating Budget: Annual subscriber costs for new CCCS have not yet been determined. OCSD/Communications currently determines annual subscriber fees based on total number of active radios times an annual subscription fee per radio.

COMMUNITY RISK REDUCTION AUTOMATION – IFP REPLACEMENT

Project Priority: A

Org Number: 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 have been 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 has been actively developing workflows and coding for several major parts of the RMS (Fire Incident Reporting, Investigations Case Management systems) and have deployed a new Electronic Plans Review system and Pre-fire Management Geographic Information Systems (GIS) tools for inspections and wildland management activities.

Staff is also reviewing a customized and configured cloud-based solution that Orange County Public Works (OCPW) is developing with multiple technology vendors including Salesforce, BasicGov, Deloitte and Carahsoft as a possible replacement for IFP. This innovative solution may meet the needs that OCFA Community Risk Reduction (CRR) Department for the IFP system replacement and Staff is closely monitoring OCPW's planned go-live currently scheduled for March, 2018. For this reason, FY 2017/18 CIP funds for this project have been re-budgeted to FY 2018/19 pending further review.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Equipment, software, professional services	\$2,294,898	\$905,117	-	-	-	\$3,200,015
Total	\$2,294,898	\$905,117	-	-	-	\$3,200,015

Impact on Operating Budget: Application maintenance, license, and user fees for a customized and configured cloud-based solution with 3rd party technology partners is estimated at \$400,000 beginning in FY 2020/21 with 5% annual increases thereafter.

INCIDENT REPORTING APPLICATION REPLACEMENT

Project Priority: A

Org Number: P325

Project Type: Application Replacement

Project Management: IT – Systems Development & Support

Project Description: This project is to replace the Orange County Fire Incident Reporting System (OCFIRS) and Investigations Case Management Systems (iCMS), as well as implementing Electronic Plans Review (EPR) and Pre-fire Management Geographic Information Systems (GIS) tools for inspections and wildland management activities. These systems are all components of the greater Records Management Systems (RMS) replacement project, which also includes replacing the Integrated Fire Prevention (IFP) system as a separately funded 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 have been 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 has been actively developing workflows and coding for several major parts of the RMS (OCFIRS and iCMS) and have deployed new Electronic Plans Review and Wildland inspections systems that were developed in-house with staff resources for minimal cost.

This budgetary amount is a preliminary estimate and may need revision as requirements and software development needs continue to be developed.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Equipment, software, professional services	\$400,000	-	-	-	-	\$400,000
Total	\$400,000	-	-	-	-	\$400,000

Impact on Operating Budget: Application Maintenance/License Costs will be included in the annual budget for the OCFA's Microsoft Enterprise Agreement license, and should not exceed the current annual maintenance costs of approximately \$73,000.

OCFA ENTERPRISE AUDIO VISUAL UPGRADES

Project Priority: B

Org Number: TBD

Project Type: Equipment Replacement / New Technology

Project Management: IT – Communications & IT Infrastructure

Project Description: In FY 2016/17, the audio visual (AV) system in the OCFA's Board Room and five Classrooms was upgraded which included new displays, cameras, microphones, projectors, recorders, video streaming/conferencing, wireless connectivity, touch-screen LCD controllers, and a new voting system.



This project continues upgrading AV technology and will use funds currently budgeted for the Emergency Command Center (ECC) video wall (\$500,000 – FY 2019/20), and add another \$2,080,000 over three years (FY 2018/19 – FY 2020/21) for a project total of \$2,580,000.



In FY 2018/19, AV technology will be upgraded in classrooms at one Fire Station in each OCFA Battalion, additional conference rooms at the RFOTC and at specialty facilities (CAL5 Warehouse, HAZMAT, Airport), and upgrades in the 9-1-1 Emergency Command Center (ECC) including a video wall and remodeled DOC.

In FY 2019/20 and FY 2020/21, AV technology upgrades are planned for two additional fire stations in each Battalion during each fiscal year. When this project completes in FY 2020/21, each OCFA Battalion will have up to five fire stations with upgraded AV technology. The upgraded AV technology will enable station crews to access video and other electronic training materials more efficiently from their local stations, improve communications through video conferencing with other fire stations and HQ, and reduce the times crews leave their response areas for training or meetings.

Project Status: This project will begin in fiscal year FY 2018/19 and proceed through FY 2020/21.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost						
Equipment	\$1,500,000	\$540,000	\$540,000	-	-	\$2,580,000
Total	\$1,500,000	\$540,000	\$540,000	-	-	\$2,580,000

Impact on Operating Budget: Annual maintenance estimated at \$15,000 in FY 2018/19, increasing by \$5,000 each year in FY 2019/20 through FY 2021/22 as additional fire station upgrades are completed with 5% annual increase thereafter.

OCFA DISASTER RECOVERY CO-LOCATION FACILITY

Project Priority: B

Org Number: P349

Project Type: New Technology

Project Management: IT – Communications and 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 a Disaster Recovery (DR) co-location facility 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.

The first phase of this project currently in process will identify the local DR facility, negotiate contracts and service level agreements, and move critical backup emergency 9-1-1 systems to it. The second phase of this project is estimated to begin in FY2019/20 to establish an out-of-state DR facility.

The OCFA currently backs up and maintains multiple versions of critical business, financial, and public safety systems data and stores it offsite with 3rd 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 ongoing and continues through FY 2019/20.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Equipment	-	\$1,000,000	-	-	-	\$1,000,000
Total	-	\$1,000,000	-	-	-	\$1,000,000

Impact on Operating Budget: Annual facility lease expense of \$60,000 starting FY 2019/20 for local co-location facility with additional \$60,000 annual starting FY 2020/21 for 2nd out-of-state co-location facility with 5% annual increases thereafter.

FLEET SERVICES FUEL MANAGEMENT TRACKING SYSTEM**Project Priority:** B**Org Number:** 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. It requires adding 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 pushed back to FY 2019/20 after reprioritizing project which required a re-budget of funds.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Equipment	-	\$601,394	-	-	-	\$601,394
Total	-	\$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 which is included in our Five-Year Financial Forecast beginning in FY 2019/20.

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.



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 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Year Total
EMERGENCY VEHICLES								
Air Utility								
5255	Air Utility	Operations	\$483,084	-	-	-	-	\$483,084
5415	Air Utility	Operations	-	-	-	527,878	-	527,878
Battalion Chief Command								
TBD	BC Command Vehicle	Operations	98,503	-	-	-	-	98,503
2258	PIO Command Vehicle	Operations	98,503	-	-	-	-	98,503
2185	BC Command Vehicle	Operations	-	-	-	107,675	-	107,675
2186	BC Command Vehicle	Operations	-	-	-	107,675	-	107,675
2187	BC Command Vehicle	Operations	-	-	-	107,675	-	107,675
2188	BC Command Vehicle	Operations	-	-	-	-	110,905	110,905
2189	BC Command Vehicle	Operations	-	-	-	-	110,905	110,905
2190	BC Command Vehicle	Operations	-	-	-	-	110,905	110,905
Compressed Air Foam System Patrol Vehicle								
3687	CAFS-Patrol Veh. (Type 6)	Operations	-	-	-	-	266,632	266,632
3689	CAFS-Patrol Veh. (Type 6)	Operations	-	-	-	-	266,632	266,632
3796	CAFS-Patrol Veh. (Type 6)	Operations	-	-	-	-	266,632	266,632
Crew Cab Dozer Tender								
3036	Crew Cab Dozer Tender	Operations	81,886	-	-	-	-	81,886
3037	Crew Cab Dozer Tender	Operations	81,886	-	-	-	-	81,886
Dozer Transport Trailer								
6146	Dozer Transport Trailer	Operations	-	-	-	69,538	-	69,538
Engine - Type I								
5210	Engine - Type I	Operations	629,608	-	-	-	-	629,608
5214	Engine - Type I	Operations	629,608	-	-	-	-	629,608
5213	Engine - Type I	Operations	629,608	-	-	-	-	629,608
5229	Engine - Type I	Operations	629,608	-	-	-	-	629,608
5220	Engine - Type I	Operations	629,608	-	-	-	-	629,608
5221	Engine - Type I	Operations	629,608	-	-	-	-	629,608
5240	Engine - Type I	Operations	-	648,496	-	-	-	648,496
5225	Engine - Type I	Operations	-	648,496	-	-	-	648,496
5211	Engine - Type I	Operations	-	648,496	-	-	-	648,496
5241	Engine - Type I	Operations	-	648,496	-	-	-	648,496
5228	Engine - Type I	Operations	-	648,496	-	-	-	648,496
5216	Engine - Type I	Operations	-	648,496	-	-	-	648,496
5200	Engine - Type I	Operations	-	-	667,950	-	-	667,950
5227	Engine - Type I	Operations	-	-	667,950	-	-	667,950
5219	Engine - Type I	Operations	-	-	667,950	-	-	667,950
5215	Engine - Type I	Operations	-	-	667,950	-	-	667,950
5222	Engine - Type I	Operations	-	-	667,950	-	-	667,950
5804	Engine - Type I	Operations	-	-	667,950	-	-	667,950
5226	Engine - Type I	Operations	-	-	-	687,998	-	687,998
5162	Engine - Type I	Operations	-	-	-	-	708,637	708,637
5163	Engine - Type I	Operations	-	-	-	-	708,637	708,637
5164	Engine - Type I	Operations	-	-	-	-	708,637	708,637
5165	Engine - Type I	Operations	-	-	-	-	708,637	708,637
5166	Engine - Type I	Operations	-	-	-	-	708,637	708,637
Full-Size 4-Door								
TBD	Full-Size 4-Door 4x4	Operations	58,714	-	-	-	-	58,714

FY 2018/19 - FY 2022/23 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 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Year Total
Full-Size 4-Door Exec Mgmt								
2350	Full-Size 4-Door 4x4	Operations	-	-	-	66,864	-	66,864
2353	Full-Size 4-Door 4x4	Operations	-	-	-	66,864	-	66,864
2354	Full-Size 4-Door 4x4	Operations	-	-	-	66,864	-	66,864
2351	Full-Size 4-Door 4x4	Operations	-	-	-	-	68,869	68,869
2352	Full-Size 4-Door 4x4	Operations	-	-	-	-	68,869	68,869
2355	Full-Size 4-Door 4x4	Operations	-	-	-	-	68,869	68,869
Paramedic Squad								
3660	Paramedic Squad	Operations	-	-	-	-	208,667	208,667
3361	Paramedic Squad	Operations	-	-	-	-	208,667	208,667
Pick-Up Utility 3/4 Ton								
3035	Pick-Up Utility 3/4 Ton	Operations	47,050	-	-	-	-	47,050
TBD	Pick-Up Utility 3/4 Ton	Operations	47,050	-	-	-	-	47,050
3336	Pick-Up Utility 3/4 Ton	Operations	47,050	-	-	-	-	47,050
3337	Pick-Up Utility 3/4 Ton	Operations	47,050	-	-	-	-	47,050
3338	Pick-Up Utility 3/4 Ton	Operations	47,050	-	-	-	-	47,050
3340	Pick-Up Utility 3/4 Ton	Operations	47,050	-	-	-	-	47,050
3341	Pick-Up Utility 3/4 Ton	Operations	47,050	-	-	-	-	47,050
Crew Cab-Swift Water Vehicle								
3800	Swift Water Vehicle	Operations	-	-	-	84,000	-	84,000
3803	Swift Water Vehicle	Operations	-	-	-	84,000	-	84,000
3806	Swift Water Vehicle	Operations	-	-	-	84,000	-	84,000
TDA 100' Quint								
5231	TDA 100' Quint	Operations	-	-	-	1,548,622	-	1,548,622
Mobile 911 Emergency Command Center								
TBD	Mobile 911 ECC	Operations	-	2,000,000	-	-	-	2,000,000
Total Emergency Vehicles			5,009,574	5,890,976	4,007,700	3,609,653	5,299,737	23,817,640

DEVELOPER FUNDED VEHICLES

Engine - Type1								
Station 67	Engine - Type 1	Operations	751,496	-	-	-	-	751,496
Station 52	Engine - Type 1	Operations	-	-	797,261	-	-	797,261
Station 12	Engine - Type 1	Operations	-	-	-	821,178	-	821,178
Paramedic Squad								
Station 67	Paramedic Squad	Operations	265,081	-	-	-	-	265,081
TDA 100' Quint								
Station 67	TDA 100' Quint	Operations	-	1,774,683	-	-	-	1,774,683
Total Developer Funded Vehicles			1,016,577	1,774,683	797,261	821,178	-	4,409,699

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 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Year Total
SUPPORT VEHICLES								
Fuel Tender								
5313	Fuel Tender	Fleet Services	171,000	-	-	-	-	171,000
Mid-Size 4-Door								
2174	Mid-Size 4-Door	Property Mgt.	38,800	-	-	-	-	38,800
2265	Mid-Size 4-Door	Risk Mgt.	38,800	-	-	-	-	38,800
2267	Mid-Size 4-Door	Risk Mgt.	38,800	-	-	-	-	38,800
Mid-Size Pickup - 1/2 Ton								
2304	Mid-Size Pickup - 1/2 Ton	CRR	34,033	-	-	-	-	34,033
2317	Mid-Size Pickup - 1/2 Ton	CRR	34,033	-	-	-	-	34,033
2318	Mid-Size Pickup - 1/2 Ton	Property Mgt.	34,033	-	-	-	-	34,033
2319	Mid-Size Pickup - 1/2 Ton	Property Mgt.	34,033	-	-	-	-	34,033
2230	Mid-Size Pickup - 1/2 Ton	EMS	34,033	-	-	-	-	34,033
3671	Mid-Size Pickup - 1/2 Ton	EMS	34,033	-	-	-	-	34,033
3101	Mid-Size Pickup - 1/2 Ton	EMS	34,033	-	-	-	-	34,033
3204	Mid-Size Pickup - 1/2 Ton	EMS	34,033	-	-	-	-	34,033
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
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
2175	Mid-Size Pickup - 1/2 Ton	CRR	-	-	-	38,992	-	38,992
2176	Mid-Size Pickup - 1/2 Ton	CRR	-	-	-	38,992	-	38,992
Service Truck - Heavy								
5389	Service Truck - Heavy	Fleet Services	150,000	-	-	-	-	150,000
Service Truck - Light								
3046	Service Truck - Light	Fleet Services	94,274	-	-	-	-	94,274
3047	Service Truck - Light	Fleet Services	-	-	-	103,000	-	103,000
3048	Service Truck - Light	Fleet Services	-	-	-	103,000	-	103,000
Trailer - IT/IMT Trailer								
TBD	Trailer - IT/IMT	Fleet Services	50,000	-	-	-	-	50,000
Total Support Vehicles			853,938	140,212	108,312	283,984	-	1,386,446
TOTAL VEHICLES			\$6,880,089	\$7,805,871	\$4,913,273	\$4,714,815	\$5,299,737	\$29,613,785

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 two air utility vehicles with two new air utility vehicles, one in FY 2018/19 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 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 2018/19 and FY 2021/22.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$483,084	-	-	\$527,878	-	\$1,010,962
Total	\$483,084	-	-	\$527,878	-	\$1,010,962

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 nine 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 eight command vehicles; two in FY 2018/19, 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 2018/19, FY 2021/22, and FY 2022/23.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$197,006	-	-	\$323,025	\$332,715	\$852,746
Total	\$197,006	-	-	\$323,025	\$332,715	\$852,746

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 units carry hose, water and a skid mounted pump. The system injects air into making a very rich foam allowing the crews to pretreat building 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 three CAFS units 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 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.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	-	-	-	\$799,896	\$799,896
Total	-	-	-	-	\$799,896	\$799,896

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.

CREW CAB DOZER TENDER

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: Crew cab dozer tenders have a multitude of uses for the Crews and Equipment section. The primary use is to support, fuel, oil, and carry repair materials needed for the department's bull dozers, graders and other miscellaneous off-road equipment. These units are also sent out of the county to support the section on large campaign fires. Approximately thirty percent of the cost of this vehicle is for equipment. This project is for the replacement of two dozer tenders in FY 2018/19.



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 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 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$163,772	-	-	-	-	\$163,772
Total	\$163,772	-	-	-	-	\$163,772

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.

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 replacement of one dozer transport trailer with one new 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 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 2021/22.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	-	-	\$69,538	-	\$69,538
Total	-	-	-	\$69,538	-	\$69,538

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

ENGINE – TYPE 1

Project Priority: A

Project Type: Vehicle Replacement

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 project is for the replacement of twenty-four Type 1 engines as follows: six in FY 2018/19, six in FY 2019/20, six in FY 2020/21, one in FY 2021/22, and five 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 Type 1 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.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost						
Vehicles (Emergency)	\$3,777,648	\$3,890,976	\$4,007,700	\$687,998	\$3,543,185	\$15,907,507
Total	\$3,777,648	\$3,890,976	\$4,007,700	\$687,998	\$3,543,185	\$15,907,507

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 Replacement

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 2018/19.



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 purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5- Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$58,714	-	-	-	-	\$58,714
Total	\$58,714	-	-	-	-	\$58,714

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

FULL-SIZE 4-DOOR EXECUTIVE MANAGEMENT

Project Priority: A

Project Type: Vehicle Replacement

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 full-size 4-door vehicles; three are scheduled 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 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 purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in FY 2021/22 and 2022/23.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	-	-	\$200,592	\$206,607	\$407,199
Total	-	-	-	\$200,592	\$206,607	\$407,199

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces 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 two paramedic squads 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 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.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	-	-	-	\$417,334	\$417,334
Total	-	-	-	-	\$417,334	\$417,334

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

Project Management: Fleet Services Manager

Project Description: The pickup utility – ¾ ton units are located at each one of the nine battalions in the department. These vehicles are used for a variety of miscellaneous transportation needs. The units are also used as BC Command vehicles on occasion. This project is for the replacement of seven pickup utility – ¾ ton vehicles in FY 2018/19.



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 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 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost						
Vehicles (Emergency)	\$329,350	-	-	-	-	\$329,350
Total	\$329,350	-	-	-	-	\$329,350

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.

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. This units are outfitted with all tools and equipment needed in swift water rescue event. They are also outfitted 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.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	-	-	\$252,000	-	\$252,000
Total	-	-	-	\$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.

TRACTOR-DRAWN AERIAL (TDA) QUINT-100'

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 project is for the replacement of one new 100' tractor drawn aerial quint 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 trucks – 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 2021/22.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	-	-	\$1,548,622	-	\$1,548,622
Total	-	-	-	\$1,548,622	-	\$1,548,622

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.

MOBILE 911 EMERGENCY COMMAND CENTER

Project Priority: B

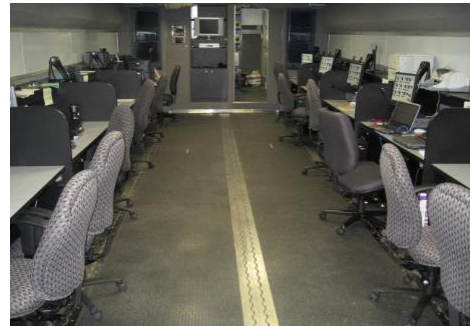
Project Type: Equipment Replacement

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 has been pushed back one year to FY 2019/20 after reprioritizing project which required a re-budget of funds.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Equipment	-	\$2,000,000	-	-	-	\$2,000,000
Total	-	\$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 2018/19 for station 67 (Rancho Mission Viejo), one in FY 2020/21 for station 52 (Irvine Business District), one in FY 2021/22 for station 12 (Laguna Woods).



Project Status: Purchase to occur in FY 2018/19, FY 2020/21, and FY 2021/22.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$751,496	-	\$797,261	\$821,178	-	\$2,369,935
Total	\$751,496	-	\$797,261	\$821,178	-	\$2,369,935

Impact on Operating Budget: The addition of each 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. These costs are include in the Five-Year Financial Forecast.

PARAMEDIC SQUAD-DEVELOPER FUNDED

Project Priority: A

Project Type: Vehicle Replacement

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 2018/19 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: Purchases to occur in FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$265,081	-	-	-	-	\$265,081
Total	\$265,081	-	-	-	-	\$265,081

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.

TRACTOR-DRAWN AERIAL (TDA) QUINT-100' / 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 100' tractor drawn aerial quint for FY 2019/20 for 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 trucks – 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 2019/20.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost						
Vehicles (Emergency)	-	\$1,774,683	-	-	-	\$1,774,683
Total	-	\$1,774,683	-	-	-	\$1,774,683

Impact on Operating Budget: The addition of a TDA 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. These costs are included in the Five-Year Financial Forecast.

FUEL TENDER

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The fuel tender carries five hundred gallons of gasoline and five hundred gallons of diesel fuel. This unit is used for emergence and remote fueling for both gasoline and diesel fuel vehicles and apparatus. This unit can fuel vehicles and apparatus on the fire ground and in backcountry events. This project is for the replacement of one fuel tender in FY 2018/19.



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 – heavy vehicles are 18 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 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost Vehicles (Support)	\$171,000	-	-	-	-	\$171,000
Total	\$171,000	-	-	-	-	\$171,000

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.

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 three mid-size 4-door vehicles in FY 2018/19.



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: Purchases to occur in FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)	\$116,400	-	-	-	-	\$116,400
Total	\$116,400	-	-	-	-	\$116,400

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 Community Risk Reduction, Property Management, Nurse Educators, and Community Education Departments to conduct off-site inspections and conduct education. This project is for the replacement of seventeen mid-size pickup-1/2 ton vehicles, with the addition of four mid-size pick-up ½ ton for our nurse educators: Eight in FY 2018/19, four in FY 2019/20, three in FY 2020/21, 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 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 every year in the next four fiscal years through FY 2021/22.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)	\$272,264	\$140,212	\$108,312	\$77,984	-	\$598,772
Total	\$272,264	\$140,212	\$108,312	\$77,984	-	\$598,772

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.

SERVICE TRUCK – HEAVY VEHICLE

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The service truck – heavy vehicles carries large quantities of oil and a welder, providing the ability to service vehicles at fire stations or on large fires. This project is for the replacement of one service truck – heavy vehicle in FY 2018/19.



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 – heavy vehicles are 18 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 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)	\$150,000	-	-	-	-	\$150,000
Total	\$150,000	-	-	-	-	\$150,000

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.

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 three service trucks - light vehicles one in FY 2018/19 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 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: Purchase to occur in FY 2018/19 and FY 2021/22.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)	\$94,274	-	-	\$206,000	-	\$300,274
Total	\$94,274	-	-	\$206,000	-	\$300,274

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.

INFORMATION TECHNOLOGY TRAILER/ INCIDENT MANAGEMENT SUPPORT

Project Priority: B

Project Type: New Vehicle

Project Management: Information Technology

Project Description: The Information Technology (IT) Trailer will be used to deliver Incident Management Team (IMT) “Cache” Computer Equipment to the Basecamp and Training events. Much of the “Cache” equipment is currently stored in the RFOTC Data Center taking up valuable floor space. This equipment will be stored in the IT/IMT trailer so that it is pre-staged and ready for rapid deployment in the event of a major incident. The trailer will also serve as a mobile office during the supported incidents for IT Administrators.



When the trailer is not actively in use during major incidents it will be used as a mobile office for support staff during major IT projects such as the Fire Station Alarm upgrades which require dedicated office space onsite for project management.

Purchasing a dedicated IT/IMT trailer will eliminate the requirement for Operational personnel to deliver IMT “Cache” computer equipment resulting in faster responses for major incidents and annual training events, as well as improve support for major OCFA IT projects.

Project Status: The IT/IMT trailer will be purchased in FY 2018/19.

Description	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	5-Yr. Total
Project Cost	\$50,000	-	-	-	-	\$50,000
Vehicles (Support)						
Total	\$50,000	-	-	-	-	\$50,000

Impact on Operating Budget: No impact.



FINANCIAL STABILITY BUDGET POLICY

1. PURPOSE

- 1.1. To guide OCFA budget actions toward maintaining long-term financial stability and to establish contingency fund levels and annual funding targets for the Authority's General Fund and Capital Improvement Program (CIP) Funds.
- 1.2. To establish CIP fund balances that accumulate and deplete in harmony with the needs and timing of capital projects identified in the five-year CIP.
- 1.3. To facilitate accelerated payment of OCFA's unfunded liabilities for improved fiscal health.

2. ADOPTION AND REVIEW

- 2.1. This policy was originally adopted by the Board of Directors on May 23, 2002, and was implemented with the Fiscal Year 2002/03 Budget Update.
- 2.2. This policy shall be reviewed periodically for recommended revisions in order to maintain the policy in a manner that reflects the ongoing financial goals of the Authority.
- 2.3. Policy revisions shall be reviewed by the Budget and Finance Committee and approved by the Board of Directors.

3. POLICY

- 3.1. The Five-Year Financial Forecast shall be used as a budget tool that's updated annually in conjunction with the budget for projected revenues and expenditures. The Five-Year Forecast will include all OCFA budgetary funds to provide a picture of the Authority's overall fiscal health.
 - 3.1.1 The Five-Year Forecast will also be updated whenever a significant financial event occurs or is anticipated to occur mid-year in order to assess the severity of the impact.
 - 3.1.2 The Five-Year Forecast shall also be evaluated before undertaking any significant financial commitment to ensure the Authority's fiscal health is maintained.

- 3.1.3 It should be noted that data included in the first two years of the forecast is the most predictable and reliable.
- 3.1.4 Data contained in the outer years of the forecast is less reliable due to uncertainties regarding items such as future property tax growth, benefit costs, and capital needs. Although less reliable, the information is a useful indicator of trends and the potential need for early corrective intervention.
- 3.2. The proposed operating budget (General Fund) submitted by Authority staff shall be a balanced budget.
- 3.3. The Authority shall also strive to achieve a projected operating budget that's balanced for all years included in the Five-Year Financial Forecast.
- 3.4. The Authority shall maintain a contingency reserve in the General Fund set at 10% of operating expenditures for unplanned emergencies.
 - 3.4.1 Operating expenditures exclude grant-funded expenditures, accelerated payments toward unfunded liabilities, and operating transfers out to the CIP.
- 3.5. Funds available for transfer out of the General Fund after funding annual expenses (net general fund revenue, or "surplus") shall be allocated as follows:
 - 3.5.1 Net General Fund, or surplus general fund revenue, shall be calculated for transfer each year as part of the March mid-year budget adjustments, except in the following circumstance:
 - 3.5.1.1. If needed, operating transfers of surplus general fund revenue shall be made to the CIP fund(s) at the beginning of the fiscal year sufficient to prevent the CIP fund(s) from experiencing a negative fund balance during the fiscal year. -
 - ~~3.5.1~~ 3.5.1.2. The operating transfers of surplus general fund revenue made at the onset of the fiscal year shall be reconciled with the calculation outlined in 3.5.2 at the Mid-year Budget Adjustment.
 - 3.5.2 In March of each year, after funding any incremental increase required to maintain the 10% General Fund contingency reserve, 50% of the remaining surplus shall be transferred to the CIP and 50% shall be allocated as accelerated payment of OCFA's unfunded liabilities (first toward pension liability until achieving an 85% funding level, and then toward Retiree Medical), except in the following circumstances:
 - 3.5.2.1. If the 50% allocation to the CIP, when combined with CIP fund balance and other CIP revenues, is insufficient to fund that year's

CIP expenses, then a sufficient percentage of the surplus (up to 100%) may be transferred to the CIP to fund that year's CIP expenses. Any remainder shall be allocated as an accelerated payment of OCFA's unfunded liabilities.

3.5.2.2.If the 50% allocation to the CIP, when combined with CIP fund balance and other CIP revenues, exceeds the cost of projects in OCFA's five-year CIP (including projects identified as deferred) then the amount transferred to the CIP shall be reduced below 50% to only fund the incremental increase needed for funding of the five-year CIP. Any remainder shall be allocated as an accelerated payment of OCFA's unfunded liabilities.

3.6. The Authority shall review reserve fund levels annually for the CIP funds and establish annual funding targets as follows:

3.6.1 CIP funds will include:

- Fund 12110 – General Fund CIP
- Fund 123 – Fire Stations and Facilities
- Fund 124 – Communications & Information Systems
- Fund 133 – Fire Apparatus

3.7.2 The amount of revenue available for transfer from the General Fund to the CIP shall be allocated based on the existing reserve balance in each CIP fund and based on the future needs identified in the five-year CIP, and conformed with Section 3.5.2 above.

Priority #1: Each CIP fund shall be allocated sufficient funds to meet planned expenditures included in the upcoming fiscal year. Sufficient funds can be a combination of existing fund balance plus new revenues and operating transfers in from the General Fund.

Priority #2: After meeting the needs for the upcoming fiscal year in each CIP fund, any additional funding shall be allocated based on planned expenditures included in the second fiscal year of the five-year CIP. This process shall be repeated for future years to the extent that funding is available.

Ultimate Funding Target: Although this status may or may not be achieved, a fully funded five-year CIP would be our ultimate goal and would allow OCFA to rest assured that all projects identified within our planning horizon have funds earmarked for those projects.

- 3.7. The Authority will analyze the feasibility of paying its annual retirement contributions to the Orange County Employees Retirement System (OCERS) early each year, to take advantage of the discount offered by OCERS.
 - 3.7.1 OCERS reviews and sets the early payment discount rate each year. The employer is given the full discount set by OCERS if payment is made in January, a full year in advance, and one-half the discount if payment is made six months in advance in July.

Budget & Finance Committee

**FY 2018/19 Proposed Budget
May 9, 2018**



Areas for Review

- **Proposed 2018/19 General Fund Budget**
- **Proposed Five-Year Capital Improvement Program**
- **Updated Five-Year Financial Forecast**
- **Progress Update - Pension Paydown Plan**



Executive Management Budget Reviews

Just because we can,
doesn't mean we should!!

Cash Contracts = 4.5% ↑ w/out any SBR's

→ Seal Beach

→ Westminster

→ Garden Grove will be watching

+6% ↑ expenses w/out SBR's

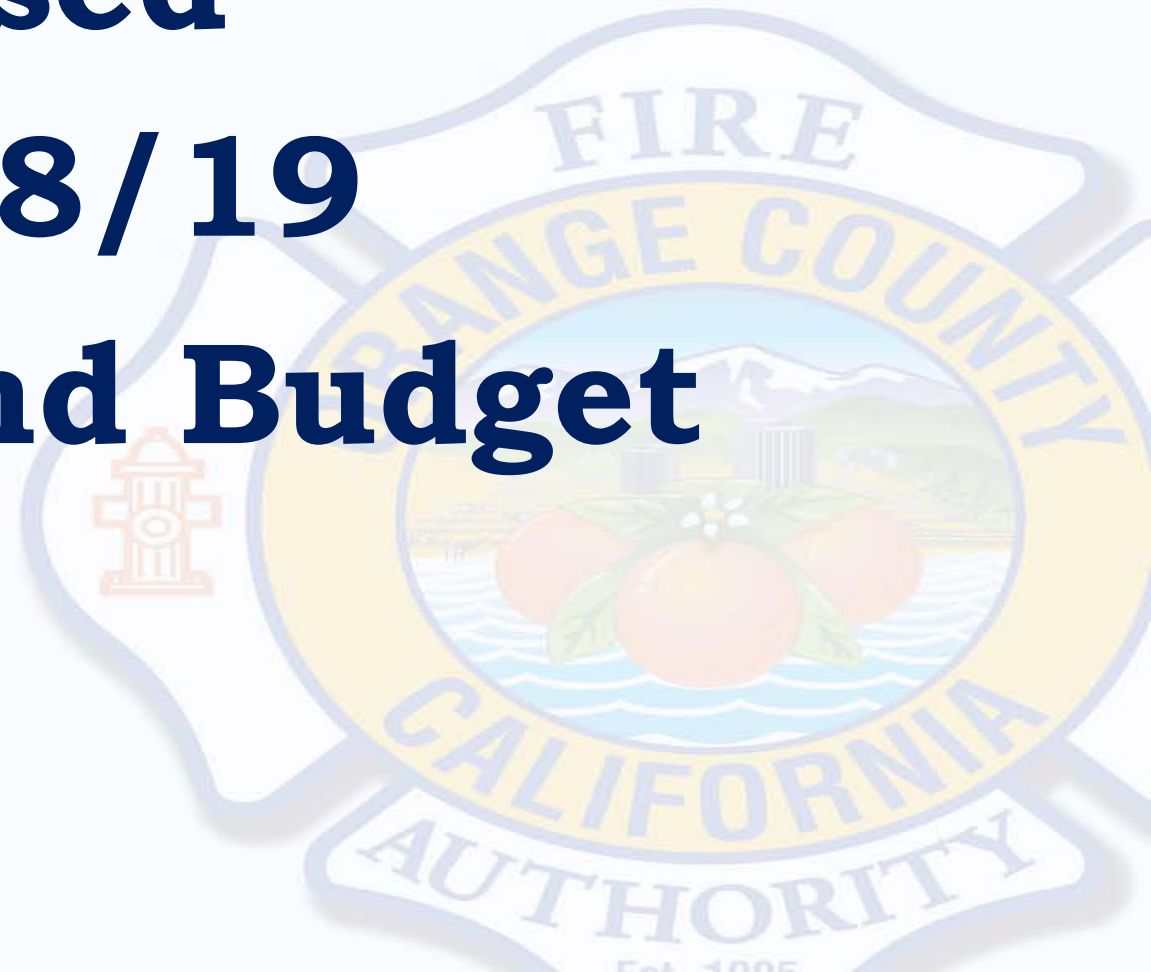
+3% ↑ salaries for FF & COA Moli's

+33% ↑ workers' comp

+ \$8.8M total SBR's

= + 2.3% more, added to +6% above

**Proposed
FY 2018/19
General Fund Budget**



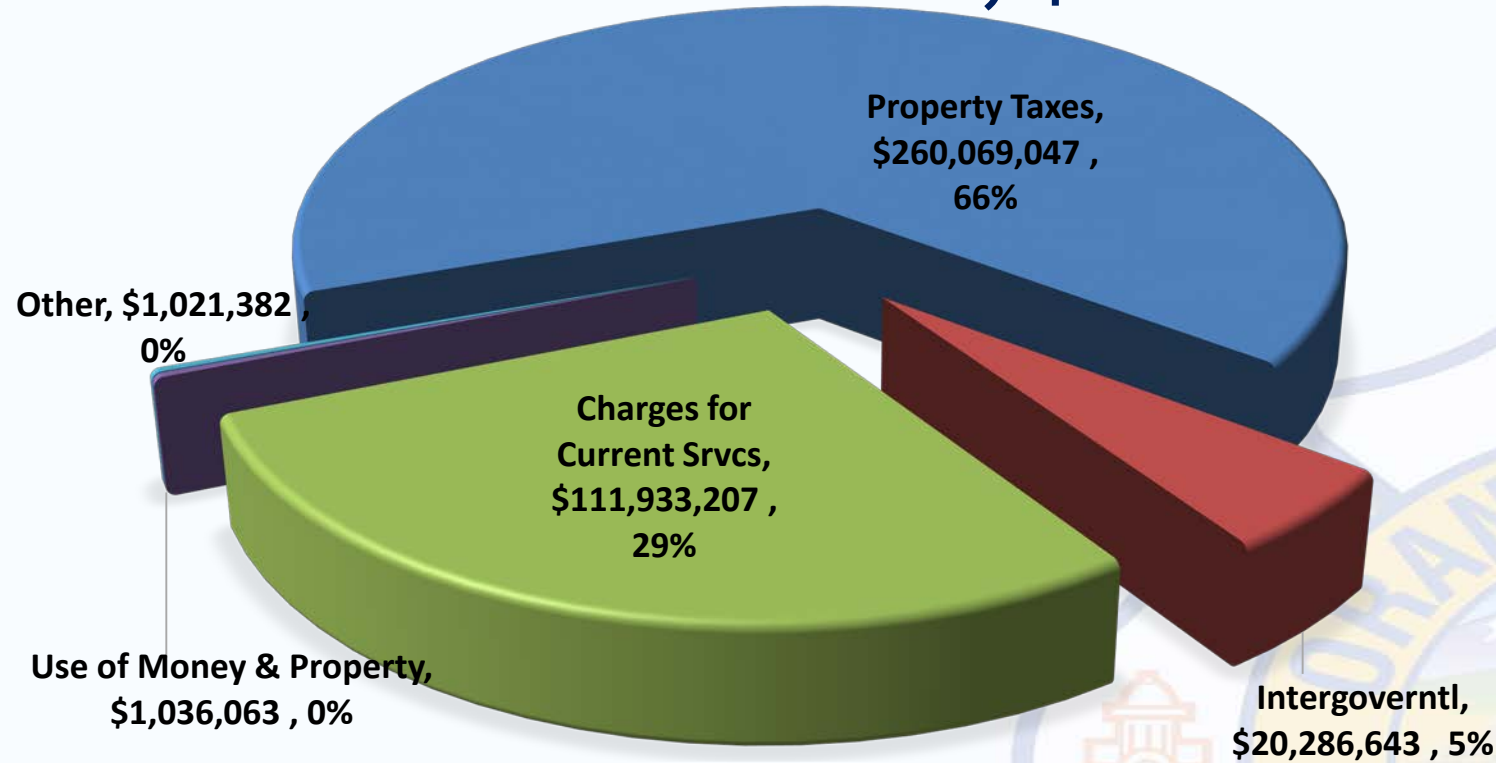
General Fund Overview

- Ongoing Revenues are projected at \$394 million, a 6.93% increase over FY 2017/18
- Ongoing Expenditures are projected at \$366 million, a 4.33% increase over FY 2017/18
 - Total expenditures, including one-time project costs (\$1.7M) and voluntary payments for accelerated pension paydown (\$9.2M), equate to \$377 million

Overall, revenues exceed expenditures by \$17.6 million, providing funds for capital needs, accelerated pension paydown, and reserve requirements

General Fund Revenue

6.93% Growth, \$394M



Revenue Increases

- Secured Property Taxes = 7.04%, \$16.2M
- Intergovernmental (CAL-FIRE, SAFER Grant, Redevelopment Pass-thru) = 29.0%, \$4.6M
- Charges for Services (Cash Contracts, JWA, CRR Fees) = 5.21%, \$5.5M

General Fund Revenue

Property Tax Projections

- Secured property taxes are projected to grow as follows:

	<u>Final Report</u>
– 2018/19	6.11%
– 2019/20	5.50%
– 2020/21	3.46%
– 2021/22	3.43%
– 2022/23	3.54%

*Average growth rate of 4.4%
for the next five years*

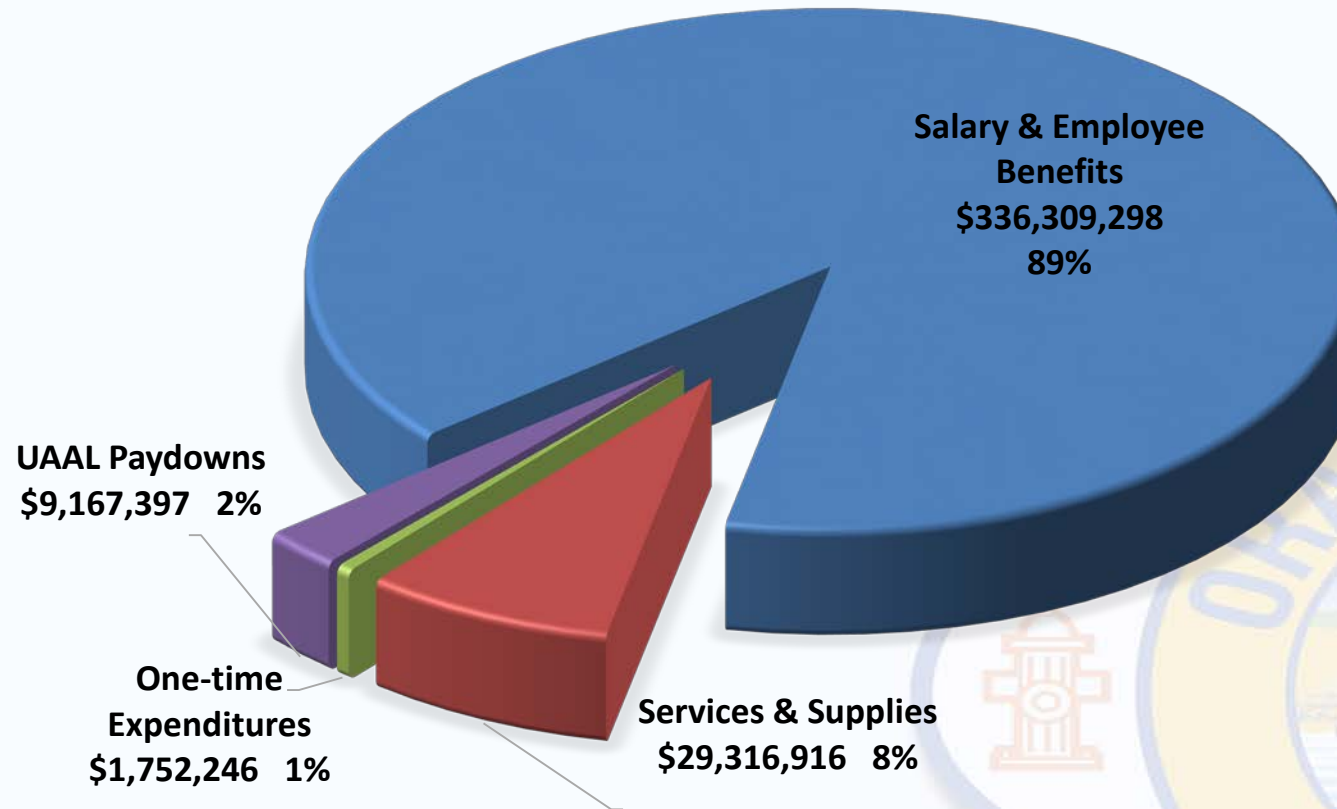
- For comparison, the past 5 years actual growth has been:

– 2013/14	3.43%
– 2014/15	7.31%
– 2015/16	7.01%
– 2016/17	5.95%
– 2017/18	6.82%

*Average growth rate of 6.1%
for the last five years*

General Fund Expenditures

4.33% Growth, \$366M (ongoing expenditures)

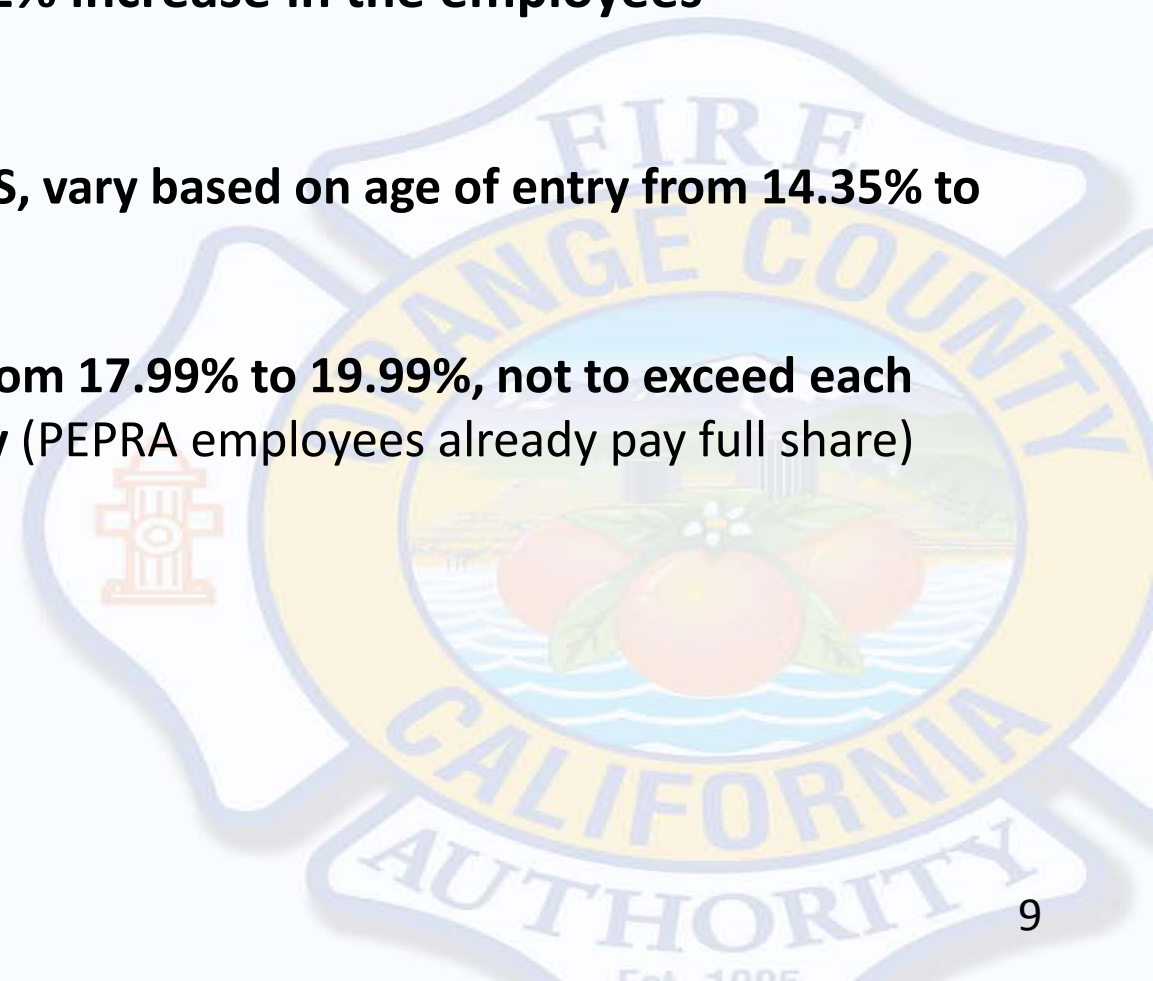


Expenditure Increases

- Salary & Employee Benefits (S&EB) = 4.46%, \$14.4M
- Services & Supplies (S&S) = 2.74%, \$781K

General Fund Expenditures

- Salaries and benefits reflect the following MOU changes during 18/19:
 - Firefighter (FF) Unit – 3.20% COLA offset by a 2% increase in the employees' retirement contribution
 - FF Unit employee contribution rates, per OCERS, vary based on age of entry from 14.35% to 20.26% for legacy members with 3@50
 - FF Unit employee contributions will increase from 17.99% to 19.99%, not to exceed each employee's required rate based on age of entry (PEPRA employees already pay full share)

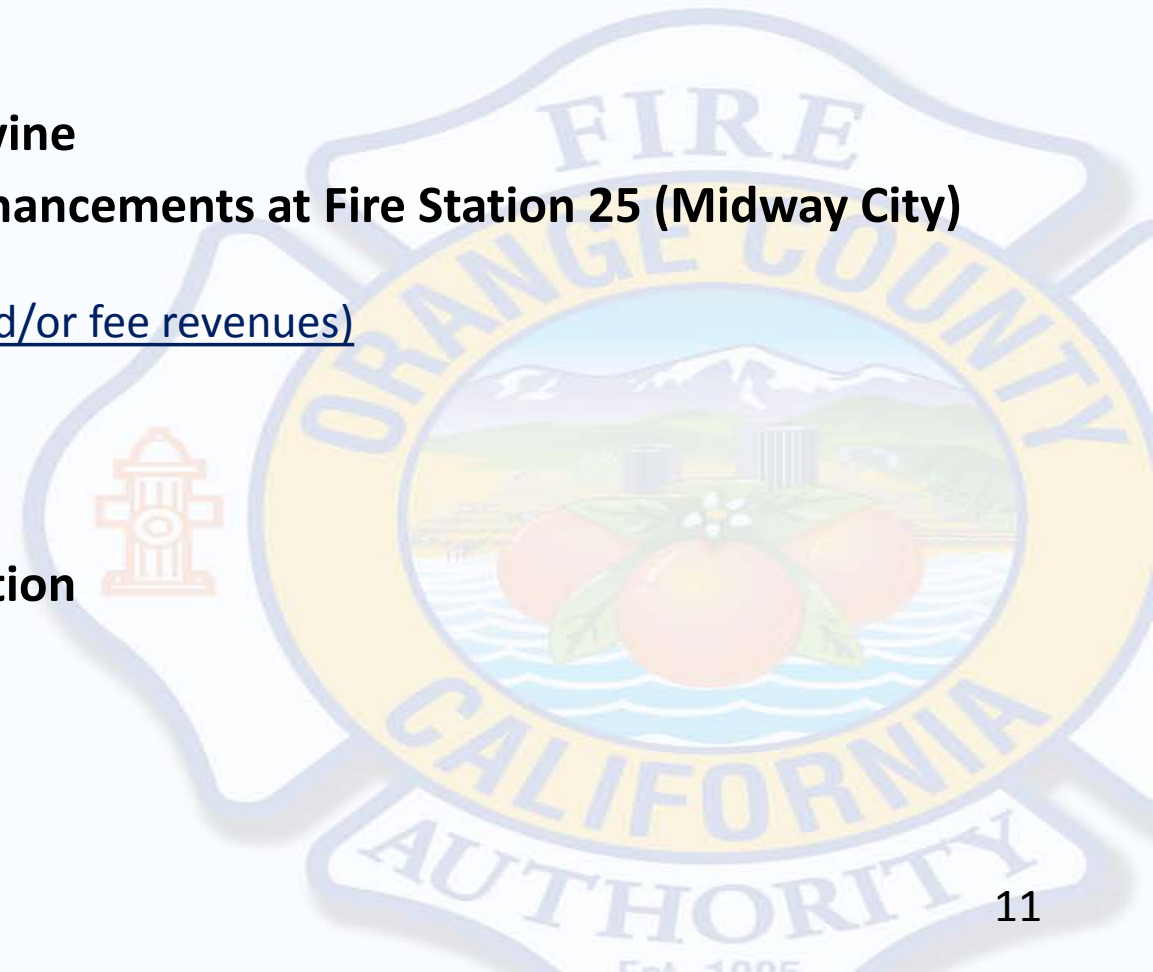


General Fund Expenditures

- Fire Management (FM) Unit – 3.3% COLA offset by a 3.3% increase in the employees' retirement contribution
 - FM Unit employee contribution rates range from 14.35% to 20.26% for 3@50 legacy members
 - FM Unit employee contributions will increase from 15.99% to 19.29%, not to exceed each employee's required rate based on age of entry (PEPRA employees already pay full share)
- OCEA & OCFAMA – no COLA included in the budget pending negotiation of new MOUs
 - These employees already pay full retirement contributions, which range from 9.23% to 16.01% for legacy members enrolled in the 2.7@55 benefit formula
 - OCEA's MOU expired December 2017 and OCFAMA's MOU expires June 2018

General Fund Expenditures

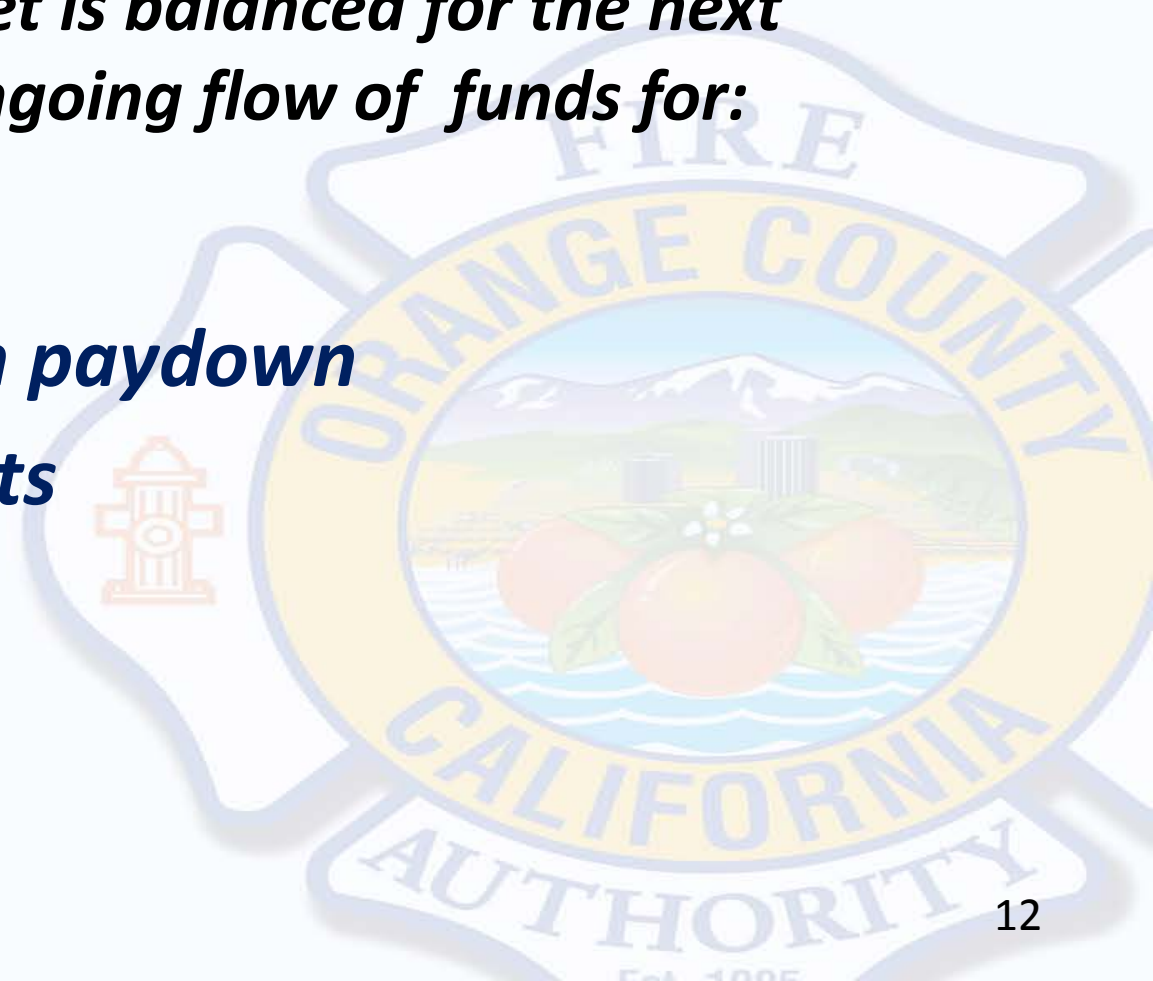
- Proposed budget seeks to fund 9 added positions, with no impact to Cash Contract charges since all are funded by SFF, fee revenues, or other reductions in the budget
 - 6 safety positions (funded by SFF revenues)
 - 3 Battalion Chiefs to serve a new Battalion in Irvine
 - 3 FF/Paramedics to continue phased service enhancements at Fire Station 25 (Midway City)
 - 3 non-safety positions (funded by S&S reductions and/or fee revenues)
 - 1 Accountant in Finance
 - 1 Fire Equipment Technician in EMS
 - 1 Fire Delivery Driver in Community Risk Reduction



General Fund Summary

Overall, FY 2018/19 revenues exceed expenditures by \$17.6 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 requirements*

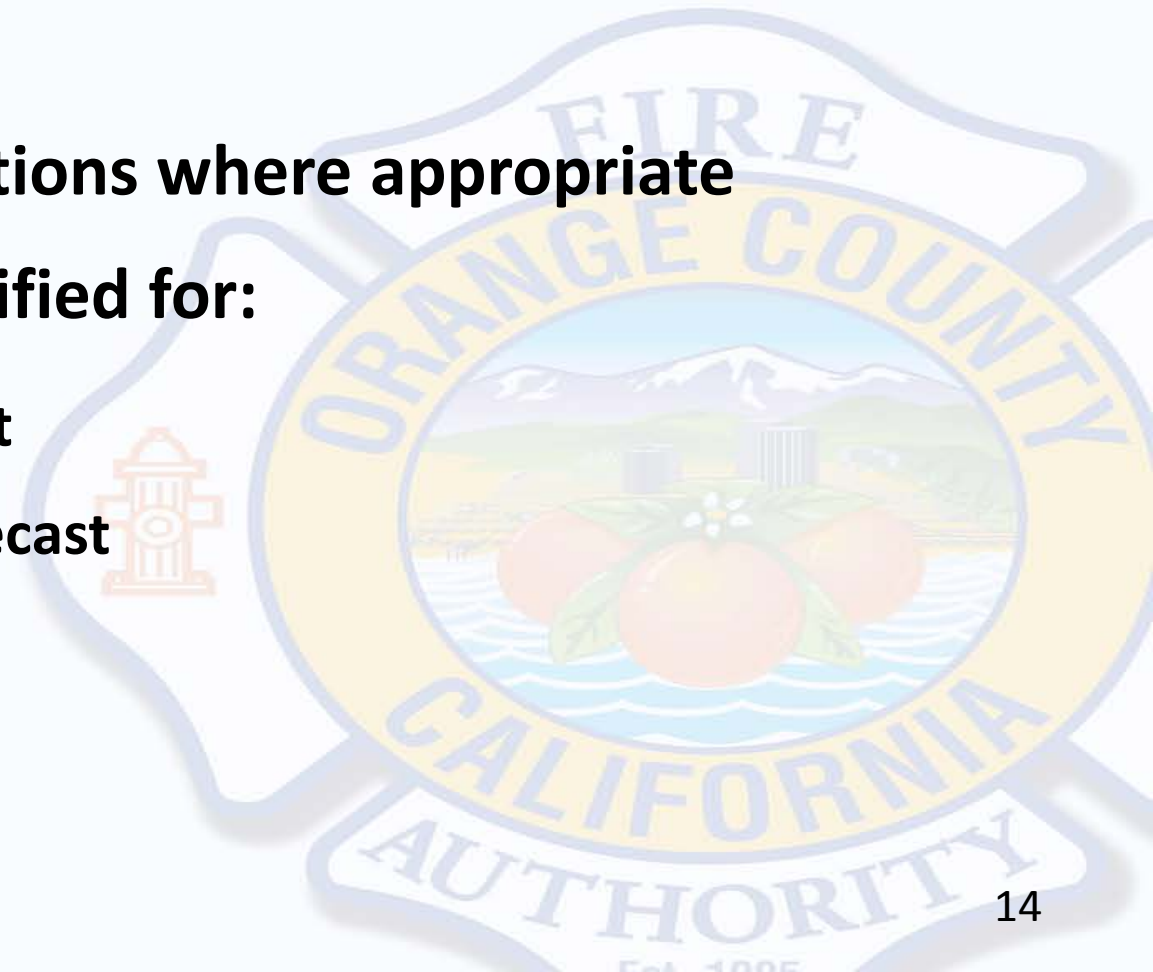


2018/19 – 2022/23
Proposed
Five-Year CIP Budget



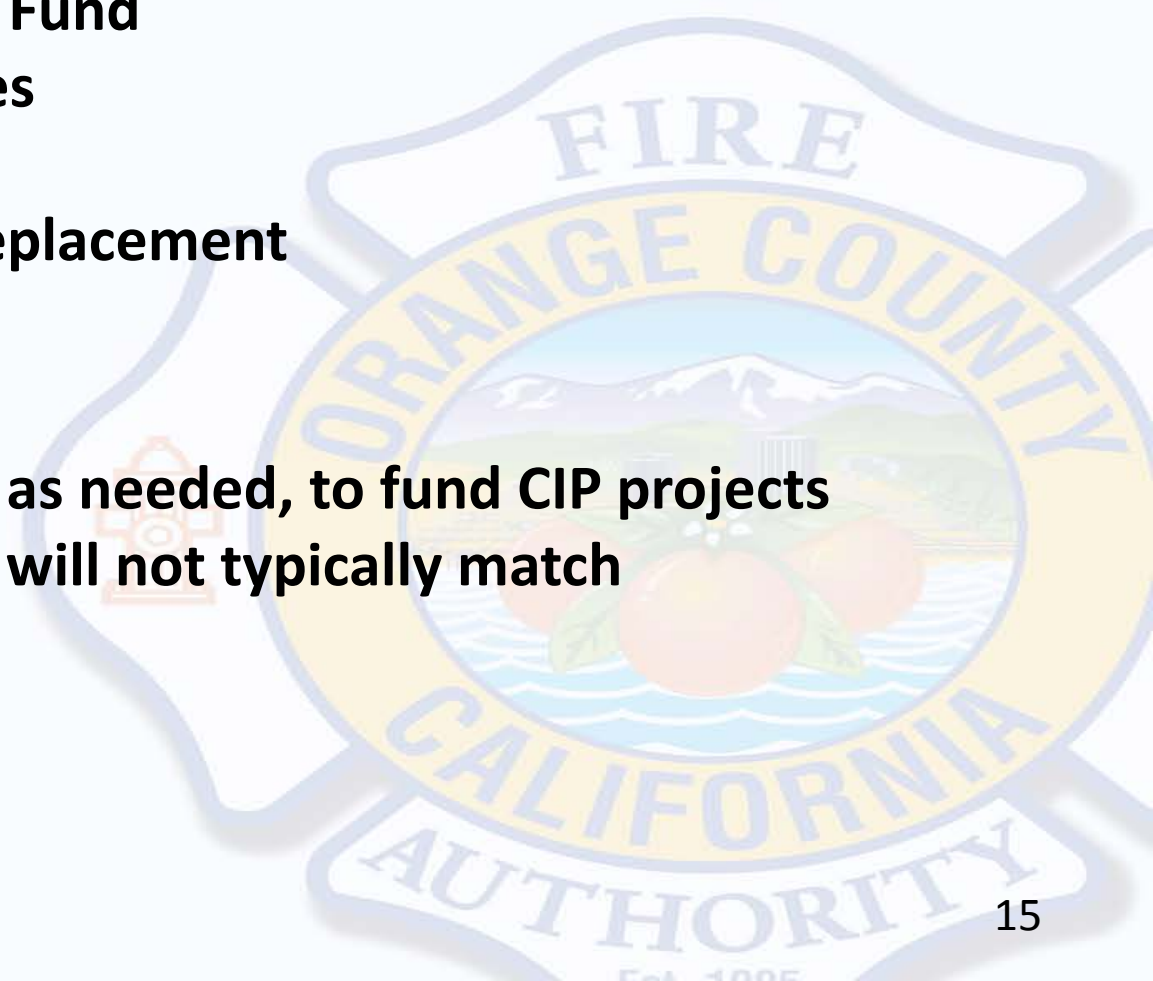
CIP Planning Process

- 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

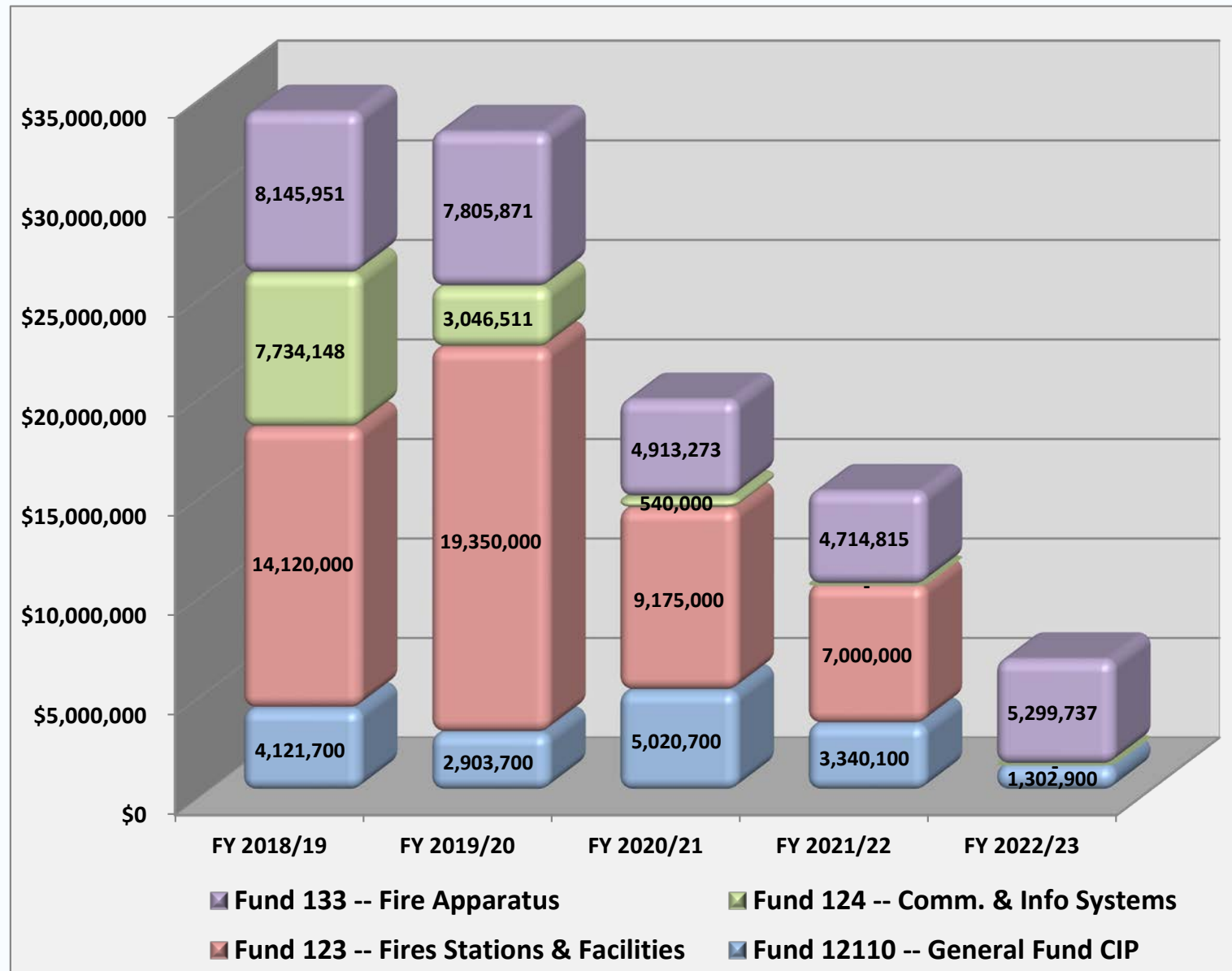


CIP Funding

- **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



Five-Year Financial Forecast (Budget Book)

	<i>Year 1</i> FY 2018/19	<i>Year 2</i> FY 2019/20	<i>Year 3</i> FY 2020/21	<i>Year 4</i> FY 2021/22	<i>Year 5</i> FY 2022/23
Beginning Fund Balance	168,335,126	154,520,639	147,963,841	153,380,653	159,523,173
General Fund Revenues	394,346,342	413,483,816	427,401,142	440,987,952	460,674,315
General Fund Expenditures	367,537,460	373,909,347	393,012,085	410,892,063	420,546,904
Paydown of UAAL	9,167,397	9,648,658	12,368,859	14,279,280	17,787,217
Total General Fund Expenditures	376,704,857	383,558,004	405,380,944	425,171,343	438,334,121
Net General Fund Revenue	17,641,486	29,925,812	22,020,198	15,816,609	22,340,194
Less Incremental Increase in 10% GF Op. Cont.	5,469,229	637,189	1,910,274	1,787,998	965,484
General Fund Surplus / (Deficit)	12,172,257	29,288,623	20,109,924	14,028,611	21,374,709
Operating Transfer to CIP Funds	6,086,129	17,958,588	16,480,300	11,780,648	10,687,355
Paydown of UAAL from General Fund Surplus	6,086,129	11,330,035	3,629,624	2,247,963	10,687,355
CIP/Other Revenues	29,598,482	41,248,908	39,260,383	36,223,330	35,127,171
CIP/Other Expenses	48,882,197	48,442,895	35,753,845	31,868,808	24,156,766
CIP Surplus / (Deficit)	(19,283,715)	(7,193,987)	3,506,538	4,354,522	10,970,406
Ending Fund Balance	154,520,639	147,963,841	153,380,653	159,523,173	171,459,063

Five-Year Financial Forecast (5/8/18 Update)

	<i>Year 1</i> FY 2018/19	<i>Year 2</i> FY 2019/20	<i>Year 3</i> FY 2020/21	<i>Year 4</i> FY 2021/22	<i>Year 5</i> FY 2022/23
Beginning Fund Balance	168,335,126	154,520,639	147,795,620	152,912,589	158,948,399
General Fund Revenues	394,346,342	413,481,954	427,394,099	440,976,412	460,662,319
General Fund Expenditures	367,537,460	372,227,553	388,333,468	405,148,999	415,457,107
Paydown of UAAL	9,167,397	9,648,658	12,368,859	14,279,280	17,787,217
Total General Fund Expenditures	376,704,857	381,876,211	400,702,327	419,428,279	433,244,324
Net General Fund Revenue	17,641,486	31,605,744	26,691,773	21,548,132	27,417,995
Less Incremental Increase in 10% GF Op. Cont.	5,469,229	469,009	1,610,591	1,681,553	1,030,811
General Fund Surplus / (Deficit)	12,172,257	31,136,734	25,081,181	19,866,579	26,387,184
Operating Transfer to CIP Funds	6,086,129	17,958,615	16,480,402	11,780,815	13,193,592
Paydown of UAAL from General Fund Surplus	6,086,129	13,178,119	8,600,779	8,085,764	13,193,592
CIP/Other Revenues	29,598,482	41,248,866	39,260,223	36,223,065	37,662,060
CIP/Other Expenses	48,882,197	48,442,895	35,753,845	31,868,808	24,156,766
CIP Surplus / (Deficit)	(19,283,715)	(7,194,029)	3,506,378	4,354,257	13,505,294
Ending Fund Balance	154,520,639	147,795,620	152,912,589	158,948,399	173,484,504

Progress Update Pension Paydown Plan



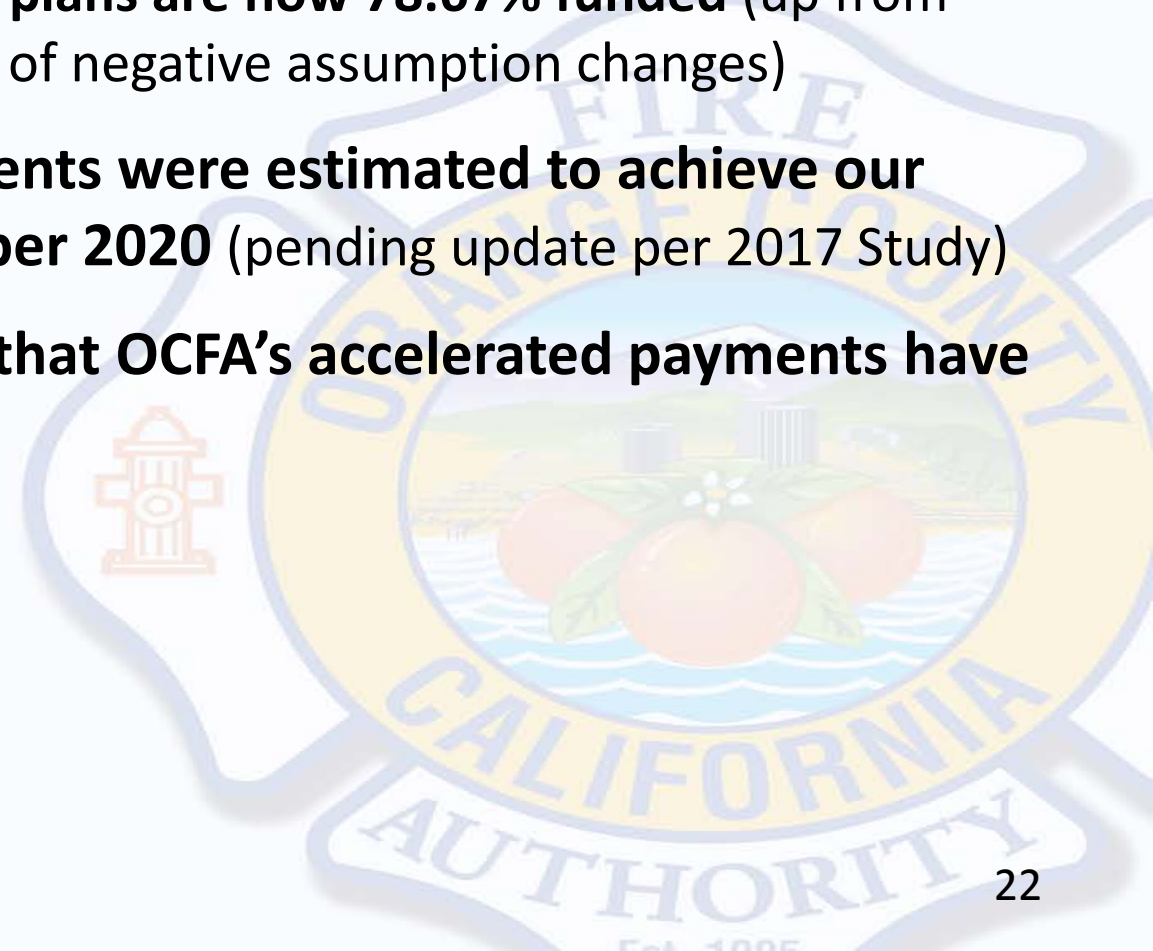
Pension Paydown Plan

- 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 \$25.3M during the first 5 years that have lapsed since Plan adoption
 - Our actual voluntary payments during these 5 years have totaled \$80.1M

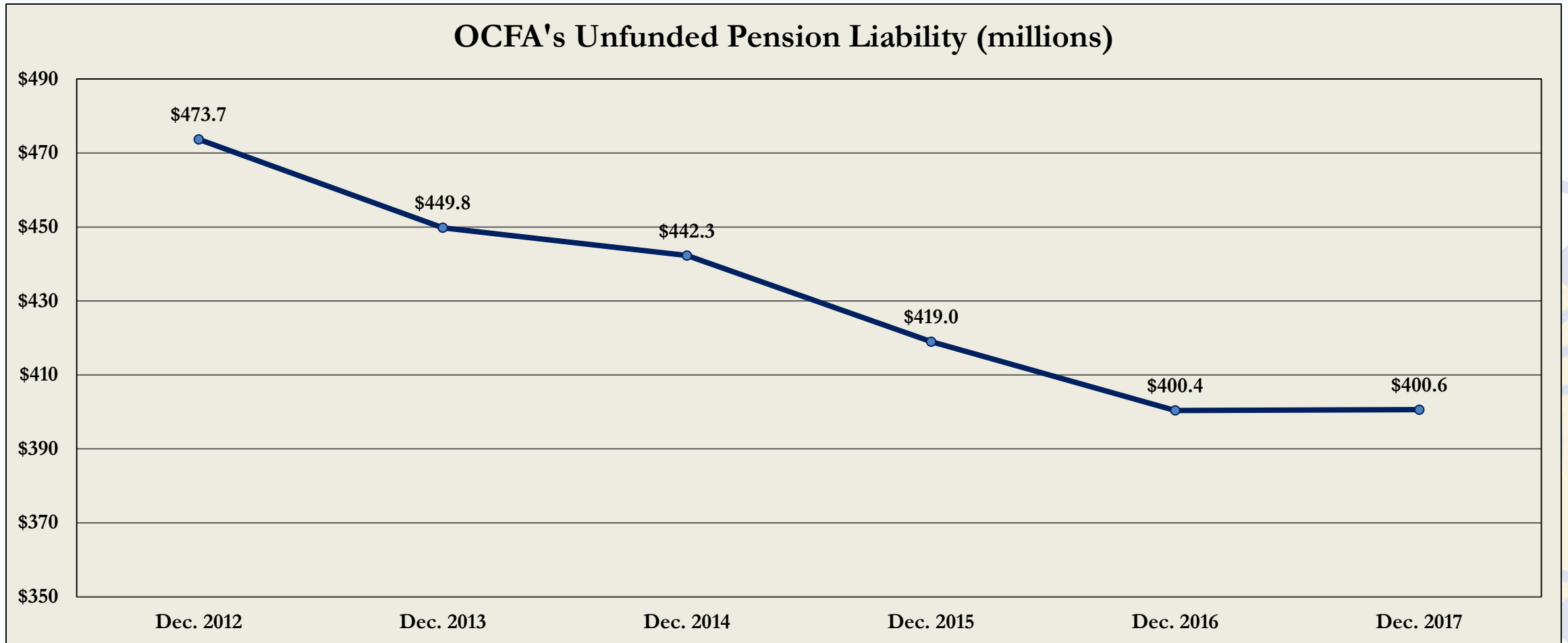
OCFA has exceeded the original Plan targets by \$54.8M in 5 years

Pension Paydown Plan

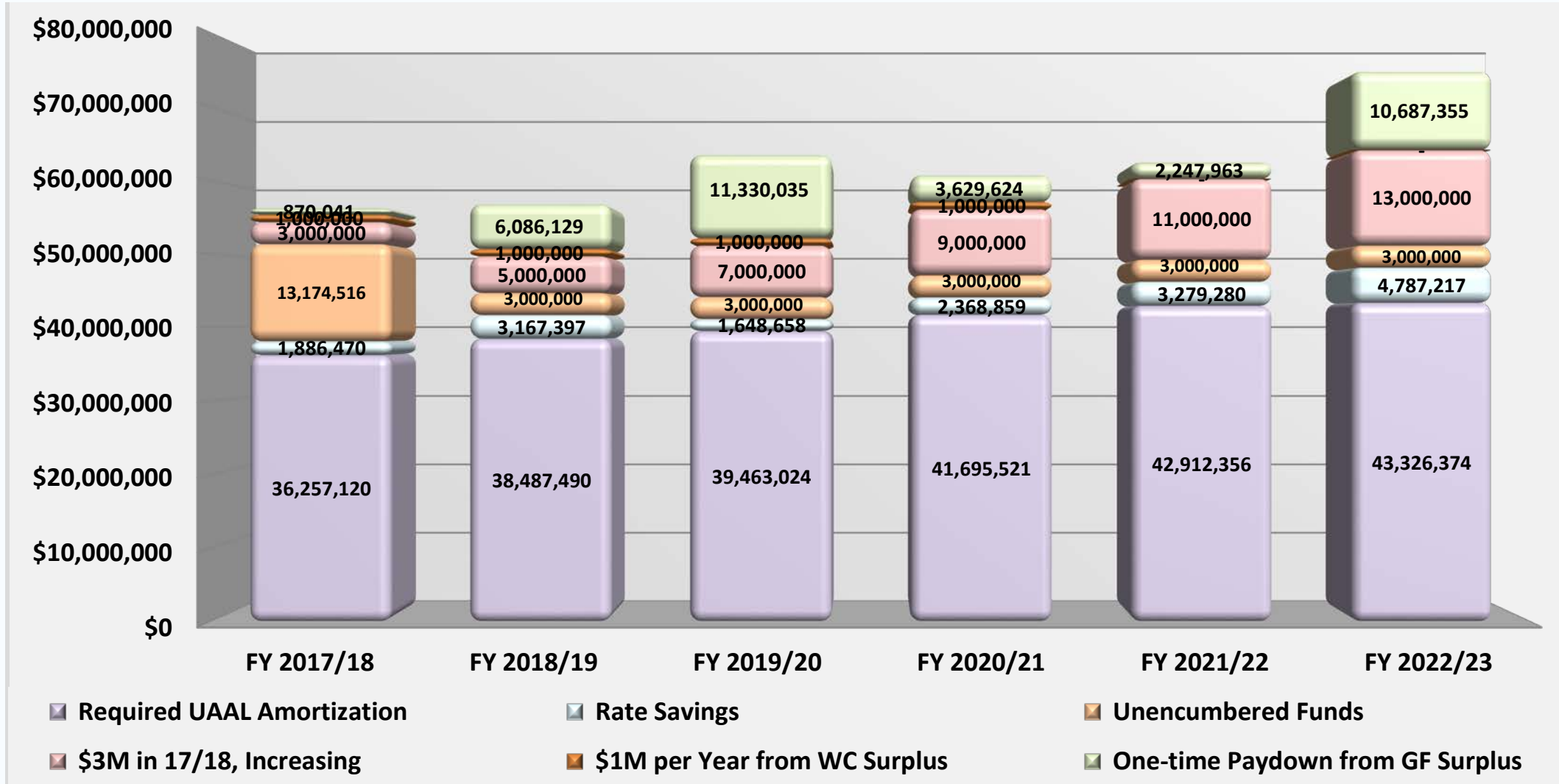
- The December 2017 Actuarial Study indicated:
 - OCFA's unfunded pension liability is now \$400.6M
 - OCFA's combined Safety & General pension plans are now **78.67% funded** (up from 76.75% last year, a 2% improvement in spite of negative assumption changes)
- As of the 2016 Study, OCFA's accelerated payments were estimated to achieve our Board-Adopted funding goal of 85% by December 2020 (pending update per 2017 Study)
- OCERS' actuary, The Segal Company, indicated that OCFA's accelerated payments have produced interest savings totaling \$11,466,202
 - 2014 = \$1,012,937
 - 2015 = \$2,084,402
 - 2016 = \$3,295,068
 - 2017 = \$4,285,039



Pension Paydown Plan



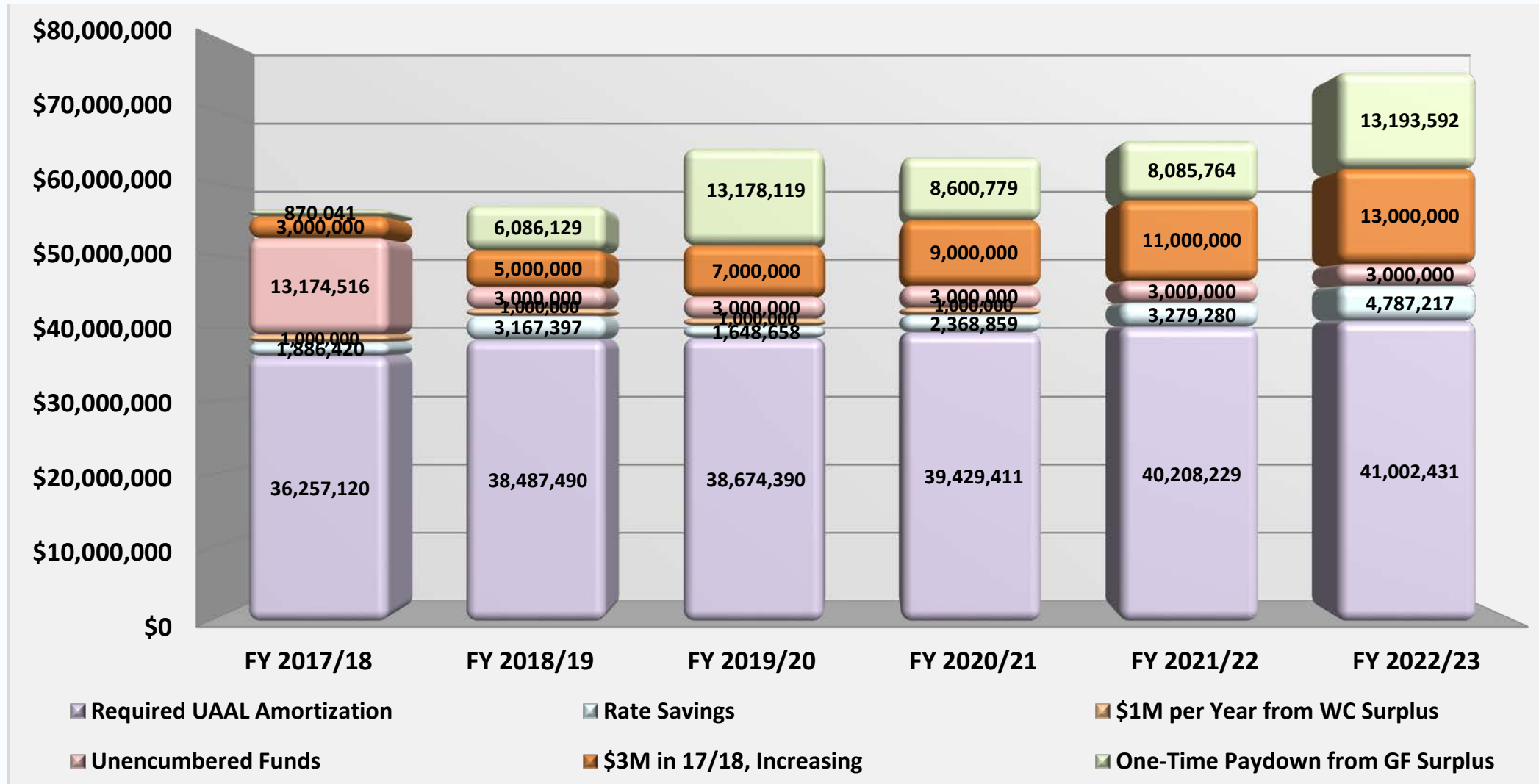
Pension Paydown Plan (Budget Book)



Total required payments above = \$242.1M and accelerated payments = \$132.2M

Total payments = \$374.3M or 93.4% of OCFA's total UAAL

Pension Paydown Plan (5/8/18 Update)



Total required payments above = \$234.1M and accelerated payments = \$147.3M

Total payments = \$381.4M or 95.2% of OCFA's total UAAL

Multiple Budget Reviews

- **Executive Management** 2/28
- **Executive Management** 3/12
- **CIP Ad Hoc Committee Review** 4/11
- **CM Budget & Finance Committee** 4/19
- **Labor Groups (OCEA, OCFAMA, COA, OCPFA)** 4/25
- **OCFA Budget & Finance Committee** 5/09
- **OCFA Board of Directors** 5/24





Orange County Fire Authority
AGENDA STAFF REPORT

Budget and Finance Committee Meeting
May 9, 2018

Agenda Item No. 4D
Discussion Calendar

Proposed Procurement Policy Manual

Contact(s) for Further Information

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Summary

This policy manual is submitted in accordance with the Procurement Ordinance, which was adopted by the Board on May 26, 2016. The policy manual provides greater detail on procurement processes and includes a policy required for federally funded procurements.

Prior Board/Committee Action

At the April 28, 2016, Board of Directors meeting the Purchasing Ordinance was introduced and was approved with one modification.

At the May 26, 2016, Board of Directors meeting, the Purchasing Ordinance No. 008 was approved and adopted at the second reading, replacing Ordinance No. 006 and No. 007.

RECOMMENDED ACTION(S)

Review the proposed agenda item and direct staff to place the item on the agenda for the Board of Directors meeting of May 24, 2018, with the Budget and Finance Committee's recommendation that the Board of Directors receive and file the Procurement Policy Manual.

Impact to Cities/County

Not Applicable.

Fiscal Impact

Not Applicable.

Background

The Orange County Fire Authority's Purchasing Ordinance 008 became effective on July 1, 2016, and was based on the American Bar Association (ABA) Model Procurement Code (MPC), which is considered a best practice in public procurement. The MPC was designed for reliable procurement processes and was developed, adopted, and revised by the ABA in 1979 and 2000 respectively. The Ordinance provides the legal foundation for all procurement functions for OCFA. Along with the Roles, Responsibilities, and Authorities Matrix, the Ordinance provides staff with the essential guidelines for performing the appropriate source selection methods for the daily needs of the Fire Authority, while allowing the Executive Committee and the Board of Directors to retain oversight in the procurement process.

The establishment of one extensive Ordinance governing the procurement process has provided a clear and consistent resource for staff, suppliers doing business with OCFA, and the public. The Ordinance was developed with the intent of being general rather than prescriptive in nature and has served the Authority well since adoption two years ago.

Development of OCFA Procurement Policy Manual

Staff has developed a Procurement Policy Manual to provide more in-depth guidelines related to the various procurement methods and thresholds, adhering to the laws set forth in the Ordinance. The manual was developed, in part by reviewing the policies of other government agencies, including the County of Orange, as well as the collective values and guiding principles of public procurement developed by the National Institute of Government Procurement (NIGP).

The Procurement Policy Manual addresses the federal purchasing requirements consistent with provisions of Title 2 of the Code of Federal Regulations (CFR) also known as the Uniform Guidance. The Office of Management and Budget (OMB) requires that non-federal entities comply with the procurement standards of the Uniform Guidance when federal funds are used. This includes federal funds received directly from the Federal government or from a pass-through agency such as the State of California. The OMB has granted a three-year grace period allowing agencies time to implement the requirements. This Procurement Policy Manual implements the federal procurement requirements, which are effective July 1, 2018.

Differences between Procurement (County of Orange and OCFA)

The County of Orange operates in a decentralized procurement environment with individual departments handling their own procurements. The County's Ordinance is general in nature with the County's Contract Policy providing greater detail on procurement procedures. This is critical to ensure uniformity in the decentralized environment where various departments have the responsibility for their individual procurements. The County of Orange recently adopted a Contract Policy Manual in 2017 that provides greater details on procurement process.

OCFA operates under a centralized procurement authority as prescribed in the Ordinance. The team of professional procurement staff are responsible to ensure that purchases are made in compliance with the Ordinance, the Roles, Responsibilities and Authorities Matrix, and federal and state laws under the direction of the Purchasing and Materials Manager.

Process for Developing the Policy Manual

Director Bartlett was instrumental in the development of the County's 2017 Contract Policy Manual and has provided recommendations to OCFA. This created an opportunity for procurement staff to develop a manual that provides a greater level of detail than the Ordinance about procurement processes, including federally funded procurements. The suggestions from Director Bartlett have been incorporated into the proposed Procurement Policy Manual and are identified as the red text within the manual.

While the Ordinance has served the agency well since July 2016, the Procurement Policy Manual will be an additional tool to assist the agency with day-to-day purchasing needs. The manual is intended to be a living document that may be updated from time-to-time as policies are amended. Staff is requesting that the Budget and Finance Committee direct staff to place the Procurement Policy Manual on the agenda for the Board of Directors meeting of May 24, 2018, with the action to receive and file the Procurement Policy Manual.

Attachment(s)

OCFA Procurement Policy Manual

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1. Purpose

The purpose of this manual is to provide a policy guide for staff involved in the procurement process pursuant to the Orange County Fire Authority Procurement Code, Ordinance No. 008, adopted by the OCFA Board of Directors on May 26, 2016. The Ordinance was created to simplify, clarify, centralize, and modernize the requirements governing OCFA procurement. The American Bar Association (ABA) Model Procurement Code (MPC) was the foundation in developing the OCFA Procurement Code.

The new Procurement Policy Manual is structured in the same order of the Procurement Code for ease of use. The intent of the Policy Manual is to provide more in depth details of the procurement policies as they relate to the content described in this manual.

The Procurement Policy Manual is intended to be a living document and may be updated from time to time as policies are amended.

2. General Provisions

Since the inception of Orange County Fire Authority on February 3, 1995, the agency has operated with centralized procurement authority with the goal of procuring needed supplies, services, and equipment of quality within the required time and at the best value in a manner consistent with legal requirements, good business practices, and proper fiscal control. The responsibility for all procurement activities lies under a single authority within the organization, and the Purchasing & Materials Manager serves as the central procurement and contracting authority.

OCFA elected to follow the State of California Public Contract Code as it applies to a general law city. As a result, there may be differences in the legal contracting requirements when the Authority is compared to the County or charter cities.

OCFA procurement policies apply to all contracts for the procurement of supplies, services, and construction, as well as every expenditure of federal, state, and local public funds irrespective of the source of funds. The policies also apply to contracts which do not involve an obligation of funds including the disposal of property that is no longer needed by the agency.

The policies **are not** applicable to grants awarded by the Authority, transactions involving the purchase, sale or lease of Fire Authority real property, professional witness, settlement of litigation or threatened litigation, or contracts with other governmental agencies.

3. Ethics and Standards of Conduct in Procurement

3.1 Ethics

The Purchasing & Materials Manager, as well as all those involved in Authority procurement, shall discharge their duties in accordance with high ethical standards by practicing their profession with integrity, honesty, truthfulness and adherence to the absolute obligation to safeguard the public trust. OCFA subscribes to, and accepts as its own, the Standards of Procurement Practice adopted by the California Association of Public Procurement Officials (CAPPO):

- To regard public service as a sacred trust, giving primary consideration to the interests of the public agency that employs us.
- To purchase without prejudice, seeking to obtain the maximum value for each dollar expended.
- To avoid unfair practices, giving all qualified vendors equal opportunity.
- To honor our obligations and require that obligations to our public agency be honored.
- To accord vendor representatives courteous treatment, remembering that these representatives are important sources of information and assistance in solving our purchasing needs.
- To refuse to accept any form of commercial bribery, and prevent any appearance of so doing.
- To be receptive to counsel from our colleagues, and to cooperate with them to promote a spirit of teamwork and unity.
- To conduct ourselves with fairness and dignity, and to demand honesty and truth in the purchasing process.
- To strive for greater knowledge of purchasing methods and of the materials we purchase.
- To cooperate with all organizations and individuals involved in activities designed to enhance the development of the purchasing profession, remembering that our actions reflect on the entire purchasing profession.

3.2 Standards of Conduct for All Parties Involved in Procurement

These standards establish a framework of expectations for Authority employees and other individuals involved in all phases and aspects of the procurement and contracting life cycle including acquisition planning, the solicitation phase, proposal evaluation, supplier selection, and the post award administration. These procurement standards are founded on applicable federal and California law.

Conflict of Interest. No employee, officer, or agent shall participate directly or indirectly in the selection or in the award or administration of any contract if a conflict, real or apparent, would be involved. Such conflict would arise when a financial or other interest in a firm selected for award is held by:

1. An employee, officer, or agent involved in making the award;
2. His/her relative (including father, mother, son, daughter, brother, sister, uncle, aunt, first cousin; nephew, niece, husband, wife, father-in-law, brother-in-law, sister-in-law, stepfather, stepmother; stepson, stepdaughter, stepbrother, stepsister, half-brother, or half-sister);
3. His/her partner; or
4. An organization which employs, is negotiating to employ, or has an arrangement concerning prospective employment of any of the above.

Understand and fully comply with the standards and your responsibilities as established by the OCFA General Order 06 (Exhibit 1) and avoid any actual or perceived conflict of interest throughout the procurement process. There are several conflict of interest laws, including Government Code § 1090 and the California Political Reform Act, which apply to procurement. These laws are grounded on the notion that government officials owe paramount loyalty to the public and decisions must be unbiased. Employees and other individuals are prohibited from participating in the making of a contract in which they have a financial interest. The law prohibits the same party from being on both sides of a contract. Individuals and contractors may not participate in the making of a contract and then bid or propose to do the work on that contract at a later date.

Avoid actual and perceived conflicts of interest throughout the entire procurement process. Do not seek or accept any favors, gifts or benefits that are not offered routinely to the general public from contractors, suppliers, vendors, firms or persons representing any of these entities, or other parties that are doing business, or seeking to do business, with the OCFA. Do not use your job to obtain benefits, directly or indirectly, for yourself or anyone else.

Conduct all OCFA business in an honest and impartial manner. Consistent with the requirements of law, policy and common sense, maintain appropriate confidentiality in both written and oral communications. Resolve issues effectively and ethically, while refraining from exercising any pressure on staff that could be perceived as trying to apply inappropriate influence.

Act for the benefit of OCFA. Ensure public money is spent solely for the benefit of the public and is consistent with applicable federal, State and local laws, regulations policies and procedures.

Failure to adhere to applicable federal and California law, General Order 06, and these Standards of Conduct is subject to disciplinary action up to and including termination, and or referral to appropriate enforcement agencies. Consultants, contractors or other individuals are subject to applicable laws and contractual requirements.

This written standards of conduct covering conflicts of interest and governing the actions of employees engaged in the selection, award and administration of contracts complies with requirements in 2 CFR Part 200, § 200.318, general procurement standards applicable for federally funded and pass through agency purchases.

4. Procurement Authority

Procurement derives its authority from federal, state, and local laws. The local authority is OCFA Purchasing Ordinance No. 008, passed and adopted May 26, 2016 with the specific intent of creating the governance of OCFA procurement. State laws that are applicable to OCFA procurement activities are found in the Government Code, the Civil Code, the Business and Professions Code, the Labor Code and the Public Contract Code. Federal law is applicable to OCFA procurement activities any time federal funds are used including funds received from pass through agencies such as the state of California. *See Section 15 of this manual for more details on federally funded procurement requirements.*

Board Authorized Purchases

All local authority rests with the OCFA Board of Directors unless it is delegated by statute or board action. When delegated, these authorities are further defined by contracts, resolutions, policies, or other board actions. The approved budget appropriation is the authorization by the Board to purchase capital equipment, services and materials for operations during the fiscal year.

Chief Procurement Officer Authority

The OCFA Purchasing Ordinance authorizes centralized procurement and contracting authority to the Chief Procurement Officer. The Chief Procurement Officer for OCFA is the Purchasing & Materials Manager. Centralized procurement requires that all procurement activities are completed under a single authority within the organization with the goal of procuring needed supplies, services and equipment of quality, within the required time and at the best value in a manner consistent with legal requirements, good business practices and proper fiscal control. The Purchasing & Materials Manager has the authority to award and sign contracts that do not exceed the amount defined under management authority in the OCFA Roles and Responsibilities Matrix (*specific to procurement*) (Exhibit 2). Contracts that exceed management authority may be executed by the Purchasing & Materials Manager or the Fire Chief upon approval of the Executive Committee or the Board of Directors.

Delegated Purchasing Authority

The professional procurement staff, including the positions of the Assistant Purchasing Agent and Buyer, have been delegated the authority to execute procurement contracts (i.e. purchase orders, blanket orders, and professional services contracts) on behalf of the Authority. *All professional purchasing staff are designated employees and are required to file a Statement of Economic Interest annually.*

Contract Signature Authority

Only those employees given explicit written authority by the Board, the Executive Committee, the Purchasing & Materials Manager or the Fire Chief may execute procurement agreements. (Procurement agreements are written contracts that bind the Authority and a supplier to a purchasing obligation). Such written authority includes terms and conditions, which are typically reviewed by General Counsel, and all such terms and conditions are to be adhered to. All procurement related agreements are to be submitted to Procurement for review and contract execution, regardless of the agreement's dollar value, form of payment used, or source of funds. Procurement staff will coordinate agreement review with General Counsel and other appropriate stakeholders as required. The Clerk of the Authority maintains records of all signed original contracts.

Department Procurement Requests

All purchases expending OCFA funds must be appropriately budgeted and duly authorized by the manager controlling the specific budget. The procurement process is initiated upon receipt of an approved purchase requisition authorized by the respective manager. *Requisition signature authority is not the same as contract signature authority.*

Smaller Purchase Delegation

Delegation of certain lower-value purchasing has been given to OCFA employees issued department credit cards (CalCard) in amounts according to their individual single purchase limit. This delegation is contingent on the clear understanding that all delegated purchasing must be made in accordance with the OCFA Procurement Code, as well as any applicable state and federal laws.

5. Procurement Thresholds

All authority rests with the Authority's Board of Directors unless it is delegated by statute or board action. The Roles and Responsibilities Matrix (Exhibit 2) defines OCFA's levels of authority that apply specifically to Procurement as approved on April 28, 2016.

The procurement of products and services is accomplished through a variety of procedures as defined in the OCFA Procurement Code. The procedures are designed to address the differences in complexity, risk and value of each purchase. The OCFA Purchase Process and Thresholds decision matrix (Exhibit 3) has been created to assist staff in making a purchase. It is OCFA's policy to develop maximum competition for all purchases. *The splitting of purchases into smaller blocks to avoid or otherwise circumvent the thresholds for source selection and solicitation requirements is prohibited.*

5.1 Federally Funded Purchases

Micro-purchase (below \$3,500)

For federally funded purchases less than the adopted micro-purchase limit, (currently \$3,500 – *the amount is periodically adjusted for inflation*), a micro-purchase may be made without obtaining competitive quotations if it is determined that the price to be paid is fair and reasonable (based on recent research, experience, or previous purchases of the same items). To the extent practicable, micro purchases will be distributed equitably among qualified vendors. The issuance of a purchase order (PO) by the Authority and its acceptance by the vendor constitutes a contract.

Simplified Acquisition (\$3,500 - \$150,000)

Since OCFA thresholds are more restrictive, federal pass-through funded purchases within this range (*which is periodically adjusted for inflation*) must meet OCFA standard commodity and non-construction services thresholds in addition to the federal requirements as described in Section 15 of this manual on federally funded purchases.

5.2 OCFA Standard Commodity and Services Purchases (non-construction)

Small purchase less than \$10,000

For purchases that are less than \$10,000, competitive written quotes from multiple sources are not required. The purchase can be made so long as it is determined that the written quote received is reasonable. This does not restrict the Authority from requesting additional written quotes when it is in the best interest of OCFA. Most orders for commodities, materials, and equipment below \$10,000 can be purchased by an OCFA employee with an OCFA credit card if the purchase amount is within the card holder's delegated authority. When the purchase request is received in the Purchasing Department, a purchase order will be issued to the supplier forming a contract for the commodity or service.

Small purchases over \$10,000 and less than \$50,000

For purchases of materials, equipment and services within this range, a simple competitive solicitation process, such as a Request for Quotations (Section 7.1), is required. Insofar as it is practical, no less than three businesses are to be solicited to submit quotations, with the contract award made to the responsive and responsible bidder submitting the quotation which is most advantageous to the Authority that conforms in all material respects to the solicitation. Results of the solicitation and records on the process utilized will be maintained as public records. This does not preclude the Authority from utilizing more restrictive procedures if, and when required by federal or state law (i.e. Public Works), where federal or

state funds are involved in the contract to be awarded, or when the Purchasing & Materials Manager determines it is in the best interest to of the Authority to do so.

Purchases greater than \$50,000

For purchases of materials, equipment, and services greater than \$50,000, a formal competitive solicitation process is required. Procurement staff will determine the formal solicitation process. The formal procurement process can be done through a sealed Invitation for Bid (IFB) or a Request for Proposal (RFP) process (Section 8). The requestor (requesting department) will work with Procurement staff throughout the solicitation, evaluation, award, and administration processes. OCFA may elect to utilize a cooperative purchasing agreement whereby substituting the competitive solicitation process of another public agency for its own.

5.3 Public Works/Public Projects

On February 22, 1996, the Authority adopted the alternative informal bidding procedures set forth in the California Uniform Public Construction Cost Accounting Act (CUPCCAA) for public project work performed or contracted by OCFA. This provided the ability to utilize informal bidding procedures set forth in the California Public Contract Code (PCC) §22000-§22045. This does not preclude the Authority from utilizing more restrictive procedures if, and when required by federal or state law, where federal or state funds are involved in the contract to be awarded, or when the Purchasing & Materials Manager determines it is in the best interest to of the Authority to do so. The OCFA Purchase Process and Thresholds for Public Works Decision Matrix (Exhibit 4) provides dollar thresholds defining the process for public works and public projects. The current thresholds are set by the State of California and are periodically adjusted for inflation. Currently the thresholds are under review - Senate (AB-2249). If approved the thresholds will increase from \$45,000 to \$60,000 and from \$175,000 to \$200,000 respectively. Per PCC §22033, it is unlawful to split or separate into smaller work orders or projects any project for the purpose of evading competitive bidding.

Public Works Projects (currently less than \$45,000)

Public works below this amount may be performed by OCFA employees, by negotiated contract, or by written purchase order. Multiple written quotes are requested for work below this limit as may be practicable. *Per Civil Code §9554, for projects over \$25,000 a labor and materials payment bond for 100 percent of the total amount of the public works contract is required.*

Public Works Projects (currently between \$45,000 – \$175,000)

Public works contracts within this threshold will be solicited by the informal public works procedures as defined in the PCC §22034 and OCFA Ordinance No. 008 Sec. 1-49. *See Section 12 of this manual for more details on informal public works bidding policies.*

Public Works Projects (currently over \$175,000)

Public works contracts above this threshold will be solicited by the formal public works procedures as defined in the PCC §22037 and OCFA Ordinance No. 008 Sec. 1-50. *See Section 13 of this manual for more details on formal public works bidding policies.*

6. CalCard

The Procurement Card (P-Card or CalCard) is a unique business credit card used to simplify the purchasing and payment process for small dollar acquisitions. The function of the P-Card is to provide Authority staff with greater flexibility to complete small purchases within the delegated authority. Delegation of certain lower-value purchasing has been given to specific OCFA employees issued department credit cards (CalCard) in amounts according to their individual single purchase limit. Prior to receiving a CalCard, the cardholders receive training on acceptable purchases. The P-Card is not to be used in lieu of established contracts and is not intended to replace effective procurement planning that enables volume discounts. Purchases shall not be split to circumvent purchasing regulations or established thresholds.

7. Informal Solicitations

Use of the informal solicitations is determined by the dollar threshold of the purchase as described in Section 5.

7.1 Request for Quotations

A request for quotations (RFQ) is an informal bid process used primarily for commodity purchases that fall within the Small Purchase Threshold. Quotations must be submitted in a written format and may be solicited via email or using OCFA's online procurement system. Whenever practicable, no less than three suppliers must be notified of the RFQ.

The RFQ must include clear concise specifications with a description of the physical or functional characteristics of the commodity or equipment desired, and be written to encourage maximum and fair competition. Unless only one brand of commodity or equipment is acceptable due to compatibility or other restrictive requirements, brand names will only be used for providing descriptive information and not be used to restrict competitive bidding.

Award is based on price and is made to the lowest responsive and responsible bidder able to meet the agency's requirements. In the event of a tie, preference will be given to firms having a legitimate place of business within Orange County.

7.2 Request for Information

A request for information (RFI) is an informal method for obtaining information from suppliers that may have unique or critical knowledge about a product or service that OCFA is researching. The RFI method is not intended to result in a contract award but is designed to allow for the collection of current or state-of-the-art industry information that may then be used to develop specifications or a scope of work to be used in a future solicitation. An RFI may also be used during the planning stage of a procurement activity as the first step in the vendor selection process, and a qualification step prior to the RFP or IFB.

An RFI is typically used to:

- Compile detailed information about potential suppliers and their capabilities or category/product
- Advise potential suppliers that you intend to source this product or service competitively
- Gather information to further the future solicitation
- Qualify suppliers to a shorter list that will be invited to submit bids or proposals

Responses to requests for information notices are not offers and cannot be accepted to form a binding contract.

8. Formal Competitive Solicitation Process

For purchases of materials, equipment, and services which are anticipated to be greater than \$50,000, a formal competitive solicitation process is required. The formal procurement process can be done through a sealed Invitation for Bid (IFB) or a Request for Proposal (RFP) process. Procurement staff will determine the formal solicitation process. The requestor (requesting department) will work with the designated procurement representative throughout the solicitation, evaluation, award, and administration processes. IFBs and RFPs will be issued by the procurement office and will include all contractual terms and conditions applicable to the procurement in accordance with Article III of the OCFA Procurement Code.

An IFB or RFP may be cancelled, or any or all bids or proposals rejected in whole or in part, as may be specified in the solicitation when it is in the best interest of the Authority to do so.

8.1 Invitation for Bids (IFB)

The sealed IFB method is used when it is determined that there is no substantive difference among the products or services that meet the specifications and the only difference among responsive bids is price. Award shall be made to the lowest responsive and responsible bidder whose bid conforms in all material respects to requirements and criteria set forth in the invitation for bids when utilizing the IFB method.

Specifications

Clear, concise specifications must be included in the bid documents. The specifications are a description of the physical or functional characteristics of the commodity, equipment, or service desired. Specifications shall be written to encourage maximum and fair competition. A statement of the desired purpose should be included in specifications and contain only those characteristics essential to the final performance of the product or services. Unless only one brand of commodity or equipment is acceptable due to compatibility or other restrictive requirements, any brand name used in the specifications will be used only for the purpose of establishing descriptive information and will not be used to restrict competitive bidding.

Request for Qualifications

A Request for Qualifications is used to qualify a firms for a specific project requiring specialized skills such as consulting services. This procurement method can also be used when professional assistance is needed to provide specifications and details for a project with an undefined scope of services. It can also be used for pre-qualifying one or more firms offering professional services when anticipated future needs require the availability of the firm(s) as needed for services of the same or similar discipline. This can be the first step in a two-step solicitation process. A request for qualifications may be cancelled, or any or all statements of qualifications rejected in whole or in part, when it is in the best interest of the Authority to do so. *See Section 12 and 13 for additional information specific to Request for Qualifications relating to Public Works.*

Two-Step Process

A prequalification Process may be conducted prior to the issuance of an IFB, as the first step in a two step-solicitation process, in order to establish a list of qualified bidders. Qualification criteria may include: financial capacity/stability, company history, capacity to perform, relevant experience, and any other criteria relevant to services or items being sought by the Authority. Prequalification requirements will constitute the minimum requirements necessary to fulfill the contract. In the event a prequalification process is used, only bids submitted from prequalified bidders will be accepted.

Public Notice

IFBs are electronically posted on the Authority's web site. Notice of the IFB shall be made available for public inspection no less than fourteen (14) days prior to the date set for the opening of bids. A shorter time may be deemed necessary for a particular procurement as determined in writing by the Purchasing & Materials Manager.

Pre-bid Conference

When it is in the best interest of the Authority, a pre-bid conference may be conducted. If a pre-bid conference is conducted, it shall be not less than seven days before the bid due date and time, unless the Purchasing & Materials Manager makes a written determination that the specific needs of the procurement justify a shorter time. The purpose of the pre-bid conference is to clarify any questions which may exist on the part of the bidders regarding the specifications or scope of work, prior to the bid due date. Pre-bid conferences shall not be mandatory for potential bidders unless it is clearly in the Authority's best interest.

Solicitation Amendment. The solicitation amendment is issued to do any or all of the following:

- Make a correction in the solicitation;
- Correct defects or ambiguities;
- Provide additional information or instructions; or
- Extend the offer due date and time if the Purchasing & Materials Manager determines that an extension is in the best interest of the Authority.

If a solicitation is changed by a solicitation amendment, the amendment will be posted to the Authority's web site. It is the responsibility of the offeror to obtain any solicitation amendments and acknowledge receipt of amendment as specified in the solicitation amendment.

Late Bids

A bid is late if it is received at the location designated in the IFB after the time and date set for bid opening. A late bid shall be rejected. Bidders submitting bids that are rejected as late shall be so notified.

Bid Opening

Bids shall be opened publicly in the presence of one or more witnesses at the time and place designated in the IFB. A secure web-based system or other appropriate media may be used in lieu of public bid opening, provided that the accuracy, confidentiality, and reliability is maintained. The name of each bidder and the amount of each bid, as well as other relevant information, as deemed appropriate by the Purchasing & Materials Manager, shall be recorded. Unless otherwise determined, this record shall be open to public inspection. In the event no attendees are present for bid opening, the sealed bids shall be opened by the department and a "bid" or "no bid" may be recorded on the tabulation. The bids shall not be available for public inspection until after a notice of intent to award is issued. After a notice of intent to award is issued or, in the absence of a notice of intent to award, after final execution of the contract, the bids shall be available for public inspection, except to the extent that the withholding of information is permitted or required by law. If the bidder designates a portion of its bid as confidential, it shall isolate and identify in writing the confidential portions in accordance with the OCFA Procurement Code, Ordinance No. 008.

Bid Acceptance and Bid Evaluation

Bids shall be unconditionally accepted without alteration or correction, except as authorized in the Procurement Code. Bids shall be evaluated based on the requirements set forth in the IFB, which may

include criteria to determine acceptability such as inspection, testing, quality, workmanship, delivery, and suitability for a particular purpose. The IFB shall set forth the evaluation criteria to be used. No criteria may be used in bid evaluation that is not set forth in the IFB.

A summary page including details of all bids received, the staff recommendation for award, and any other pertinent information will be maintained in the bid file available for public record. These details will be provided in the staff report should the item require Board approval.

Correction or Withdrawal of Bids; Cancellation of Awards

Correction or withdrawal of inadvertently erroneous bids before or after bid opening, or cancellation of awards or contracts based on such bid mistakes, may be permitted where appropriate. Mistakes discovered before bid opening may be modified or withdrawn by written notice received prior to the time set for bid opening.

Mistakes discovered after bid opening may be modified or withdrawn only to the extent that the bidder can show by clear and convincing evidence that a mistake of a nonjudgmental character was made, the nature of the mistake, and the bid price actually intended. After bid opening, no changes in bid prices or other bid provisions prejudicial to the interest of the Authority or fair competition shall be permitted. In lieu of bid correction, a bidder alleging a mistake may be permitted to withdraw its bid if:

- The mistake is clearly evident on the face of the bid document but the intended correct bid is not similarly evident; or
- The bidder submits evidence that clearly and convincingly demonstrates that a mistake was made.

All decisions to permit the correction or withdrawal of bids, or to cancel awards based on bid mistakes, shall be supported by a written determination.

Contract Award

The contract shall be awarded by appropriate notice to the lowest responsible and responsive bidder whose bid conforms in all material respects to requirements and criteria set forth in the invitation for bids.

- (a) *Authority.* The Purchasing & Materials Manager has the authority to award and sign contracts that do not exceed the amount defined under management authority in the Roles and Responsibilities Matrix (Exhibit 2). Contracts that exceed management authority are to be executed by the Purchasing & Materials Manager or the Fire Chief upon approval of the Executive Committee or the Board of Directors.
- (b) *Public record.* After the Authority issues a notice of intent to award, or in the absence of a notice of intent to award upon final contract execution, the bids shall be available for public inspection, except to the extent that the withholding of information is permitted or required by law.
- (c) *Encumbrance of funds.* Except in cases of emergency, or in cases where specific authority has been first obtained from the Fire Chief, the Purchasing & Materials Manager shall not issue any purchase orders for supplies or equipment unless there exists an unencumbered appropriation in the fund account against which said purchase is to be charged. All purchases, regardless of encumbrances, shall be made in conformance with the policies established by the OCFA Procurement Code and any other applicable requirements.

- (d) *Procurement of recycled material.* Recycled products shall be used whenever practicable when they are of comparable quality, of equivalent price and appropriate for the intended use. Recycled products shall be procured in accordance with Public Contract Code, § 22150, et seq.
- (e) *Low tie bids.* If there are two or more low responsive bids from responsible bidders which are identical in price, all other evaluation criteria, and that meet all the requirements set forth in the IFB, preference shall be given to the firm having a legitimate place of business within Orange County. In the event that the low tie bids each have places of business within Orange County, award may be made by random selection in a manner prescribed by the Purchasing & Materials Manager.

8.2 Request for Proposals (RFP)

The competitive sealed RFP method is utilized to obtain the best value for goods and/or services through a process involving several possible sources. RFPs are issued with the intent of providing a competitive process from which the respondent best meeting the needs of the Authority, and providing the best overall value may be selected. RFPs are generally used on larger and more complicated projects where additional criteria besides price are considered in selecting the source. An important difference between the RFP and IFB process relates to the finality of initial offers. Under the RFP method, changes in the nature of a proposal, and in prices, may be negotiated after proposals are opened. In contrast, changes in the price of goods and services are not negotiable in the IFB process. The RFP process allows the Authority to describe a need and the key criteria which will be used in evaluating proposals while outlining the terms and conditions under which the respondent will operate or supply their goods and services. The process provides for full competition among proposals and allows for negotiation with the offeror or offerors to obtain the best services or commodities at the best price.

Specifications

Another important difference between the RFP and IFB method is that the RFP might not contain a detailed specification, but may instead convey, a description of a challenge or desired outcome as a result of the solicitation. This description may be written specifically or it may be generic. The RFP allows for the offerors to submit proposals for their solution to the requirement described by the Authority. This process of providing a description rather than a specification allows the Authority to use the capability of the offerors so that expertise does not have to be developed in house.

Two-Step Process

A prequalification process may be conducted prior to the issuance of the RFP, as the first step in a two step-solicitation process, to establish a list of qualified offerors. Qualification criteria may include: financial capacity/stability, company history, capacity to perform, relevant experience, and any other criteria relevant to services or items being sought by the Authority. Prequalification requirements will constitute the minimum requirements necessary to fulfill the contract. In the event a prequalification process is used, the only proposals submitted from prequalified offerors will be considered.

Public Notice

RFPs are electronically posted on the Authority's web site. Notice of the RFP shall be made available for public inspection no less than fourteen (14) days prior to the date set for the opening of proposals. A shorter time may be deemed necessary for a particular procurement as determined in writing.

Pre-Proposal Conference

When it is in the best interest of the Authority, a pre-proposal conference may be conducted. If a pre-proposal conference is conducted, it shall be not less than seven days before the offer due date and time, unless the Purchasing & Materials Manager makes a written determination that the specific needs of the procurement justify a shorter time. The purpose of the pre-proposal conference is to clarify any questions which may exist on the part of the proposers regarding the specifications or scope of work, prior to the offer due date. Pre-proposal conferences shall not be mandatory for potential offerors unless it is clearly in the Authority's best interest.

Solicitation Amendment

The solicitation amendment is issued to do any or all of the following:

- Make a correction in the solicitation;
- Correct defects or ambiguities;
- Provide additional information or instructions; or
- Extend the offer due date and time if the Purchasing & Materials Manager determines that an extension is in the best interest of the Authority.

If a solicitation is changed by a solicitation amendment, the amendment will be posted to the Authority's web site. It is the responsibility of the offeror to obtain any solicitation amendments and acknowledge receipt of amendment as specified in the solicitation amendment.

Receipt of Proposals

Proposals shall not be opened publicly. No proposals shall be handled as to permit disclosure of the contents of any proposal to competing offerors. Proposals shall be open for public inspection after final execution of the contract, except to the extent that the withholding of information is permitted or required by law. If the offeror designates a portion of its proposal as confidential, it shall isolate and identify in writing the confidential portions.

Late Proposals.

A proposal is late if it is received at the location designated in the request for proposals after the time and date set for receipt of proposals. Late proposals shall be rejected. Offerors submitting proposals that are rejected as late shall be so notified.

Evaluation Criteria.

The RFP shall state the criteria to be used in the evaluation of the proposals and shall include their relative importance. Pricing is one of the criteria evaluated. The point value given to pricing should be as high as possible without undermining the intent to achieve best value. The actual point value could vary between a service RFP and a commodity RFP. In no case should the point value of price be less than 25 percent of the total points available, unless otherwise approved by Executive Management or Board of Directors for specific RFPs.

Selection Committee

A selection committee shall be appointed to evaluate the proposals and make a recommendation based on the criteria set forth in the request for proposals. The evaluation committee shall be comprised of an odd number of at least three (3) members who have no conflict of interest with the selection process. Members of the evaluation committee shall be selected based on their qualifications and expertise related to the subject matter. Proposals can only be evaluated on the criteria set forth in the solicitation and no other factors or criteria may be used in the evaluation.

Evaluation Scores

Evaluators shall score proposals individually. The initial score sheets containing the evaluators notes and comments shall remain in the possession of the individual evaluators, and at no time shall this information become part of the permanent procurement file. Based upon the individual evaluator scores, a proposal summary page will be developed which specifically includes details of all proposals (along with their respective rankings), the evaluation committee's recommendation for award, and any other pertinent information (staff estimate) when appropriate. This summary page will be maintained in the procurement file and included in the staff report should the item seek Board approval.

Interviews

When the total contract value is anticipated to exceed \$1,000,000, the evaluation committee must conduct interviews with the responsible offerors who have submitted proposals determined to be acceptable and within a competitive range. All offerors shall be given fair and equitable treatment and all portions of the interview will be recorded either in written or digital media and kept as part of the procurement file. For contracts valued under \$1,000,000, the Purchasing & Materials Manager may elect, but is not required to, conduct formal interviews with the offerors.

Discussions and Negotiations

Discussions and/or negotiations may be conducted with one or more offerors. Each Offeror shall be accorded fair and equal treatment in conducting negotiations and there shall be no disclosure of any information derived from proposals submitted by competing offerors.

- (a) *Concurrent negotiations.* Negotiations may be conducted concurrently with offerors for the purpose of determining source selection and/or contract award.
- (b) *Exclusive negotiations.* Exclusive negotiations may be conducted with the offeror whose proposal is determined in the source selection process to be most advantageous to the Authority. Exclusive negotiations may be conducted subsequent to concurrent negotiations or may be conducted without requiring previous concurrent negotiations. Exclusive negotiations shall not constitute a contract award nor shall it confer any property rights to the successful offeror. If exclusive negotiations are conducted and an agreement is not reached, the Authority may enter into exclusive negotiations with the next highest ranked offeror without the need to repeat the formal solicitation process.

Proposal Revisions Post Interview and Negotiations

After interviews and/or negotiations, and prior to any award, the evaluation committee may request revisions to proposals in the form of a Best and Final Offer (BAFO). Late best and final offers will not be accepted. If no best and final offer is received by the stated due date and time, the offeror's initial offer will serve as their best and final offer.

Contract Award

Contract award shall be made to the responsible offeror whose proposal is determined in writing to be the most advantageous to the Authority taking into consideration the evaluation criteria set forth in the request for proposals as **concurred by the Purchasing & Materials Manager, and approved by the Board, as required by the Roles & Responsibilities Matrix (Exhibit 2)**. The contract file shall contain the basis on which the award is made.

9. Cooperative Purchasing

When the Purchasing & Materials Manager determines it to be in the best interest of the Authority, a purchase for goods or services, other than Public Works construction, may be made using a Cooperative Agreement. *See Section 21 for further definition of Cooperative Agreement or Purchasing.* The Authority may lead a competitive solicitation in collaboration with one or more other public agencies, or utilize an existing agreement or contract previously established by other public entities for similar items.

In order for a Cooperative Agreement to be eligible for use, the awarded contract must have resulted from a full and open competition, using source selection methods substantially equivalent to those specified in the OCFA Purchasing Ordinance (Article III). Use of a Cooperative Agreement is sometimes referred to as “piggybacking” if the agency is using the bid results and contract of one specific agency, rather than a group of agencies involved in the establishment or use of a contract.

A record of cooperative procurements shall be maintained as a public record, and such procurements exceeding the amount defined in the Roles and Responsibilities Matrix must be approved by the Executive Committee prior to award.

10. Sole Source

Sole source procurement shall be avoided except when no reasonable alternative exists. However, when the requesting department provides written evidence to support their sole source request, and the Purchasing & Materials Manager determines, after conducting a good faith review of available sources, that there is only one viable source for a required material or service, a contract may be awarded without competition. The Purchasing & Materials Manager may require the submission of cost analysis or other pricing data, and that negotiations as to price, delivery, and terms are conducted for such an award.

A record of sole source procurements shall be maintained as a public record, and such procurements exceeding the amount defined in the Roles and Responsibilities Matrix must be approved by the Executive Committee prior to award.

11. Special Procurement

In the event of unusual or special circumstances, when in the best interest of the Authority, The Purchasing & Materials Manager may authorize procurements of supplies, equipment or services (excluding construction services) without utilizing the competitive procurement procedures otherwise required in the OCFA Procurement Ordinance.

The requesting department of the special procurement shall provide written evidence to support their request, and such request shall be made with sound fiscal discretion. The Purchasing & Materials Manager shall review such request, determine the supplier to be awarded, and obtain the approval from the

Assistant Chief, Business Services, ensuring that the procurement is fair, honest, prudent, and in the public interest.

Documentation of the need to waive the competitive procurement procedures, as well as the basis for the source selection and the due diligence performed shall be maintained as a public record. Procurements exceeding the amount defined in the Roles and Responsibilities Matrix must be approved by the Executive Committee prior to contract award.

12. Public Works Informal Bidding

On February 22, 1996, the Authority adopted the alternative informal bidding procedures set forth in the California Uniform Public Construction Cost Accounting Act (CUPCCAA) for public project work performed or contracted by OCFA. This provided the ability to utilize informal bidding procedures set forth in the California Public Contract Code (PCC) §22000-§22045. This does not preclude the Authority from utilizing more restrictive procedures if, and when required by federal or state law, where federal or state funds are involved in the contract to be awarded, or when the Purchasing & Materials Manager determines it is in the best interest to of the Authority to do so. Public Works as defined in Labor Code § 1720(a) is construction and other enumerated construction-related tasks including maintenance, (see Labor Code § 1771) such as construction, alteration, demolition, installation, maintenance, or repair work, done under contract, and paid for in whole or in part out of public funds, and may include preconstruction and post-construction activities related to a public works project. The OCFA Purchase Process and Thresholds for Public Works Decision Matrix (Exhibit 4) provides dollar thresholds defining the process for public works and public projects. *The current thresholds are set by the State of California and are periodically adjusted for inflation. The current thresholds are under review - Senate (AB-2249). If approved the thresholds will increase from \$45,000 to \$60,000 and from \$175,000 to \$200,000 respectively.* Per the Roles and Responsibilities Matrix (Exhibit 2), all informal public projects valued up to \$175,000 can be awarded by the Purchasing & Materials Manager.

Contractors List

Per Public Contract Code §22034, OCFA must invite all licensed contractors to submit their company information for inclusion on the list of qualified contractors identified according to work categories annually. A contractor may have their company added to the list at any time by providing the required information to the Procurement team.

Contractors included on the contractors list are notified of public works projects specific to the trades they have identified in their registration. Inclusion on the contractors list only determines whether contractors meet minimum qualification requirements and is not meant as a mechanism to score contractors or rate them for use on a project.

Request for Qualification (RFQual)

A Request for Qualifications is used to qualify a professional or firm for a specific project requiring specialized skills such as architectural, engineering, or consulting services or when a professional or firm is needed to provide specifications and details for a project with an undefined scope of services. It can also be used for pre-qualifying one or more firms offering professional services when anticipated future needs require the availability of the firm(s) as needed for services of the same or similar discipline. This can be the first step in a two-step solicitation process.

The RFQual utilizes a qualifications-based selection method of awarding contracts under which the most appropriate professional or firm is selected based on qualifications such as knowledge, skill, experience, and other project-specific factors rather than fees as prescribed in Government Code § 4525-4529.5.

Payment and Performance Bond

Per Civil Code §9554 Payment and Performance bonds are required for contracts over \$25,000 in an amount not less than 100 percent of the total amount payable pursuant to the public works contract. Bid bonds of not less than ten (10) percent of the total bid amount are required for solicitations valued over \$25,000.

Public Works Projects (currently less than \$45,000)

Projects valued at \$45,000 or less may be completed by force account (by Property Management employees) or through a negotiated contract, per PCC § 22032(a). OCFA may also select a contractor from the list of prequalified contractors who are qualified, capable, and are otherwise able to meet the Authority's requirements for the project.

Public Works Projects (between \$45,000 and \$175,000)

Public Works Projects with a value exceeding \$45,000 and less than \$175,000 must be bid in accordance with the procedures as defined in PCC §22034 and 22036. OCFA will solicit informal bids by publishing a notice that describes the project in general terms, provides information on how to obtain more detailed information about the project, and states the time and place for the submission of bids. **A clear and concise scope of work containing a description of the project will be included in the bid documents. Scope of work with desired outcome shall be written to encourage maximum and fair competition. Any brand name used in the specifications or scope of work will be used only for the purpose of establishing descriptive information and will not be used to restrict competitive bidding.**

Contracts are to be awarded to the lowest responsive, responsible bidder pursuant to PCC § 22032(b). This does not preclude the Authority from utilizing more restrictive bidding thresholds when it is in the best interest of the OCFA.

13. Public Works Formal Bidding

Public works contracts valued over \$175,000 are solicited using the formal bid procedures provided in PCC § 22032(c) and 22037, and follow the source selection methods outlined below.

Design-Bid-Build

The Design-Bid-Build method for construction projects is generally a two-step process beginning with a request for qualifications (design) followed by a bid for construction. A contract must be awarded to a qualified architect and/or engineer for the development of the scope of work. The scope of work is then included in the bid document for the actual construction. **The scope of work provided by the architectural/engineering firm provides detailed descriptions of the physical or functional characteristics of the project, inclusive of any related commodities, equipment, or services desired. Scope of work with desired outcome shall be written to encourage maximum and fair competition. Any brand name used in the specifications or scope of work will be used only for the purpose of establishing descriptive information and will not be used to restrict competitive bidding.** The bid is then advertised as required by the formal bidding procedures in accordance with PCC § 22032(c). Board approval of the contract award is by required if the contract exceeds \$175,000. A bid to complete the project is issued utilizing the scope of work provided by the architect/engineer.

This source selection method follows the process for bidding and contract award as described in Section 8 of this manual with bids unconditionally accepted without alteration or correction, except as authorized in the OCFA Procurement Code, and with evaluation based on the requirements set forth in the bid, inclusive of valid State Contractors Licensing, Department of Industrial Relations registration, and ability of the contractor to meet bonding and insurance requirements.

The lowest responsive responsible bidder shall be recommended for award in accordance with PCC § 21501. A summary page including details of all bids received, the staff recommendation for award, and any other pertinent information will be maintained in the bid file available for public record. These details will be provided in the staff report when the contract requires Board approval.

Design-Build (DB) Applicable to Projects in Excess of \$1,000,000

Since OCFA elected to follow the Public Contract Code as it applies to a general law city, the DB method may only be used when soliciting projects in excess of \$1,000,000, per PCC §22162. In the design build process, a single design build entity is responsible for both the design and construction of a project. This procurement process is a two-step process. In the first step, a request for qualifications is requested. Only the top three design build entities are invited to submit proposals. In contrast to Design-Bid-Build, DB relies on a single point of responsibility for the contract. The performance specifications and any plans must be prepared by a design professional who is duly licensed and registered in California. OCFA must follow the design-build procurement process as described in PCC §22164 as provided below:

(a) (1) The Authority shall prepare a set of documents setting forth the scope and estimated price of the project. The documents may include, but need not be limited to, the size, type, and desired design character of the project, performance specifications covering the quality of materials, equipment, workmanship, preliminary plans or building layouts, or any other information deemed necessary to describe adequately the OCFA's needs. The performance specifications and any plans shall be prepared by a design professional who is duly licensed and registered in California.

(2) The documents shall not include a design-build-operate contract for any project. The documents, however, may include operations during a training or transition period but shall not include long-term operations for any project.

(b) The Authority shall prepare and issue a request for qualifications in order to prequalify or short-list the design-build entities whose proposals shall be evaluated for final selection. The request for qualifications shall include, but need not be limited to, the following elements:

(1) Identification of the basic scope and needs of the project or contract, the expected cost range, the methodology that will be used by the Authority to evaluate proposals, the procedure for final selection of the design-build entity, and any other information deemed necessary by the Authority to inform interested parties of the contracting opportunity.

(2) Significant factors that the Authority reasonably expects to consider in evaluating qualifications, including technical design and construction expertise, acceptable safety record, and all other non-price-related factors.

(3) A standard template request for statements of qualifications prepared by the Authority. In preparing the standard template, the Authority may consult with the construction industry, the building trades and surety industry, and other local agencies interested in using the authorization provided by this article. The template shall require the following information:

(A) If the design-build entity is a privately held corporation, limited liability company, partnership, or joint venture, a listing of all of the shareholders, partners, or members known at the time of statement of qualification submission who will perform work on the project.

(B) Evidence that the members of the design-build team have completed, or demonstrated the experience, competency, capability, and capacity to complete projects of similar size, scope, or complexity, and that proposed key personnel have sufficient experience and training to competently manage and complete the design and construction of the project, and a financial statement that ensures that the design-build entity has the capacity to complete the project.

(C) The licenses, registration, and credentials required to design and construct the project, including, but not limited to, information on the revocation or suspension of any license, credential, or registration.

(D) Evidence that establishes that the design-build entity has the capacity to obtain all required payment and performance bonding, liability insurance, and errors and omissions insurance.

(E) Information concerning workers' compensation experience history and a worker safety program.

(F) If the proposed design-build entity is a corporation, limited liability company, partnership, joint venture, or other legal entity, a copy of the organizational documents or agreement committing to form the organization.

(G) An acceptable safety record. A proposer's safety record shall be deemed acceptable if its experience modification rate for the most recent three-year period is an average of 1.00 or less, and its average total recordable injury or illness rate and average lost work rate for the most recent three-year period does not exceed the applicable statistical standards for its business category or if the proposer is a party to an alternative dispute resolution system as provided for in Section 3201.5 of the Labor Code.

(4) (A) The information required under this subdivision shall be certified under penalty of perjury by the design-build entity and its general partners or joint venture members.

(B) Information required under this subdivision that is not otherwise a public record under the California Public Records Act (Chapter 3.5 (commencing with Section 6250) of Division 7 of Title 1 of the Government Code) shall not be open to public inspection.

(c) (1) A design-build entity shall not be prequalified or shortlisted unless the entity provides an enforceable commitment to the Authority that the entity and its subcontractors at every tier will use a skilled and trained workforce to perform all work on the project or contract that falls within an apprenticeable occupation in the building and construction trades, in accordance with Chapter 2.9 (commencing with Section 2600) of Part 1.

(2) This subdivision shall not apply if any of the following requirements are met:

(A) The Authority has entered into a project labor agreement that will bind all contractors and subcontractors performing work on the project or contract to use a skilled and trained workforce, and the entity agrees to be bound by that project labor agreement.

(B) The project or contract is being performed under the extension or renewal of a project labor agreement that was entered into by the Authority prior to January 1, 2017.

(C) The entity has entered into a project labor agreement that will bind the entity and all its subcontractors at every tier performing the project or contract to use a skilled and trained workforce.

(3) For purposes of this subdivision, "project labor agreement" has the same meaning as in paragraph (1) of subdivision (b) of Section 2500.

(d) Based on the documents prepared as described in subdivision (a), the Authority shall prepare a request for proposals that invites prequalified or short-listed entities to submit competitive sealed proposals in the manner prescribed by the Authority. The request for proposals shall include, but need not be limited to, the following elements:

(1) Identification of the basic scope and needs of the project or contract, the estimated cost of the project, the methodology that will be used by the Authority to evaluate proposals, whether the contract will be awarded on the basis of low bid or best value, and any other information deemed necessary by the Authority to inform interested parties of the contracting opportunity.

(2) Significant factors that the Authority reasonably expects to consider in evaluating proposals, including, but not limited to, cost or price and all non-price-related factors.

(3) The relative importance or the weight assigned to each of the factors identified in the request for proposals.

(4) Where a best value selection method is used, the Authority may reserve the right to request proposal revisions and hold discussions and negotiations with responsive proposers, in which case the Authority shall so specify in the request for proposals and shall publish separately or incorporate into the request for proposals applicable procedures to be observed by the Authority to ensure that any discussions or negotiations are conducted in good faith.

(e) For those projects utilizing low bid as the final selection method, the competitive bidding process shall result in lump-sum bids by the prequalified or short-listed design-build entities, and awards shall be made to the design-build entity that is the lowest responsible bidder.

(f) For those projects utilizing best value as a selection method, the design-build competition shall progress as follows:

(1) Competitive proposals shall be evaluated by using only the criteria and selection procedures specifically identified in the request for proposals. The following minimum factors, however, shall be weighted as deemed appropriate by the Authority:

(A) Price, unless a stipulated sum is specified.

(B) Technical design and construction expertise.

(C) Life-cycle costs over 15 or more years.

(2) Pursuant to subdivision (d), the Authority may hold discussions or negotiations with responsive proposers using the process articulated in the Authority's request for proposals.

(3) When the evaluation is complete, the responsive proposers shall be ranked based on a determination of value provided, provided that no more than three proposers are required to be ranked.

(4) The award of the contract shall be made to the responsible design-build entity whose proposal is determined by the Authority to have offered the best value to the public.

(5) Notwithstanding any other provision of this code, upon issuance of a contract award, the Authority shall publicly announce its award, identifying the design-build entity to which the award is made, along with a statement regarding the basis of the award.

(6) The statement regarding the Authority's contract award, described in paragraph (5), and the contract file shall provide sufficient information to satisfy an external audit, providing performance specifications prepared by licensed and registered design professional and preparing a set of documents setting forth the scope and estimated price of the project. The documents may include, but need not be limited to, the size, type, and desired design character of the project, performance specifications covering the quality of materials, equipment, workmanship, preliminary plans or building layouts, or any other information deemed necessary to describe adequately the Authority's needs.

The Design-Build Entity proposing the lowest cost or best value (whichever is most favorable to OCFA) shall be recommended for award in accordance with PCC § 22164. A summary page including details of all bids received, the staff recommendation for award, and any other pertinent information will be maintained in the bid file available for public record. These details will be provided in the staff report should the item require Board approval.

Contract Award

For a design bid build project, the contract shall be awarded by appropriate notice to the lowest responsible and responsive bidder whose bid conforms in all material respects to requirements and criteria set forth in the invitation for bids. Design Build projects are awarded based on best value from firms selected to participate in the solicitation process following the qualifications process.

The recommendation for award is submitted to the Board of Directors inclusive of the project, plans, and specifications in accordance with PCC § 22039, the contract is approved by the. The approved contract is then executed by the Purchasing & Materials Manager or designee.

14. Emergency Procurement

In the event of an emergency (as defined in the Section 21 of this document) when there is a threat to public health, welfare or safety, or other situation that makes compliance with the OCFA competitive procurement procedures contrary to the public interest, the Fire Chief may make, or authorize others to make, emergency procurements of materials, services, or construction. Emergency procurements shall be made with as much competition as is practicable under the circumstances.

The requesting department of an emergency procurement must provide written evidence justifying the need, and the procurements shall be limited to only those materials, services or construction necessary to satisfy the immediate, critical needs within the specified time limits of 70 hours as defined by the Federal Emergency Management Agency ("FEMA"), in order to qualify for potential reimbursement to the Authority. All procurements related to the emergency occurring after the specified time limit (currently 70 hours) must abide by the procedures outlined in Section 15 of this manual, as required in Title 2 of the Code of Federal Regulations Part 200, if federal or pass through funds will be utilized.

Emergency procurements exceeding the amount defined in the Roles and Responsibilities Matrix must be executed by the Purchasing & Materials Manager upon approval by the Chair or Vice Chair of the Board of Directors, and a written determination of the basis for the emergency and for the selection of the supplier shall be maintained as a public record.

Public Works Emergencies

In cases of emergency when public works construction related repair or replacements are necessary and exceed amounts as defined in the Roles and Responsibilities Matrix, the Fire Chief or designee has authority to declare an emergency and authorize replacement or repair without adopting plans, specifications, working details, or competitive bidding requirements when it is impracticable to convene a meeting of the Board of Directors prior to addressing the emergency needs. The authorization for the exemption from procurement (requirements by four-fifths vote) will be addressed at next scheduled meeting as required per PCC § 22035 and 22050. In all cases, public works emergency procurements should follow the procedures outlined in Exhibit 4.

15. Federally Funded Purchases

The Office of Management and Budget (OMB) implemented the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) in December 2014. The Uniform Guidance provides an authoritative set of rules and requirements for all government agencies receiving federal grants directly from the federal government or from pass-through agencies such as the State of California. An addendum was issued by the OMB on May 17, 2017 allowing nonfederal entities an additional year to implement the Uniform Guidance requirements related to procurement. OCFA elected to utilize this extension period and become subject to this requirement on July 1, 2018.

OCFA must establish and follow the documented procurement policies and procedures which comply with Title 2 of the Code of Federal Regulations (CFR) § 200.318 through § 200.326., known as the Uniform Guidance (as applicable). The OCFA must use its own documented procurement procedures §200.318 (a)

which reflect applicable State and local laws and regulations as well as conforming to the applicable Federal law and standards identified in this policy.

Effective July 1, 2018, all OCFA procurements expending federal funds received directly from the federal government or from a pass-through agency, must comply with the provisions of Title 2 of the Code of Federal Regulations (CFR) § 200.318 through § 200.326. Federal regulations will apply to these purchases unless OCFA procurement procedures are more restrictive. Additional compliance requirements may be applicable as determined by the funding agency and funding source.

The following policies were developed in accordance with the Uniform Guidance:

Standards of Conduct for All Parties Involved in Procurement §200.318 (c)(1) – All standards as defined in 3.2 of this policy manual apply to federally funded procurements. The OCFA may take appropriate disciplinary actions for violations of such standards by officers, employees, or agents of the recipient.

Full and Open competition §200.319 – All procurement transactions must be conducted in a manner that provides, to the maximum extent practical, full and open completion using one of the methods as defined in the Uniform Guidance based on the most restrictive thresholds as defined in the Uniform Guidance or the OCFA Ordinance. In order to ensure objective contractor performance and eliminate unfair competitive advantage, contractors that develop or draft specifications, requirements, statements of work, invitations for bids, or requests for proposals must be excluded from competing for such procurements.

Specifications §200.319 (c) (1) (2) The specifications must incorporate a clear and accurate description of the technical requirements for the material, product, or services required. The descriptions in competitive procurements must not contain features which unduly restrict competition. The description may include a statement of the qualitative nature of the material, product or service to set forth minimum essential characteristics and standards for conformity for the intended use. Any specific features which must be met by the offerors must be clearly stated along with any requirements the offerors must fulfill and any other factors that will be used in evaluating the bids or proposals.

Procurement of Recycled Materials §200.322 – When the purchase price of items exceeds \$10,000, or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000, OCFA must procure only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition. Documentation of the determination are to be maintained with the file.

Minority Businesses, Women's Business Enterprises and Labor Surplus Area Firms §200.321 – OCFA must take all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible. The affirmative steps include:

1. Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
2. Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
3. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
4. Establishing delivery schedules, where the requirement permits, which encourages participation by small and minority businesses, and women's business enterprises;

5. Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce; and
6. Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in the preceding paragraphs (1) through (5).

Use of Pre-Qualified lists §200.319(d) – Procurements may not use standing, pre-qualified lists, unless the list is open for new qualifications during the solicitation period and the list includes enough qualified sources to ensure maximum open and free competition. The use of a two-step procurement process where the first step is a qualification process specific to the procurement is allowable under the Uniform Guidance.

Local Preference or Geographical Exclusion §200.319 (b) – A local preference shall not be applied when evaluating bids or proposals. Geographical exclusions or qualifications must not be included in the scope of work. *The only exception is for professional architectural and engineering services where the use of a geographical selection criterion resulted in an acceptable number of qualified firms.*

Considerations Prior to Solicitation

Is the acquisition necessary? §200.318 (d) – The OCFA must avoid acquisition of unnecessary or duplicative items. Consideration should be given to consolidating or breaking out procurements to obtain a more economical purchase. Where appropriate, an analysis will be made of lease versus purchase alternatives, and any other appropriate analysis to determine the most economical approach.

Are state and local intergovernmental agreements available? §200.318 (e) – OCFA encourages entering into state and local intergovernmental agreements where appropriate for procurement or use of common or shared goods and services in an effort to foster greater economy and efficiency.

Has Federal excess and surplus property been considered? §200.318 (f) – OCFA encourages the use of Federal excess and surplus property in lieu of purchasing new equipment and property whenever such use is feasible and reduces project costs.

Value Engineering in Construction contracts. §200.318 (g) – OCFA encourages the use of value engineering clauses in contracts for construction projects of sufficient size to offer reasonable opportunities for cost reductions. Value engineering is a systematic and creative analysis of each contract item or task to ensure that its essential function is provided at the overall lower cost.

Methods of Procurement Title 2 CFR§200.320

Simplified Purchasing Procedures

- *Micro-purchase* §200.320(a) – Federal threshold (currently \$3,500 or less), no solicitation required, the agency determines reasonableness of price and awards the contract. The Davis-Bacon Act is applicable for construction contracts in excess of \$2,000.

Small Purchases §200.320(b) – [OCFA threshold in more restrictive \(less than \\$50,000\) requires request for quotes from three qualified sources as practicable.](#) Federal threshold (currently \$150,000 or less), requires that quotes must be obtained from an adequate number of qualified sources (no less than three). OCFA will follow the more restrictive requirements when utilizing federal funds.

Formal Procurement Procedures - Federal threshold (currently over \$150,000), [Since the OCFA threshold is more restrictive, a purchase with federal funding over \\$50,000 will be processed using one of the formal procurement methods provided below.](#) Solicitations should clearly state all the requirements the supplier must fulfill in order for the bid or proposal to be considered by the OCFA.

Invitation for Bid (Sealed Bid) §200.320(c)

- *Requirements* – complete technical specifications are provided, an independent estimate is required before receiving bids or proposals, solicit bids from adequate number of sources (requirement two or more responsible bidders are willing to participate), provide sufficient time for responses, publicly advertise solicitation, public opening, fixed price contract, award to lowest responsive and responsible bidder.

Request for Proposals (Competitive Proposal) §200.320(d)

- *Requirements* – scope of work provided, solicit proposals from adequate number of qualified sources, solicitation must be publicized and include all factors for evaluation and their relative importance, the RFP must contain written method for conducting technical evaluations received and for ranking proposals, award contracts to the responsible firm whose proposal is most advantageous to the program with price and other factors considered.
- *Qualification Based Selection* may be used for architectural/engineering professional services where by qualifications are evaluated and the most qualified competitor is selected subject to negotiation of fair and reasonable compensation. Price is not considered as a selection factor, however this is only applicable to procurement of A/E professional services.

Non-Competitive Bids or Proposals §200.320(f) – Procurement by noncompetitive proposals may only be used when one or more of the following situations apply:

- After a solicitation of a number of sources is completed, competition is determined inadequate. §200.323(b) When only a single bid or proposal is received in response to a solicitation, profit margin must be negotiated as a separate item. *Language must be included in applicable solicitations allowing such negotiations.*
- Item is available only from a single source.
- Public exigency or emergency for the requirement will not permit delay resulting from a competitive solicitation. *The Federal government defines an emergency as the first 70 hours after a disaster.*
- Federal awarding agency or pass-through entity expressly authorizes noncompetitive proposals in response to a written request from OCFA.

Cost/Price Analysis §200.323(a) – Procurements over the simplified acquisition threshold (including any contract amendments), must have a cost/price analysis completed and documented. For competitive procurements above the simplified acquisition threshold, the cost/price analysis must be completed prior to issuing the solicitation. The cost analysis is the review and evaluation of each element of cost to determine whether it is reasonable, allocable to the grant program and an allowable cost for the grant program. Price analysis involves a comparison of marketplace prices.

Types of Contracts – Acceptable types of contracts that may be awarded are: lump sum, unit price, cost plus fixed fee, time and materials with a not to exceed amount, and intergovernmental agreements. §200.323(d) Cost plus a percentage of cost and percentage of construction cost methods of contracting must not be used.

Use of Time and Material Type Contracts §200.318 (j)(1) – Prior to entering into a time and materials type contract, a determination must be made and documented that no other contract type is suitable. Time and materials contracts must establish a maximum price that the contract exceeds at its own risk. This type of contract defines cost as the actual cost of materials, and the direct labor hours charged at a fixed hourly rate that reflect wage, general and administrative expenses and profit. §200.318 (j)(2) OCFA must assert a high degree of oversight on such contract to obtain reasonable assurance that the contractor is using efficient methods and effective cost controls.

Contract Award §200.318 (h) The OCFA must award contracts only to responsible contractors possessing the ability to perform successfully under the terms and conditions of a proposed procurement. Consideration will be given to such matters as contractor integrity, compliance with public policy, record of past performance, and financial and technical resources. Multiple awards can only be made from an IFB or RFP when requirements are separated into lots, regions, or other established distinctions between work to be performed under the resulting contracts.

Bonding Requirements §200.325 – Except as otherwise required by statute, an award that requires the contracting (or subcontracting) for construction or facility improvements shall provide for OCFA to follow its own requirements relating to bid guarantees, performance bonds, and payment bonds unless the construction contract or subcontract exceeds \$150,000. For those contracts or subcontracts exceeding \$150,000, the Federal awarding agency may accept the bonding policy and requirements of OCFA, provided the Federal awarding agency has made a determination that the Federal Government's interest is adequately protected. If such a determination has not been made, the minimum requirements shall be as follows:

1. A bid guarantee from each bidder equivalent to five percent of the bid price. The "bid guarantee" shall consist of a firm commitment such as a bid bond, certified check, or other negotiable instrument accompanying a bid as assurance that the bidder shall, upon acceptance of his bid, execute such contractual documents as may be required within the time specified.
2. A performance bond on the part of the contractor for 100 percent of the contract price. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.
3. A payment bond on the part of the contractor for 100 percent of the contract price. A "payment bond" is one executed in connection with a contract to assure payment as required by statute of all persons supplying labor and material in the execution of the work provided for in the contract.

Contract Provisions §200.326 – In addition to other provisions required by the Federal agency, state or the OCFA, the following provisions must be included in all applicable procurements as provided in Appendix II to Part 200:

- a. Contracts in excess of the simplified acquisition threshold shall contain contractual provisions or conditions that allow for administrative, contractual, or legal remedies in instances in which a contractor violates or breaches the contract terms, and provide for such remedial actions as may be appropriate.
- b. All contracts in excess of \$10,000 shall contain suitable provisions for termination for cause and for convenience by OCFA, including the manner by which termination shall be effected and the basis for settlement.
- c. Equal Employment Opportunity – Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3, in excess of \$10,000, must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity"
- d. Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). – When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by OCFA must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144 and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). IN accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. OCFA must place a copy of the current prevailing wage determination issued by the Department of

Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The OCFA must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act (40 U.S.C. 3145) as supplemented by Department of Labor regulations (29 CFR Part 3, “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). The Act provides that each contractor or sub-recipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. OCFA must report all suspected or reported violations to the Federal awarding agency.

- e. Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708) – Where applicable, all contracts awarded by OCFA in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily on the open market, or contracts for transportation or transmission of intelligence.
- f. Rights to Inventions Made Under a Contract or Agreement – If the Federal award meets the definition of “funding agreement” under 37 CFR § 401.2(a) and OCFA wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under the “funding agreement,” OCFA must comply with the requirements of 37 CFR Part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.
- g. Clean Air Act and Federal Water Pollution Control Act as amended – Contracts of amounts in excess of \$150,000 must contain a provision that requires OCFA to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).
- h. Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (43 U.S.C. 6201).
- i. Debarment and Suspension (Executive Orders 12549 and 12689) – A contract award must not be made to parties listed on the government-wide Excluded Parties List System in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 and 12689 “Debarment and Suspension.” The Excluded Parties List System in SAM contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. This applies to all federally funding contracts regardless of the threshold.
- j. Byrd Anti-Lobbying Amendment certification must be obtained from all Offerors for procurements in excess of \$100,000. The text provided below will be added as a submittal requirement or will be otherwise obtained as applicable: *“Offeror certifies that it and its*

subcontractors will not and have not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. List as a disclosure any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award by Offeror or Offeror's subcontractors."

- k. Procurement of recovered (recycled) materials – OCFA and its contractors must comply with the Solid Waste Disposal Act § 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of § 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition. When the purchase price of items exceeds \$10,000, or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000, OCFA must procure only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition.

Addition provision needs to be added to solicitations allowing for price and profit margin negotiation in the case that only one bid is received in compliance with §200.323.

Documentation/Recordkeeping §200.318 (i)– The Authority must maintain records explaining the rationale for the method of procurement, selection of contract type, contractor selection, basis for price, cost/price analysis, and lease versus purchase alternatives. The documentation will be maintained in the solicitation folder in the Purchasing Section in accordance with the OCFA retention policy.

§200.324 (b)OCFA shall, on request, make available for the Federal awarding agency, pre-award review and procurement documents, such as request for proposals or invitations for bids, independent cost estimates, etc., when any of the following conditions apply.

1. OCFA's procurement procedures or operation fails to comply with the procurement standards in the Federal awarding agency's implementation of this Circular.
2. The procurement is expected to exceed the "Simplified Acquisition Threshold" (currently \$150,000) and is to be awarded without competition or only one bid or offer is received in response to a solicitation.
3. The procurement, which is expected to exceed the Simplified Acquisition Threshold, specifies a "brand name" product.
4. The proposed award over the Simplified Acquisition Threshold is to be awarded to other than the apparent low bidder under sealed bid procurement.
5. A proposed contract modification changes the scope of a contract or increases the contract amount by more than the amount of the Simplified Acquisition Threshold.

Oversight – §200.318 (b) OCFA must maintain oversight to ensure that contractors perform in accordance with the terms, conditions, and specifications of their contracts or purchase orders.

16. Sustainable Procurement

The Authority encourages procurement that takes into account the economic, environmental and social impacts of the Authority's spending. Whenever practicable, procurements should be planned in such a way that allows the authority to meet its needs for goods, services, construction works and utilities while achieving value for money on a whole-life basis in terms of generating benefits not only to the organization, but also to society and the economy, while remaining within the carrying capacity of the environment.

Consistent with the requirements of PCC §22150-22154 of the PCC, the Authority promotes the use of recycled/recyclable supplies and materials, reusable products, and products designed to be recycled. The use of such materials or products to the maximum extent practicable, financially feasible, and allowable within the specifications is encouraged provided that the performance or operational effectiveness of the product or material is not detrimentally affected, or that health and safety is not negatively impacted by the use of such products or materials.

Sustainable Procurement Guidelines

1. Waste prevention, recycling, market development and use of recycled/recyclable materials through lease agreements, contractual relationships and purchasing practices with suppliers, contractors, businesses and other governmental agencies is encouraged.
2. Adopt waste prevention, recycling and use of recycled supplies/materials as a priority of the Authority.
3. Generate less waste material by reviewing how supplies, materials and equipment are manufactured, purchased, packaged, delivered, used, and disposed.
4. Procure recycled material when practicable
5. Ensure compliance with Title 24 certification requirements for lighting projects and Energy Star ratings are present on all new appliances so as to reduce the overall energy usage of the Authority and increase the efficient use of available resources. When practicable utilize LEED certification standards as a model for new construction.

17. Protests

Throughout the solicitation and contracting process, Procurement staff and stakeholders are to follow procurement best practices to avoid or mitigate potential protests. However, any actual or **prospective bidder** (aka “interested party”) who is aggrieved in connection with the solicitation or award of a contract may file a protest in accordance with the process described in the OCFA Procurement Ordinance (Article IX).

The Purchasing & Materials Manager has the authority to settle and resolve protests and contract claims. All protests must be in writing and include the name, address, telephone number, email and signature of the of the interested party; the solicitation or contract number; a detailed statement of the legal and factual grounds of the protest, including copies of relevant documents; and the form of relief requested.

Protests concerning solicitations should be filed not less than five (5) working days before the solicitation due date. Protests concerning contract awards shall be filed no later than seven (7) days after issuance of the intent to award. The Purchasing & Materials Manager, without waiving the Authority's right to dismiss the protest for lack of timeliness, may consider a protest that is not filed timely. The Purchasing & Materials Manager shall give notice of the protest to the successful contractor if award has been made or, if no award has been made, to all interested parties. Material submitted by a protestor shall not be withheld from any interested party except to the extent that the withholding of information is permitted or required by law.

While a protest is in progress, the Authority may proceed with the solicitation or the contract unless the Purchasing & Materials Manager determines there is a reasonable probability that the protest will be sustained or that the stay of procurement is not contrary to the substantial interests of the Authority. The Purchasing & Materials Manager shall issue a written decision to the protestor within 14 days, including

an explanation of the basis of the decision and a statement of the available appeals process. If the protest is sustained, in whole or part, the Purchasing & Materials Manager shall implement a remedy appropriate to the circumstances.

A protestor may appeal the decision of the Purchasing & Materials Manager to the Fire Chief within seven (7) days from the date the decision is issued. The appeal shall contain all the information originally set forth in the protest, a copy of the decision of the Purchasing & Materials Manager; and the specific factual or legal error in the decision of the Purchasing & Materials Manager that forms the basis of the appeal. A decision by the Fire Chief shall be final.

18. Staff Reports

Staff reports must be submitted for contract awards requiring approval by the Board of Directors or its Executive Committee, as outlined in the Roles & Responsibilities Matrix (Exhibit 2). The staff report should contain at a minimum the following sections: Summary, Recommended Action, Background, and Attachments (if needed).

The **Summary** section briefly describes the purpose of the report. The **Recommended Action** specifies terms such as duration, amount, and renewal conditions that must be adhered to upon execution of the contract. The **Background** should consist of a detailed description of the items or services to be provided, the solicitation method, analysis of the evaluation, and anticipated results of the action. **Attachments** should include a summary page containing **details of all bids received, the staff recommendation for award, and any other pertinent information** as well as the Contract (if any) that will be awarded.

Any contract resulting from the solicitation must be attached to the staff report and approved by OCFA legal counsel in advance.

19. Contract Representative Duties

The Contract Representative (department staff) is responsible for contract administration following an award. The duties of the Contract Representative outlined in the professional services contract include providing instructions, approving modifications to the work being performed or the project timeline, along with receiving project reports and retaining all documents drawings, specifications, reports, records, documents and other materials prepared by Firm in the performance of the contract.

The Contract Representative must ensure vendor compliance with any pricing agreements in effect, approve payment of invoices, monitor the progress of the project, inspect and accept any goods or services provided by the vendor, and provide timely feedback of vendor performance.

The Contract Representative may also request that the Purchasing & Materials Manager direct the supplier to perform services in addition to those specified in the contract. Any additional compensation not exceeding one-hundred thousand dollars (\$100,000) annually must be approved by written contract. Any greater increase must be approved in writing by the Executive Committee of the OCFA Board of Directors as required in the Roles and Responsibilities Matrix (Exhibit 2).

Contract administration can take many forms but typically requires the support of procurement for renewals, extensions, amendments, and cures. Compliance issues must be well documented by the Contract Representative and brought to the attention of Procurement in a timely manner.

20. Surplus

Fixed/controlled assets and other items owned by OCFA that are considered obsolete or no longer usable may be declared surplus. The Purchasing & Materials Manager is responsible for determining the most cost-effective manner of disposing of surplus property, including public auction or other public sale; vendor trade-in; or donation or sale to other government agencies.

Surplus property may not be sold to OCFA employees unless the general public is given the same opportunity; therefore, OCFA employees may only obtain surplus property through public sale.

Surplus items may be donated to another government agency, rather than sold, upon approval from the Fire Chief (for items valued at \$5,000 or less) and/or the Executive Committee or Board of Directors (for items valued at more than \$5,000).

It may be determined that a fixed/controlled asset or other item declared surplus may instead be utilized by another OCFA section/division. Items transferred to another area of the organization are no longer considered surplus property, since they will be retained by the OCFA in a different capacity.

Surplus equipment must have all OCFA identification removed prior to disposal. Surplus vehicles must have all OCFA identification and special equipment removed prior to disposal. Support vehicles will have light bars, radios and all lettering removed. Operations vehicles will have Code 3 equipment, radios and all lettering removed. Vehicles declared surplus must be inspected and must have either a certificate of compliance or non-compliance prepared if offered for retail sale.

Unless otherwise provided, all proceeds from the sale of surplus property will be deposited into the Authority's general fund.

21. Definition of Key Terms

“Aggregate Amount” is the total amount that has been spent with a supplier. Could be on a specific contract or for a specific item. The aggregate amount determines if a procurement will require competition and/or Executive Committee or Board approval.

“Agreement” is an understanding or arrangement between two or more parties. Also see “Contract”, and “Purchase Order”.

“Best Interest” means the discretionary rationale used by a purchasing official in taking action most advantageous to the agency when it is impossible to adequately delineate a specific response by law or regulation.

“Best Value” is a method in a competitive sealed proposal process, also known as an RFP, which permits the evaluation of criteria besides pricing to determine the best overall value to OCFA. The evaluation criteria must be stated in the solicitation.

“Blanket Order (Blanket Purchase Order) (BO)” is a price agreement between OCFA and a supplier that allows for authorized OCFA employees to purchase specified goods and/or services at pre-established prices, dollar limits and/or other terms and conditions, throughout the term of the agreement (unusually one year or longer). The BO may be renewable.

“Bonds” are forms of insurance to protect OCFA on a project. Standard purchasing related bonds include bid bonds, performance, and payment bonds to guarantee the bidder will honor their bid, enter into a contract, perform and complete all work contracted for, and pay all material suppliers and subcontractors for services and materials provided. Note: PCC§ 7103, requires all public work projects \$25,000 or greater to require a payment bond not less than 100 percent of the total contract amount.

“Brand Name or Equal” refers to using a brand name to describe the standards of quality, performance and other characteristics needed to meet the requirements of a solicitation, and invite offers for alternative, but equivalent products from a bidder.

“Business” means any corporation, partnership, individual, sole proprietorship, joint stock company, joint venture or any other private legal entity.

“California Uniform Public Construction Cost Accounting Act (CUPCCAA)” is an alternative method for public project work performed or contracted by public entities in California as defined by Public Contract Code § 22000 et seq. The Authority adopted the alternative informal bidding procedures on February 22, 1996 establishing informal bidding procedures for public works. Details of the bid thresholds and requirements can be found in PCC § 22000-22045.

“Capital Improvement” means an outlay of funds for the acquisition or improvement of real property, which extends the life or increases the productivity of the real property.

“Centralized Purchasing” means that only the Purchasing & Materials Manager and designees have the authority to purchase, negotiate and/or contract for supplies, services and equipment on behalf of the OCFA.

"Change Order" A written document signed and issued by the Purchasing Manager, or her designee directing the supplier or contractor to make a change or modification to a purchase order or contract. Also called an amendment, contract amendment or contract modification. In some instances, a change order will require EC/Board approval (see the Roles and Responsibilities Matrix).

"Chief Procurement Officer (CPO)" is the person appointed by the Fire Chief to be the central procurement and contracting authority for the Authority, at OCFA this is the Purchasing & Materials Manager.

"Competition" refers to various solicitation and bidding processes used by OCFA to ensure that all suppliers have an equal opportunity to obtain OCFA business. Purchases made with federal and state grant funds (i.e. FEMA, UASI, etc.) can have additional restrictions (such as lower dollar thresholds than OCFA's requirements) for requiring competition.

"Competitive Negotiation" a method for acquiring goods, services and construction for public use.

"Conflict of Interest" a situation where the personal interests of a contractor, public official, and/or designated employee are/is, or appear to be, at odds with the interests of the agency.

"Confirming Purchase Order" A purchase order issued "after the fact" (goods or services have been received) restating the terms and conditions that were agreed to by the department. Per the Uniform Commercial Code, all contracts in excess of \$500 must be in writing.

"Construction" The process of building, reconstructing, erecting, altering, renovating, improving, demolishing or repairing any Fire Authority owned, leased, or operated facility. Construction does not generally include maintenance work, which is defined to include routine, recurring, and usual work for the preservation or protection of any Fire Authority owned or operated facility for its intended purposes. However, the California Labor Code includes routine maintenance, repair, or operation (MRO) of existing real property in their definition of construction, and imposes additional requirements on contractors performing such work. See Public Works information below.

"Construction project management" means those services provided by a licensed architect, registered engineer, or licensed general contractor.

"Contract" means all types of Fire Authority agreements, regardless of what they may be called, (purchase order, professional services agreement, maintenance agreement, blanket order, etc.) for the procurement of materials, maintenance, services, public works, construction or the disposal of materials

"Contract claim" means a written demand or written assertion by one of the contracting parties seeking, as a matter of right, payment in a sum certain, adjustment or interpretation of contract terms, or other relief arising under or relating to the contract.

"Contract representative" means any person duly authorized to participate in the source selection process, including but not limited to; preparing specifications and written determinations, conducting negotiations, making award recommendations, and administering contracts.

“Contractor” shall mean any corporation, partnership, individual, sole proprietorship, joint venture or other legal entity which enters into a contract to sell commodities, services, or construction services to the Authority.

“Consultant” means a person or firm who provides professional or expert advice and/or recommendations, such as architects, engineers, attorneys, etc.

“Cooperative Agreement” An established (competitively bid) contract that is available for government agencies to use, without the need to conduct their own solicitation

“Cooperative Purchasing” means procurement conducted by, or on behalf of, more than one public procurement unit to get the benefit of volume purchasing discounts and reduction of time and cost.

“Cost” means the aggregate cost of all materials and services, including labor performed by force account.

“Days” unless otherwise specified, means calendar days and shall be computed by excluding the first day and including the last working day, unless the last day is a holiday, and then it is also excluded.

“Delegated Purchasing Authority” Is the authority to obligate OCFA to a purchase that the Purchasing Manager has delegated to a specific OCFA employee, for example, by use of the Cal Card). .

“Department” means the Purchasing Section of the Business Services Department.

“Design professional” means an architect or engineer, or both, duly licensed for professional practice, who may be employed by an owner for the purpose of designing a project.

“Design-bid-build” means a project delivery method in which:

- a) There is a sequential award of two (2) separate contracts.
- b) The first contract is for design services.
- c) The second contract is for construction.
- d) Design and construction of the project are in sequential phases.
- e) Finance services, maintenance services and operations services are not included.

“Design-build” means a project delivery method in which:

- a) There is a single contract for design services and construction services.
- b) Design and construction of the project may be in sequential or concurrent phases.
- c) Finance services, maintenance services, operations services, preconstruction services and other related services may be included.

“Designee” means a duly authorized representative of the Purchasing & Materials Manager, designated by the Purchasing & Materials Manager.

“Discussions” means communication with an offeror, bidder or respondent for the purpose of:

- a) Eliminating minor irregularities, informalities, or apparent clerical mistakes in the offer or response;
- b) Clarifying any offer or response to assure full understanding of, and responsiveness to, solicitation requirements;
- c) Resolving minor variations in contract terms and conditions; or

- d) Establishing the competency or financial stability of any offeror, bidder or respondent."

"Disposal of material" means sale of surplus property by public auction, including online electronic auction, competitive sealed bidding, trade-in, recycling, or other appropriate method authorized by this code.

"Electronic" means electrical, digital, magnetic, optical, electromagnetic, or any other similar technology.

"Emergency" means a sudden, unexpected occurrence that poses a clear and imminent danger, requiring immediate action to prevent or mitigate the loss or impairment of life, health, property, or essential public services.

"Emergency for Public Projects" shall have the meaning provided in Public Contract Code § 22035 and 22050.

"Emergency Purchase" a purchase made in response to a sudden, unexpected occurrence that poses a clear and imminent danger, requiring immediate action to prevent or mitigate the loss or impairment of life, health, property, or essential public services as defined in the Purchasing Ordinance. In an emergency situation compliance with normal procurement practice may be impracticable, however Purchasing must be notified. By definition, emergency purchases are those made within the first 70 hours following an event, and are not the same as an "urgent" need.

"Encumbrance" Committed funds for a specific purchase, created when a PO is issued. The money for the purchase is committed when a PO is issued and is no longer available in the budget for other purchases. Blanket Orders are not encumbered.

"End User/Requestor" means the agency employee who is requesting the procurement be made.

"Equal or Equivalent" is a phrase used to indicate the acceptability of products or services that, although not identical to a given brand name or model, are functionality equivalent for the purpose to be used by the OCFA, and therefore may be bid as an alternate to the specification called out in the solicitation.

"Executive Committee" means the Executive Committee of the Orange County Fire Authority Board of Directors.

"Facility" means any plant, building, structure, ground facility, real property, street, highway or other public work improvement.

"Filed" means delivery to the contract officer or to the Purchasing & Materials Manager, whichever is applicable. A time and date of receipt shall be documented in a verifiable manner for purposes of filing.

"Finance services" means financing for a construction services project.

"Fire Authority" means the Orange County Fire Authority.

"Firm" means any individual, firm, partnership, corporation, association or other legal entity permitted by law to practice the profession of architecture, landscape architecture, engineering, environmental services, land surveying, or construction project management.

“Force account” means work performed on public projects by the Authority’s regularly employed personnel, including but not limited to labor, equipment, materials, supplies and subcontracts of OCFA. Per Public Contract Code PCC 22032, use of force account is limited to projects of \$45,000 or less.

“Governing instruments” means those legal documents that establish the existence of an organization and define its powers including articles of incorporation or association, constitution, charter and by-laws.

“Grant” means the furnishing of assistance, whether financial or otherwise, to any person to support a program authorized by law. Grant does not include an agreement whose primary purpose is to procure a specific end product, whether in the form of materials, services or construction. A contract resulting from such an agreement is not a grant but a procurement contract.

“Informal Bidding Procedures” are those used for small dollar purchases of goods or services, as described in Ordinance Section 1-20, or public projects within the limits listed in the PCC § 22302, which do not require formal, sealed competitive solicitations. The requirements of informal solicitations for public works are described in PCC § 22034. All projects greater than the informal bid thresholds require formal solicitations and may require OCFA Board approval.

“Interested party” means an actual or prospective bidder, respondent or offeror whose economic interest may be affected substantially and directly by the issuance of a solicitation, the award of a contract or by the failure to award a contract. Whether an economic interest exists will depend upon the circumstances of each case. An interested party does not include a supplier, sub consultant or subcontractor to an actual or prospective bidder, respondent or offeror.

“Invitation for Bids (IFB)” A formal competitive source selection method used when specifications and price are the only evaluation and awarding factors, and the lowest, responsive and responsible bidder is awarded the contract. Typically used for purchase of goods greater than \$50,000 (formal bids).

“Local Bidder” means a bidder who regularly maintains a place of business, or maintains an inventory of materials, supplies or equipment for sales in, and is licensed by, or pays business taxes within the County of Orange, California.

“Maintenance work” shall have the meaning provided in PCC § 22002(d), as that section may be amended from time to time, and shall include the following:

- (a) Routine, recurring, and usual work for the preservation or protection of any publicly owned or publicly operated facility for its intended purposes.
- (b) Minor repainting.
- (c) Resurfacing of streets and highways at less than one inch.
- (d) Landscape maintenance, including mowing, watering, trimming, pruning, planting, replacement of plants, and servicing of irrigation and sprinkler systems.

Note: Labor Code § 1771 which provides specific requirements when contracting for these services.

“Materials” means all property, including but not limited to, equipment, supplies, printing, insurance and buildings but does not include land, a permanent interest in land or leases of real property.

“Minor informalities or irregularities” means mistakes, or non-judgmental errors, that have negligible effect on price, quantity, quality, delivery, or other contractual terms whereby the waiver or correction of such mistakes does not prejudice other bidders, offerors or respondents.

“Negotiations” means an exchange of information or any form of cooperation during which the offeror and the Authority may alter or otherwise change the conditions, terms, and price, unless prohibited, of the proposed contract.

“Person” means any corporation, consultant, business, individual, union, committee, club, other organization or group of individuals.

“Piggyback” refers to a type of cooperative purchasing in which another governmental agency has completed a sealed bid procurement for the item(s) needed, and arranged as part of their resulting contract, for other public purchasing agencies to be able to purchase from the selected vendor under the same terms and conditions as itself, eliminating the need for this particular item to be bid again.

“Potential Bidder or Offeror” means a person who, at the time the agency issues a solicitation, or proposes to award a contract, is engaged in the sale or lease of goods or the services of the type to be procured under the contract, and who at such time is eligible and qualified in all respects to perform that contract.

“Preconstruction services” means professional or technical services during the design phase of a project.

“Prequalification” means a procedure to prequalify products or vendors and limit consideration of bids or proposals to only those products or vendors which have been prequalified through establishment of a list of products which have been tested, or contractors whose capability to provide a service has been evaluated and approved based on written prequalification procedures.

“Prevailing Wage” The base pay rate established by the State of California and Federal law to ensure that all construction workers engaged in public works projects are paid adequately for the craft they are working in. It is the combination of an hourly pay rate plus fringe benefits. All public works projects greater than \$1,000 are subject to include prevailing wages. This also applies to maintenance work. See LC § 1771

“Procurement” means buying, purchasing, renting, leasing, or otherwise acquiring any materials, services, or construction. Procurement also includes all functions that pertain to the acquisition of any material, service, or construction including but not limited to, description of requirements, selection and solicitation of sources, preparation, negotiation and, award of contract, and all phases of contract administration.

“Professional design services” means architect services, engineering services, geologist services, landscape architect services, and land surveying service or any combination of those services that are legally required to be accomplished, reviewed, and approved by professionals registered to practice in the pertaining discipline in the State of California.

“Professional engineer” refers to a person engaged in the professional practice of rendering service or creative work requiring education, training and experience in engineering sciences and the application of special knowledge of the mathematical, physical and engineering sciences in such professional or creative work as consultation, investigation, evaluation, planning or design of public or private utilities, structures,

machines processes, circuits, buildings, equipment or projects, and supervision of construction for the purpose of securing compliance with specifications and design for any such work.

"Professional service" means a unique, technical function performed by an independent contractor or firm qualified by education, experience, and/or technical ability to provide services and may include consulting, marketing analysis, banking services, auditing, software development/design, and editing services.

"Property" means controlled fixed assets including supplies, materials or equipment with a useful life of more than one (1) year and value greater than \$5,000.

"Property transfer" means the transfer of controlled fixed assets between using agencies or transfer of property to or from the surplus property program.

"Proprietary Specification" means one that restricts the acceptable products or services to those of one manufacturer or vendor. A common example would be a specification by brand name, or for a patented product, which excludes consideration of proposed "equals" or "equivalents".

"Public notice" means the distribution or dissemination of information to interested parties using methods that are reasonably available. Such methods may include electronic mailing lists and a website maintained for that purpose.

"Public project" shall have the meaning provided in PCC § 22002(c), as that section may be amended from time to time, and shall include the following:

- (a) Construction, reconstruction, erection, alteration, renovation, improvement, demolition, and repair work involving any publicly owned, leased, or operated facility.
- (b) Painting or repainting of any publicly owned, leased, or operated facility.

"Public project" does not include maintenance work.

"Public works contract" means an agreement for the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

"Public Works/Public Project" as used in Labor Code § 1720(a) defines public works as construction and other enumerated construction-related tasks including "maintenance," (see Labor Code§ 1771) such as construction, alteration, demolition, installation, maintenance, or repair work, done under contract, and paid for in whole or in part out of public funds, and may include preconstruction and post-construction activities related to a public works project.

"Purchase Order (PO)" A legally binding written contract, encumbering funds between OCFA and a supplier documenting what the supplier will provide including cost, delivery schedule, terms of payment and delivery charges.

"Purchase Requisition (Req.)" A standardized fill-in form completed by the requesting department containing a complete description of their requirement submitted to Purchasing to authorize a purchase. This initiates the purchasing process.

"Purchasing Authority" refers to the authorization to obligate OCFA money. The Purchasing & Materials Manager/Purchasing & Materials Manager is the central procurement and contracting authority for the OCFA and may delegate purchasing authority to designees. Ordinance 8 Sec. 1-11(2) (4)

"Registered supplier" means a supplier, vendor, or contractor that that has registered as an interested party to do business with the Authority.

"Request for Information (RFI)" Informal request for information from the vendor community used to better develop specifications and to gauge interest in the providing services to OCFA. There is no award made from the RFI process.

"Request for Proposals (RFP)" A formal competitive source selection method used when other factors besides price will be used in the evaluation of the proposals. This method is typically used for services or when it is unknown what product best meets OCFA's needs. The factors that will be evaluated must be included in the initial solicitation. Further negotiations with the top ranked firms is allowable in this source selection method.

"Request for qualifications" refers to all documents, written or electronic, whether attached or incorporated by reference, used for soliciting qualifications from potential vendors.

"Request for Quotes (RFQ)" An informal competitive source selection method for purchases of materials or services (not construction) less than \$50,000. Detailed specifications are required and the solicitation can be posted electronically or emailed, requiring less paperwork and faster turnaround than a formal sealed bid.

"Responsible bidder, offeror, or respondent" means a person who has the experience, integrity, quality, perseverance, reliability, capacity, facilities, equipment, and financial resources to fully perform the contract requirements.

"Responsive bidder" means a person who submits a bid which conforms in all material respects to the requirements and criteria in the solicitation.

"Scope of Work" The division of work to be performed under a contract or subcontract in the completion of a project or group of projects, typically broken out into groups of activities with specific tasks associated within each group.

"Services" means the furnishing of labor, time or effort by a contractor, consultant, subcontractor or sub-consultant which does not involve the delivery of a specific end product other than required design documents or reports and performance. Services include, but are not limited to; consulting, personal, professional and legal counsel, auditing, technical, professional design and construction management. They do not include employment agreements or collective bargaining agreements.

"Simplified Acquisition Threshold" means the dollar amount below which a non-Federal entity may purchase property or services using small purchase methods, as set forth in Title 2 of the Code of Federal Regulations, Part 200, as it may be amended from time to time.

"Single Source" refers to a procurement entered into after soliciting and negotiating with only one supplier, usually because of standardization, time constraints, the technology required or uniqueness of

the product or service provided. A single source differs from a “sole source”, in that the single source is not the **only** available product or supplier for the requested procurement, but is being used based on special circumstances, or perceived superiority to competing products or services.

“Sole Source” means a product or service that is available from **only** one supplier as a result of unique performance capabilities, manufacturing processes, compatibility requirements or market conditions.

“Solicitation” A request to vendors to provide competitive offers for a commodity or service need. This can also refer to the documents that are included in each solicitation. There are multiple types of solicitations including; RFQ, RFP, IFB, and RFI. See the definitions of each for further detail.

“Source Selection Method” The type of purchasing process and/or solicitation to be used for the purchase of a specific good or service.

“Special Procurement” A purchase, where due to unusual or special circumstances, it would be in the best interest of the OCFA to accomplish the procurement without competitive bidding. Special Procurements are not applicable to construction services.

“Specification” Detailed description of the physical or functional characteristics or the nature of supplies, equipment, service or construction. Some examples include size, weight, performance parameters, safety requirements, etc.

“Splitting of Purchase” means splitting a purchase into smaller orders for the purpose of evading a policy rule (*such as a CAL-Card limit*) or *bidding threshold*. This practice is strictly prohibited by Procurement and Accounting standard codes of conduct.

“Subcontractor or sub consultant” means a person who contracts to perform work or render service to a contractor or consultant as defined by this section or to another subcontractor or sub consultant as a part of a contract with the Authority.

“Surplus property” means property no longer needed by using department for their operations, property in poor or non-working condition, or property that is a by-product (e.g. scrap metal, used tires and oil, etc.).

“Urgent Purchase” A purchase made to fill an immediate, unexpected need. Purchasing staff will make every effort to process urgent purchases within the Purchasing Ordinance and the law governing the type of purchase.

“Using department” means any organizational unit of the Authority, which utilizes any materials, services or construction procured under this code.

“Written or in writing” means the product of any method for forming characters on paper or other material or viewable screen, which can be read, retrieved, and reproduced, including information that is electronically transmitted and stored.

22. Exhibits

ORANGE COUNTY FIRE AUTHORITY

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December 2, 2002 REVISED

GO #6

GENERAL ORDER

CONFLICT OF INTEREST

Outside employment opportunities are within the rights of any Fire Authority employee. However, the Authority retains the right to require that Authority employees not engage in outside employment or teaching that would interfere with the performance of their assigned duties, or be a conflict of interest in their position with the Authority.

Authority time, property, tools, materials, records, confidential information, vehicles or buildings shall not be used in conjunction with any outside employment or teaching, or for any other personal gain by an Authority employee without direct and specific approval by the Fire Chief.

Authority employees shall not engage in any outside activity, employment or enterprise that is inconsistent, or incompatible with, or in conflict with their duties as Authority employees. Such employment, activity or enterprise includes, but is not limited to, those which involve:

1. The uses of Authority time, facilities, equipment, badge, or uniform for private gain or advantage, or gain or advantage of another entity.
2. The use of prestige or influence of Authority employment for private gain or advantage, or the gain or advantage of another entity.
3. The use of confidential information acquired by virtue of Authority employment for the employee's private gain or advantage, or gain or advantage of another entity.
4. The acceptance of money or other consideration by an employee from any source except the Authority for the performance of an act which the employee would be required or expected to render in the regular course or hours of his/her Authority employment, or as a part of his/her duties as an Authority employee.
5. The performance of an act in other than his/ her capacity as an Authority employee, knowing that such act may later be subject directly or indirectly, to the control, inspection, review, audit, or enforcement by the employee or the department in which he/she is employed.
6. The representation of, or assisting in, the representation of private interests for profit before any board or commission of the County or in court when the Authority is a party.
7. The solicitation of future employment with a business doing business with the Authority over which the employee has some control or influence in his/her official capacity at the time of transaction.
8. Tasks, work conditions, time demands, or schedule demands that detract from job performance with the Authority, or cause the employee to be less efficient.

GENERAL ORDER

CONFLICT OF INTEREST

Authority employees who are engaged in, or who contemplate engaging in outside employment or teaching and are unsure whether that outside employment or activity is in violation of this General Order, shall submit a request through channels to their respective Department Chief. The information submitted shall include a clear and complete description of the activity.

The determination of inconsistency, incompatibility, and conflict made herein are subject to appeal to the Fire Chief presented within twenty days of the publication of this order.

In addition to the provisions of this order, Authority employees should also be aware that California law specifically prohibits the following activities:

1. Asking, receiving or agreeing to receive, any bribe, upon any agreement or understanding that a vote, opinion, or action upon any matter then pending, or which may be brought up for consideration in an official capacity, shall be influenced thereby. (Penal Code - 68)
2. Having financial interest in any contract made by the employee in his/her official capacity or by any body or board of which he/she is a member. (Government Code - 1090)
3. Selling anything to the Authority when official duties are in any way related to the transaction. (Government Code - 1090)
4. The making of, participating in the making of, or using official position to influence, a government decision in which a public official knows, or has reason to know, he/she has a personal financial interest. (Government Code 87100)



Chip Prather
Fire Chief

ORANGE COUNTY FIRE AUTHORITY
Roles/Responsibilities/Authorities
(specific to Procurement)

All authority rests with the Board of Directors unless it is delegated by statute or board action. When delegated, these authorities are further defined by contracts, resolutions, policies, or other board actions. The following chart defines OCFA's levels of authority. The Board of Directors has the authority to change these delegations within the parameters of legal and contractual restrictions.

	Authority Management	Executive Committee	Board of Directors
Commodity purchases (materials, equipment & supplies) Ord. 8, Sec. 1-3(18)	Approve purchase of commodities (Ord. 8, per Art. III selection process or Art. X cooperative purchasing) for annual contract amount less than \$250,000. Approve any increase to commodity term contracts provided the annual contract amount remains less than \$250,000.	Approve purchase of commodities with an annual contract amount greater than \$250,000. Approved increase to commodity contracts if the increase results in the annual contract being greater than \$250,000.	
Fixed asset purchases	Approve purchase of fixed assets with unit cost less than \$100,000.	Approve purchase of fixed assets with a unit cost greater than \$100,000.	
Service Contracts - <i>includes professional services, facilities & equipment services, and consulting.</i>	Approve all service contracts (selection process per Ord. 8, Art. III, or Art. X) for annual contract amount less than \$100,000. Approve multi-year contracts so long as the annual amount is less than \$100,000, and the total contract amount does not exceed \$500,000.	Approve all service contracts in which the annual contract amount exceeds \$100,000 or multi-year contract exceeds \$500,000 when future years are taken into consideration. Contract extensions beyond the initial contract term and allowable contract extensions will require Executive Committee approval prior to contract extension.	

ORANGE COUNTY FIRE AUTHORITY
Roles/Responsibilities/Authorities
(specific to Procurement)

	Authority Management	Executive Committee	Board of Directors
Change Orders/ Modifications Service Contract Amendments (<i>Non Public Projects</i>)	For service contracts within the limits delegated herein to Authority Management, approve change orders in any amount so long as the revised amount remains within the delegated limits. For contracts originally approved by the Executive Committee or Board of Directors, approve change orders within the original scope of work, less than 15% but not to exceed a total value of \$50,000.	Approve change order/modifications to any contracts with original or revised values that exceed those amounts delegated herein to Authority Management.	
Emergency Purchases/Contracts	Approve emergency purchases, as defined in Ord. 8, Sec. 1-3(14) & Sec. 1-22, up to \$100,000.	Purchases in excess of \$100,000 require prior approval of Chair or Vice Chair and must be reported at the next Executive Committee meeting.	
Sole Source Contracts	Approve any sole source contracts less than \$50,000, so long as acceptable justification is provided by the using agency per the requirements in Ord. 8, Sec. 1-21.	Approve any sole source contracts when aggregate amount exceeds \$50,000. <i>Sole source justification form is a required attachment to the staff report.</i>	
Special Procurement Contracts – <i>utilized when it is in the best interest of OCFA to award a contract without bidding requirements and the procurement does not meet the definition of a sole source.</i>	Approve any special procurement contract less than \$50,000, so long as acceptable justification is provided by the using agency per the requirements in Ord. 8, Sec. 1-23.	Approve any special procurement contract when the aggregate amount exceeds \$50,000. <i>Special procurement justification form is a required attachment to the staff report.</i>	

ORANGE COUNTY FIRE AUTHORITY
Roles/Responsibilities/Authorities
(specific to Procurement)

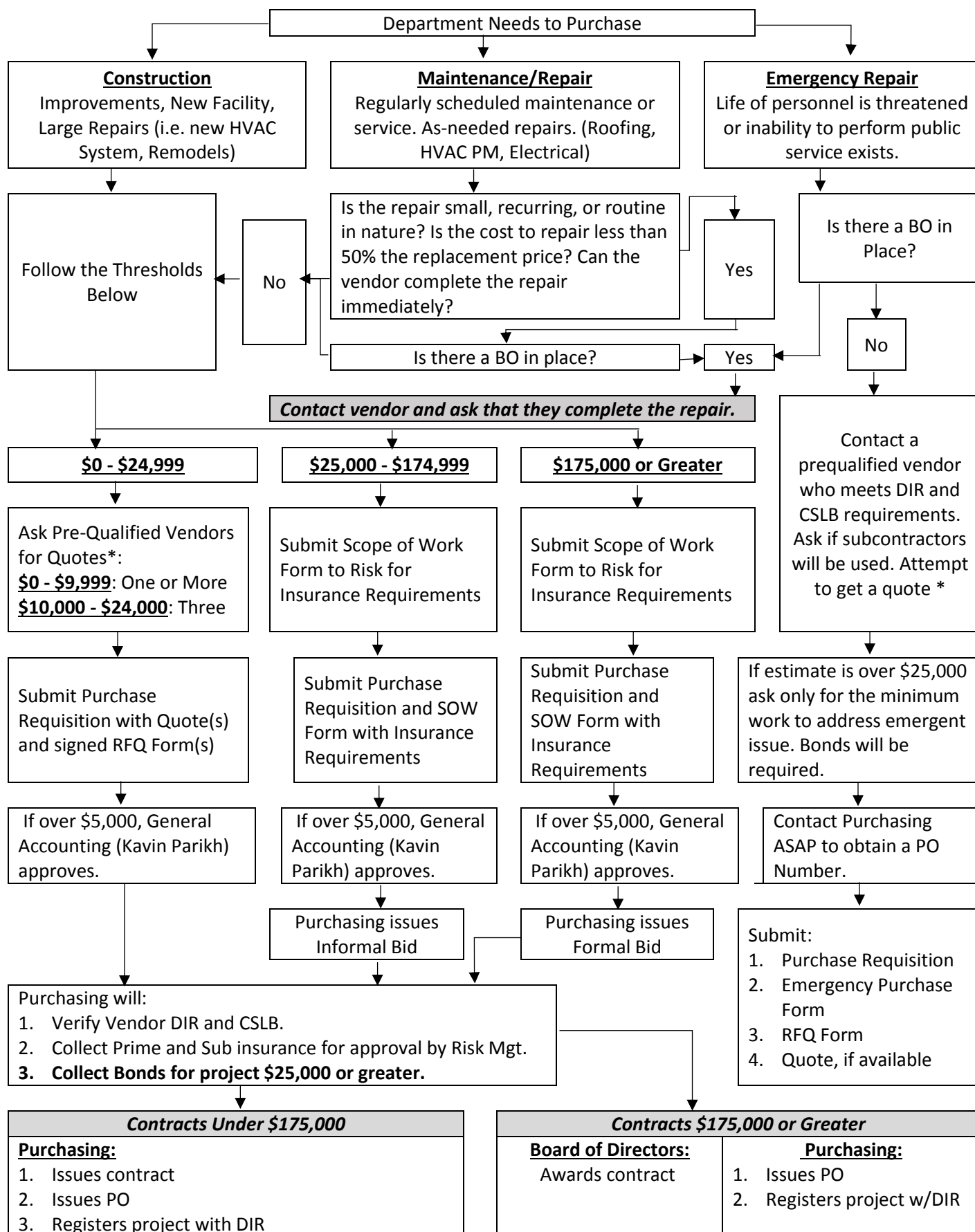
	Authority Management	Executive Committee	Board of Directors
Public Projects	Approve all informal public projects in amounts up to the statutory limits authorized by Public Contract Code Section 22032 (Currently projects under \$175,000).		Approve all formal public works contracts in amounts at or above the statutory limits authorized by Public Contract Code Section 22032 (Currently projects over \$175,000).
Public Projects - Change Orders/ Modifications for formal and informal Public Projects as set forth in Public Contract Code Section 22032	Approve Change Order/modifications for formal and informal Public Projects up to 10% of original contract amount, but less than a total value of \$17,500.	Approve Change Order/modifications for informal Public Projects over 10% of original contract amount, or exceeding a total value of \$17,500.	Approve Change Order/modification on formal Public Projects over 10% of original contract amount, or exceeding a total value of \$50,000 which ever is less.
Public Projects – Emergency as defined in Public Contract Code Sections 22035 and 22050 (Ord. 8, Sec. 1-53)	Fire Chief or designee has authority to declare an emergency and authorize procurement of equipment, services, construction services and supplies without the competitive bidding requirements when it is impracticable to convene a meeting of the Board of Directors prior to addressing the emergency needs.		Authorize exemption from procurement requirements by four-fifths vote (at next scheduled meeting) as required per Public Contract Code Sections 22035 and 22050.

OCFA Purchase Process and Thresholds - Standard



***This chart is provided for general guidance for the purchasing process. There may be additional State of California requirements for Maintenance contracts and Public Works projects not defined in this chart.

OCFA Purchase Process and Thresholds – Public Works



*Use the RFQ Form provided by Purchasing and found on theHIVE.