



ORANGE COUNTY FIRE AUTHORITY

AGENDA

BOARD OF DIRECTORS REGULAR MEETING
Thursday, May 25, 2017
6:00 P.M.

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

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

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



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

CALL TO ORDER

INVOCATION by OCFA Chaplain Duncan McColl

PLEDGE OF ALLEGIANCE by Director Nelson

ROLL CALL

PRESENTATIONS

1. Requests for Commendations and Proclamations
Submitted by: Sherry Wentz, Clerk of the Authority

- A. Recognition of former OCFA Board Chair for his service
- B. Length of Service Recognitions
- C. Recognition of Fire Captain Steve Concialdi recipient of the Friends Against Drinking and Driving Recognition

Recommended Action:

Approve request as submitted and make presentations to those present.

PUBLIC COMMENTS

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

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

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

CLOSED SESSION**CS1. THREAT TO PUBLIC SERVICES OR FACILITIES**

Authority: Government Code Section 54957(a)

Consultation with Irvine Police Department Lieutenant and Sergeant

CS2. CONFERENCE WITH LEGAL COUNSEL-ANTICIPATED LITIGATION

Authority: Government Code Section 54956.9(d)(2) – Significant Exposure to Litigation (1 cases)

CS3. CONFERENCE WITH LEGAL COUNSEL-EXISTING LITIGATION

Name of Claim: Gregory Hennessey vs. OCFA

Case Nos. 0518-WC-14-0500306

Authority: Government Code Section 54956.9(a)

CS4. CONFERENCE WITH LEGAL COUNSEL-EXISTING LITIGATION

Name of Claim: Gregory Lonza vs. OCFA

Case Nos. 0518-WC-14-0500164

Authority: Government Code Section 54956.9(a)

CS5. CONFERENCE WITH LEGAL COUNSEL-EXISTING LITIGATION

Name of Claim: Roger James vs. OCFA

Case Nos. ADJ1029504

Authority: Government Code Section 54956.9(a)

CS6. CONFERENCE WITH LEGAL COUNSEL-EXISTING LITIGATION

Name of Case: Medix Ambulance Inc. v. Orange County Fire Authority

Case No.: OC Superior Court Case No. 30-2015-00773054-CU-BT-CJC

Authority: Government Code Section 54956.9(d)(1)

CS7. CONFERENCE WITH LABOR NEGOTIATOR

Agency Designated Representative: Lori Zeller, Assistant Chief

Employee Organizations: All Groups

Authority: Government Code Section 54957.6

CLOSED SESSION REPORT

REPORT FROM THE BUDGET AND FINANCE COMMITTEE CHAIR

REPORT FROM THE CLAIMS SETTLEMENT COMMITTEE CHAIR

REPORT FROM THE FIRE CHIEF

- Gold Spotted Oak Borer (Norton)
- USAR Contingency Fund Use (Anderson)
- Pulse Point Update (Anderson)
- Grand Jury Report (Kendig)
- October 27, 2016, Action Items Update

2. MINUTES

- A. Minutes from the (A) March 23, 2017, Regular Board of Directors Meeting, and Minutes from the (B) April 27, 2017, Special Board of Directors Meeting**
Submitted by: Sherry Wentz, Clerk of the Authority

Recommended Action:
Approve as submitted.

3. CONSENT CALENDAR

- A. Updated Cost Reimbursement Rates**

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

Budget and Finance Committee Recommendation: *APPROVE*

Recommended Action:

Approve and adopt the proposed Cost Reimbursement Rate schedules to be effective July 1, 2017.

- B. Orange County Drowning Prevention Task Force**

Submitted by: Jeff Bowman, Fire Chief

Budget and Finance Committee Recommendation: *APPROVE*

Recommended Action:

Approve a budget adjustment in the General Fund (121) increasing appropriations in the amount of \$25,000 for funding of the Orange County Drowning Prevention Task Force.

- C. Amendment to County Island Fire and Medical Services Agreement with the City of Anaheim**

Submitted by: Brian Young, Assistant Chief/Operations Department

Recommended Action:

Approve and authorize the Board Chair to execute the Fifth Amendment to the Agreement with the City of Anaheim for the period of July 1, 2015, through June 30, 2020, for the purpose of providing fire and medical services to county unincorporated areas (county islands) located within, or adjacent to, the boundaries of the City of Anaheim.

D. Ratify Appointment to Executive Committee

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

Recommended Action:

Ratify the appointment of Tri Ta (Westminster) to the Executive Committee.

END OF CONSENT CALENDAR**4. PUBLIC HEARING(S)****A. Review of the Proposed Fiscal Year 2017/18 Budget**

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

Budget and Finance Committee Recommendation: *APPROVE*

Recommended Actions:

1. Conduct a Public Hearing.
2. Adopt the proposed FY 2017/18 Budget as submitted.
3. Adopt the proposed Resolution entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS ADOPTING AND APPROVING THE APPROPRIATIONS BUDGET FOR THE ORANGE COUNTY FIRE AUTHORITY FOR FISCAL YEAR 2017/18.
4. Approve and authorize the temporary transfer of up to \$42 million from the following Funds to cover a projected temporary cash flow shortfall for FY 2017/18:
 - Fund 123 Fire Stations and Facilities - \$15 million
 - Fund 124 Communications and Information Systems - \$13 million
 - Fund 133 Fire Apparatus - \$14 million
5. Approve and authorize the repayment of \$42 million borrowed funds from Fund 121 to the above Funds along with interest when General Fund revenues become available in FY 2017/18.
Approve and authorize a FY 2016/17 budget adjustment to increase net revenues by \$138,450 and appropriations by \$447,113, as further described in this staff report.

5. DISCUSSION CALENDAR**A. Review of Request for Stanford Study**

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

Pension Ad Hoc Committee Recommendation: *DECLINE REQUEST*

Recommended Actions:

Decline the request for OCFA to take action to facilitate a Stanford Study.

B. Professional Labor Negotiation Services

Labor Negotiator Ad Hoc Committee Recommendation: *APPROVE OPTION 1*

Executive Committee Recommendation: *APPROVE w/MODIFIED TERMS*

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

Recommended Actions:

Approve the Professional Services Agreement (Option 1) with Peter Brown, Liebert Cassidy Whitmore, for professional labor negotiation services for a three year term (July 1, 2017, to June 30, 2020), at an annual amount not to exceed \$100,000.

BOARD MEMBER COMMENTS

ADJOURNMENT - The next regular meeting of the Orange County Fire Authority Board of Directors is scheduled for Thursday, July 27, 2017, at 6:00 p.m.

AFFIDAVIT OF POSTING

I hereby certify under penalty of perjury under the laws of the State of California, that the foregoing Agenda was posted in the lobby, front gate public display case, and website of the Orange County Fire Authority, Regional Fire Operations and Training Center, 1 Fire Authority Road, Irvine, CA, not less than 72 hours prior to the meeting. Dated this 18th day of May 2017.

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

UPCOMING MEETINGS:

Budget and Finance Committee Meeting

Wednesday, June 14, 2017, 12 noon

Claims Settlement Committee Meeting

Thursday, June 22, 2017, 5:00 p.m.

Executive Committee Meeting

Thursday, June 22, 2017, 5:30 p.m.

AGENDA ITEM NO. 1A

There are no supportive materials
for Presentation Item No. 1A



Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
May 25, 2017

Agenda Item No. 1B
Presentations

Length of Service Recognition(s)

Contact(s) for Further Information

Brian Young, Assistant Chief
Operations Department

brianyoung@ocfa.org

714.573.6014

Dave Spencer, Battalion Chief
Communications and Public Affairs

davespencer@ocfa.org

714.573-6028

Summary

This is routine agenda item that provides an opportunity to highlight our tenured employees and allow the Board an occasion to meet and recognize them for their service to our organization.

Prior Board/Committee Action

Not Applicable.

RECOMMENDED ACTION(S)

Recognize Length of Service recipients in attendance.

Impact to Cities/County

Not Applicable.

Fiscal Impact

Not Applicable.

Background

All employees including professional and suppression staff members that achieve 35 years of service will be invited to attend a regular meeting of the Board of Directors for recognition of their length of service to the Orange County Fire Authority.

The following OCFA employees have reached this milestone anniversary and have been invited to attend tonight's Board meeting for recognition: **Battalion Chief Ron Roberts**, Fire Captain Greg Bradshaw, Fire Captain John Chedister, Fire Captain Gary Lee, Fire Captain Steven Rovano, Fire Captain Timothy O'Hare, Fire Apparatus Engineer Patrick McHugh, **Fire Apparatus Engineer Eddie Medrano**, and Fire Apparatus Engineer Mark Osterhues.

Names bolded above identify the OCFA employees who have confirmed their attendance at the time of the preparation of the agenda report, and will be presented with new badges that recognize their service years with the OCFA.

Attachment(s)

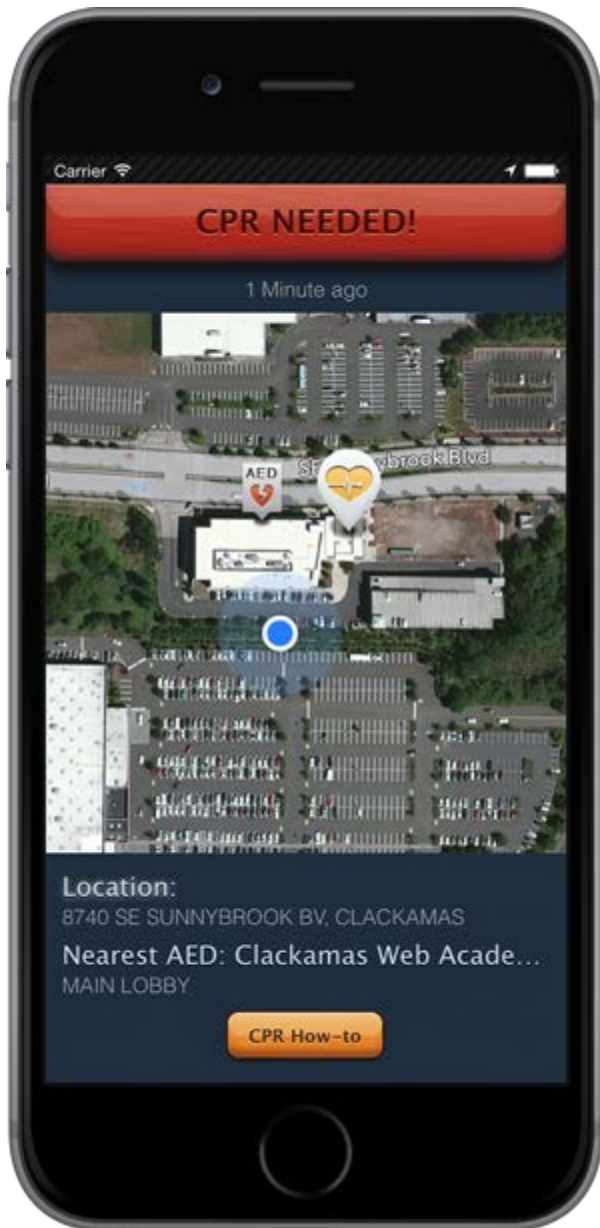
None.

AGENDA ITEM NO. 1C

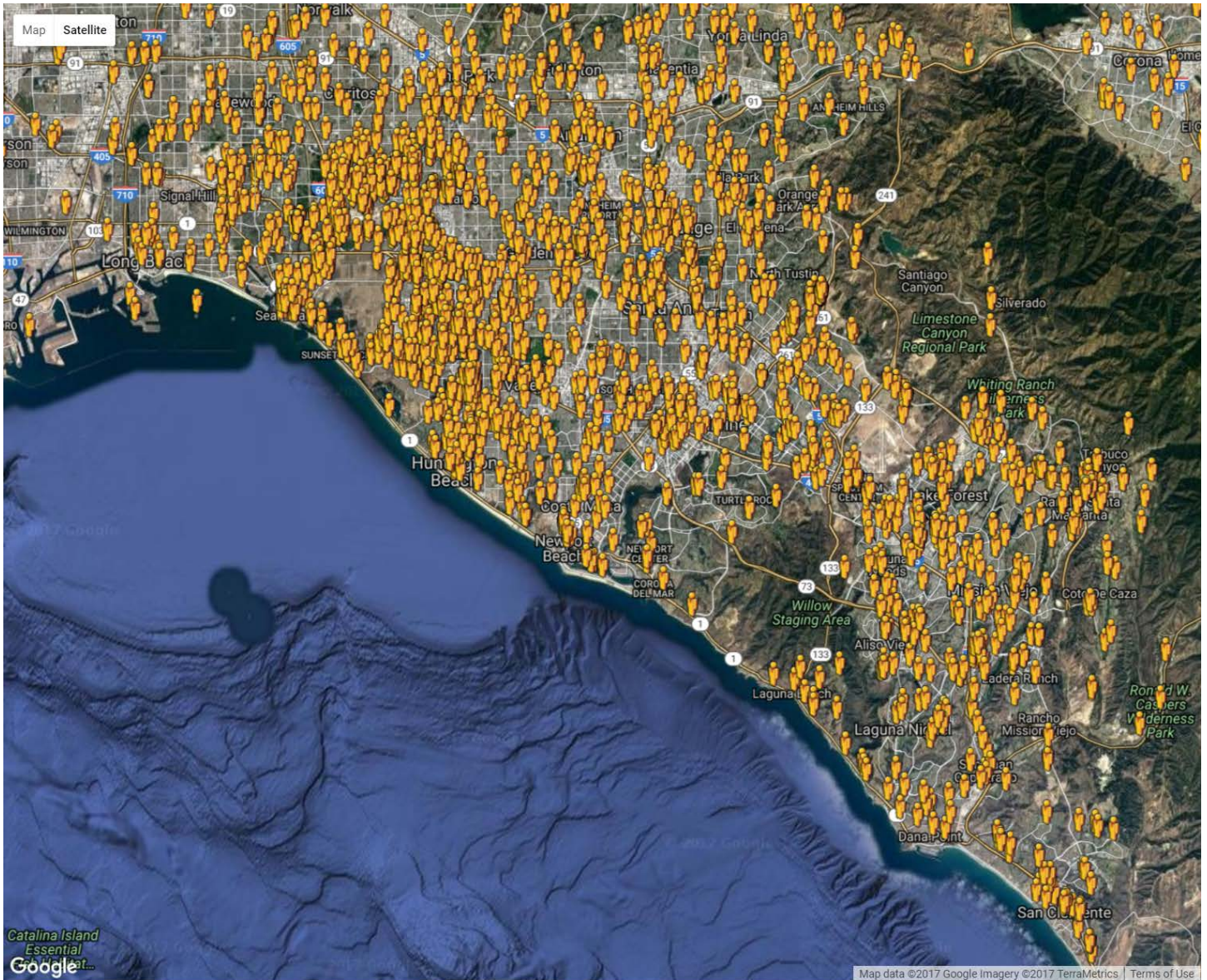
There are no supportive materials
for Presentation Item No. 1C

PulsePoint

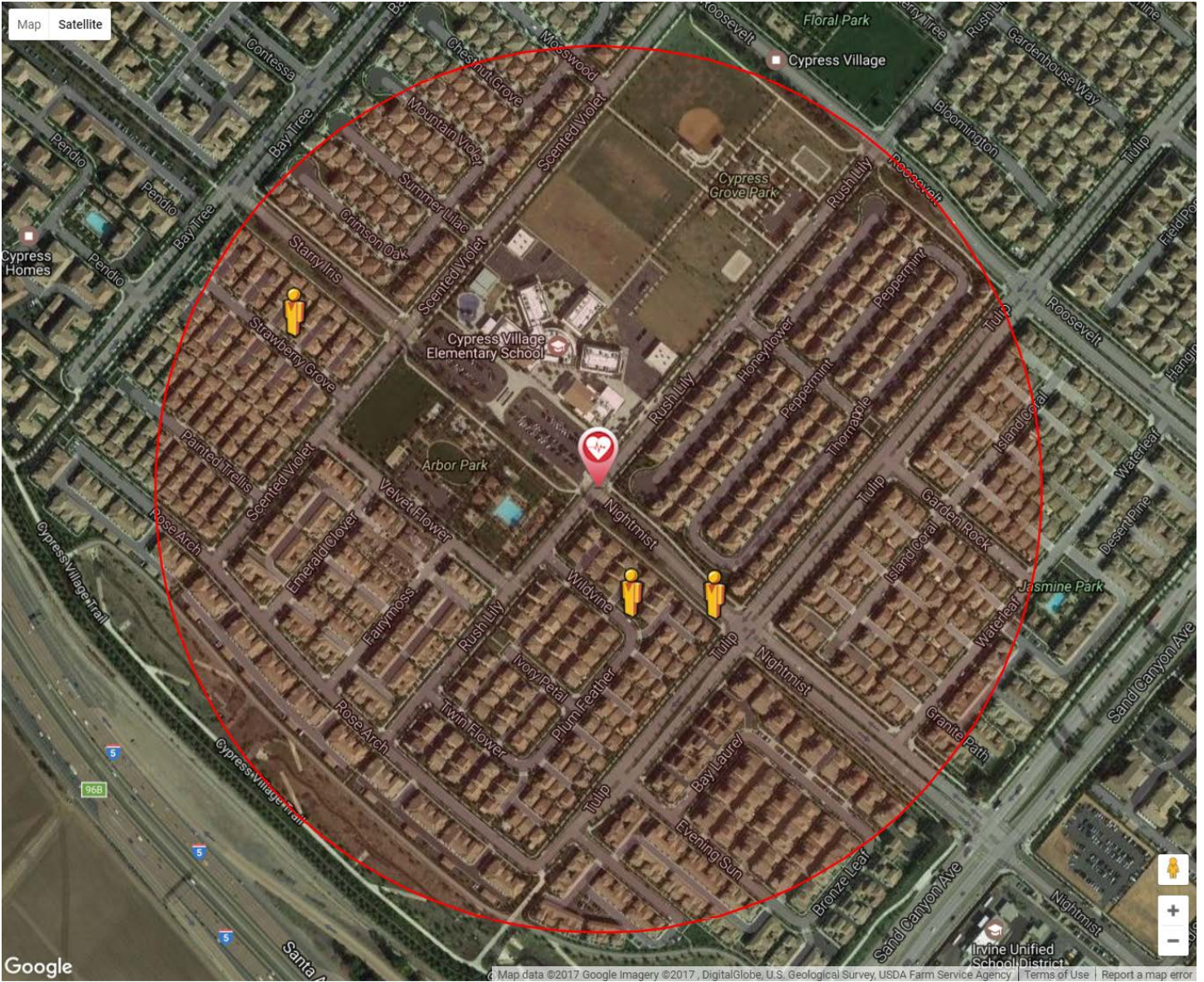
iOS and Android App



PulsePoint Responder Map



May 12, 2017



Orange County Fire Authority
Executive Management

MEMO

DATE: May 22, 2017

TO: OCFA Board of Directors

FROM: Jeff Bowman, Fire Chief

SUBJECT: **Update on Action Items from the October 27, 2016, Board Meeting**

On November 10, 2016, I provided the attached memo summarizing actions items that I had identified for follow-up as a result of the October 2016 meetings of the Executive Committee and Board of Directors. Below is a recap of the action items with an updated response and status for each issue.

Issue 1: My early direction to staff was to streamline staff reports wherever possible to clarify the desired Board action and eliminate excessive use of paper. It was always out intent, however, to provide interested Board members with additional information, as requested. One Director specifically requested all attachments in future agenda packets.

Response: Director Gamble spends a great deal of time reviewing and editing staff reports, particularly those in her area of expertise, i.e. construction, contracts, etc. From this point forward, she (and any other Board member who requests them) will receive all pertinent contract and bid documents via a thumb drive. A link will also be provided on all staff reports in the event any Board member wishes to review said documents. I'd like to note that staff can be extremely busy on meeting days, and I ask that should you have questions or require additional information in connection with agenda reports, that you allow us enough lead time to properly assist you.

Status: Complete, no further follow-up required.

Issue 2: When contracts are being let that are part of a larger project, i.e. services vs. equipment, how is the Board to determine/understand/approve total project costs?

Response: Staff manages numerous projects at OCFA on a daily basis. These projects are funded within the Board's Adopted Budget. When completion of a project requires entering into a vendor contract in amounts exceeding the thresholds delegated to Authority management, then approval of that contract is submitted to the Executive Committee for approval. However, the expenditure of staff time or purchase of other goods/equipment associated with the project would not normally be quantified and disclosed in the staff report if those costs are already approved within the Adopted Budget. Management of project costs are part of staff's day-to-day operational responsibilities, and we have not considered this a policy matter for

elevation to the Board. Instead, staff will commit that all staff requests for contract approvals whereby the project may include additional associated costs that are not already funded in the budget, including extraordinary staff time, will be disclosed in future staff reports.

Status: Complete, no further follow-up required.

Issue 3: Contingency percentages seem to vary by project. Should there be standard contingency percentages and how should they be reconciled?

Response: Staff always tries to set an appropriate contingency amount based on their experience with prior projects or advice from consultants. In any case, the percentages established for contingencies, how the funds are to be utilized, and the Board approval process for use of contingencies are being clarified and documented in a new Standard Operating Procedure (SOP).

Status: The proposed SOP has been drafted, reviewed by internal staff, and sent to Director Gamble for further review and input. Pending issuance of the final SOP, staff has begun a new process of contacting the Board Chair for approval prior to use of contingency funds, followed by a report to the Executive Committee at its next meeting disclosing the use of contingency funds.

Issue 4: When contracts are being let that potentially involve the use of subcontractors, how will the subcontractor's insurance be monitored?

Response: Per the Board's direction at its October 27 meeting, and prior to seeking further Board action to reduce subcontractor insurance requirements, staff will return to the Board with additional information about current insurance practices, the potential need for additional resources, including the potential use of technology-based monitoring solutions to reduce the burdens of insurance tracking, and surveying member agencies' current practices.

Status: Staff has implemented the Board's requirements for subcontractor insurance. Prior to issuing a contract or Purchase Order (PO), staff reviews the proposal and inquires with the vendor about use of subcontractors. If subcontractors are identified, staff obtains valid insurance certificates from the general and subcontractor before issuing the contract or PO.

This item is complete. No further follow-up action will be required unless staff concludes that additional review by the Board is justified for consideration to change the insurance requirements. Lacking additional action initiated by staff, we will continue upholding the subcontractor insurance requirements.

Orange County Fire Authority
Executive Management

MEMO

DATE: November 10, 2016

TO: OCFA Board of Directors

FROM: Jeff Bowman, Fire Chief

SUBJECT: **Action Items from the October 27, 2016, Board Meeting**

Having been away on vacation during what turned out to be a fairly contentious meeting, and at the request of Director Todd Spitzer, Board Clerk Sherry Wentz and I reviewed the recordings of the Executive Committee and Board of Directors' meetings to familiarize myself with the questions and answers raised during these meetings.

As may be said about all meetings, contentious or otherwise, learning opportunities occur from which all behaviors can improve. To that end, I pulled the following items from the tape with recommendations on how we should proceed.

Issue 1: My early direction to staff was to streamline staff reports wherever possible to clarify the desired Board action and eliminate excessive use of paper. It was always out intent, however, to provide interested Board members with additional information, as requested. One Director specifically requested all attachments in future agenda packets.

Response: Director Gamble spends a great deal of time reviewing and editing staff reports, particularly those in her area of expertise, i.e. construction, contracts, etc. From this point forward, she (and any other Board member who requests them) will receive all pertinent contract and bid documents via a thumb drive. A link will also be provided on all staff reports in the event any Board member wishes to review said documents. I'd like to note that staff can be extremely busy on meeting days, and I ask that should you have questions or require additional information in connection with agenda reports, that you allow us enough lead time to properly assist you.

Issue 2: When contracts are being let that are part of a larger project, i.e. services vs. equipment, how is the Board to determine/understand/approve total project costs?

Response: Staff manages numerous projects at OCFA on a daily basis. These projects are funded within the Board's Adopted Budget. When completion of a project requires entering into a vendor contract in amounts exceeding the thresholds

delegated to Authority management, then approval of that contract is submitted to the Executive Committee for approval. However, the expenditure of staff time or purchase of other goods/equipment associated with the project would not normally be quantified and disclosed in the staff report if those costs are already approved within the Adopted Budget. Management of project costs are part of staff's day-to-day operational responsibilities, and we have not considered this a policy matter for elevation to the Board. Instead, staff will commit that all staff requests for contract approvals whereby the project may include additional associated costs that are not already funded in the budget, including extraordinary staff time, will be disclosed in future staff reports.

Issue 3: Contingency percentages seem to vary by project. Should there be standard contingency percentages and how should they be reconciled?

Response: Staff always tries to set an appropriate limit based on their experience with prior projects or on advice from consultants. In any case, the percentages how they are to be utilized, and Board approvals/final accounting will be clarified via a new Board policy currently being drafted for discussion early next year.

Issue 4: When contracts are being let that potentially involve the use of subcontractors, how will the subcontractor's insurance be monitored?

Response: Per the Board's direction at its October 27 meeting, staff is assembling information about current insurance practices, the potential need for additional resources, including the potential use of technology-based monitoring solutions to reduce the burdens of insurance tracking, and surveying member agencies' current practices. Staff will bring the item back for consideration at a future meeting.

Recommendation:

Not discussed at the Board meeting is a suggestion from staff that when items are pulled from the Consent Calendar by Board members or members of the public for discussion, the Board Chair shall request from the appropriate Committee Chair a summary of that committee's prior action on the matter.

While the above topics are actions that I and my executive staff will be taking, I also am seeking support from the Board. OCFA's continued growth can be further fostered with the Board's engagement on policy matters, while allowing the executive staff to manage the day-to-day operations of OCFA. I understand that this requires a certain level of trust from the Board, and your confidence in staff to carry out the policy directives that you have established for us. Please feel free to call me or the staff members listed in each staff report if you need more information than what we provided in the agenda materials. We can best achieve positive results when we know of your information needs in advance.

MINUTES ORANGE COUNTY FIRE AUTHORITY

**Board of Directors Regular/Special Meeting
Thursday, March 23, 2017
6:00 P.M.**

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

CALL TO ORDER

A regular/special meeting of the Orange County Fire Authority Board of Directors was called to order on March 23, 2017, at 6:30 p.m. by Chair Swift.

INVOCATION

Chaplain Robert Benoun offered the invocation.

PLEDGE OF ALLEGIANCE

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

ROLL CALL

Leah Basile, Lake Forest
Tim Brown, San Clemente
Ellery Deaton, Seal Beach
Melissa Fox, Irvine
Shelley Hasselbrink, Los Alamitos
Robert Johnson, Cypress
Al Murray, Tustin
Ed Sachs, Mission Viejo
David Shawver, Stanton
Elizabeth Swift, Buena Park

Lisa Bartlett, County of Orange
Laurie Davies, Laguna Niguel
Sergio Farias, San Juan Capistrano
Craig Green, Placentia
Noel Hatch, Laguna Woods
Joe Muller, Dana Point
Bill Nelson, Villa Park
Don Sedgwick, Laguna Hills
Michele Steggell, La Palma
Juan Villegas, Santa Ana

Absent: Carol Gamble, Rancho Santa Margarita
Gene Hernandez, Yorba Linda
Tri Ta, Westminster

Dave Harrington, Aliso Viejo
Todd Spitzer, County of Orange

Also present were:

Fire Chief Jeff Bowman
Assistant Chief Brian Young
Assistant Chief Lori Smith
General Counsel David Kendig
Clerk of the Authority Sherry Wentz

Assistant Chief Dave Thomas
Assistant Chief Lori Zeller
Assistant Chief Mike Schroeder
Assistant Chief Dave Anderson
Human Resources Director Brigitte Gibb

ADMINISTRATION OF OATH OF OFFICE FOR NEW MEMBERS (F: 11.02C)

Chair Swift introduced OCFA's newly appointed Directors Juan Villegas of Santa Ana and Ellery Deaton of Seal Beach. Clerk of the Authority Sherry Wentz administered the Oath of Office to the new Board Members.

PRESENTATIONS

1. Requests for Commendations and Proclamations

- A. Assistant Chief Dave Anderson introduced the following Santa Ana Police Officers to the Board for their heroic actions during a swift water rescue: Corporal Ricardo Velasquez, Field Training Officer Gabriel Esparza, Officer Ernesto Elizalde, and Officer Daniel Gonzales. Chair Swift and Fire Chief Bowman presented them with certificates of recognition. (F: 11.09C)
- B. Assistant Chief Dave Anderson introduced the following Santa Ana Police Officers to the Board for their heroic fire lifesaving efforts: Santa Ana Police Officers Daniel Baek and Zachary Jezulin. Chair Swift and Fire Chief Bowman presented them with certificates of recognition. (F: 11.09C)
- C. The Board recognized Directors Dwight Robinson and Vincente Sarmiento for their Board service. (F: 11.09B)
- D. Recognition of former Board Chair Gene Hernandez was postponed to the May Board of Directors meeting, due to his absence.

PUBLIC COMMENTS (F: 11.11)

Stephen Wontrobski, Mission Viejo resident, inquired to the recognition of former Director Barnett; supports a proposed unfunded liabilities study by Stanford University, and potential members' withdrawal from the Authority.

CLOSED SESSION (F: 11.15)

General Counsel David Kendig reported the Board of Directors would convene to Closed Session to consider the matters on the Agenda identified as CS1, Conference with Labor Negotiator, CS2, Conference with Labor Negotiator, CS3, Conference with Legal Counsel – Anticipated Litigation, CS4, Public Employee Performance Evaluation, CS5, Conference with Legal Counsel – Existing Litigation, and CS6, Conference with Legal Counsel – Anticipated Litigation.

Chair Swift recessed the meeting to Closed Session at 7:05 p.m.

Minutes

OCFA Board of Directors Regular/Special Meeting

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CS1. CONFERENCE WITH LABOR NEGOTIATOR

Agency Designated Representative: Peter Brown, Liebert Cassidy Whitmore
Employee Organizations: Orange County Professional Firefighters Association,
Local 3631

Authority: Government Code Section 54957.6

CS2. CONFERENCE WITH LABOR NEGOTIATOR

Agency Designated Representative: Brigitte Gibb, Human Resources Director
Employee Organizations: Chief Officers Association
Authority: Government Code Section 54957.6

CS3. CONFERENCE WITH LEGAL COUNSEL–ANTICIPATED LITIGATION

Authority: Government Code Section 54956.9(d)(2) – Significant Exposure to
Litigation (4 cases)

CS4. PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Position: General Counsel
Authority: Government Code Section 54957(b)(1)

CS5. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION Pursuant
to Government Code Section 54956.9(d)(1) - Orange County Fire Authority and the
City of Irvine v. All Persons Interested [In second Amendment to Amended Joint
Powers Authority Agreement], Fourth Appellate District, Division Three, Appellate
Case No. G050687.

CS6. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION

Pursuant to Government Code Section 54956.9(d)(2) – Exposure to potential litigation
in connection with member agency financial equity disputes and pension liabilities.

Chair Swift reconvened the meeting from Closed Session at 8:12 p.m.

CLOSED SESSION REPORT (F: 11.15)

General Counsel David Kendig stated there was no reportable action and that the Board will
reconvene to continue Closed Session at the end of the Board of Directors meeting.

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

Budget and Finance Committee Chair Ed Sachs reported at the March 8, 2017, meeting, the
Committee voted unanimously to send the FY 2016/17 Mid-Year Budget Adjustment to the
Executive Committee for its approval; and the Financial Stability Budget Policy, the Overtime &
Total Compensation Analysis, and the Aircraft Rescue Fire Fighting to the Board of Directors for
its approval. The Committee approved the selection of Vavrinek, Trine, Day & Co. for audit
services.

Minutes

OCFA Board of Directors Regular/Special Meeting

March 23, 2017 Page - 3

REPORT FROM THE CLAIMS SETTLEMENT COMMITTEE CHAIR (F: 11.12)

Claims Settlement Committee Chair Elizabeth Swift stated the Committee received a presentation on Workers' Compensation Basics and Facts. There were no claims for the Committee's consideration.

REPORT FROM THE FIRE CHIEF (F: 11.14)

Fire Chief Jeff Bowman recognized retiring Assistant Chief Dave Thomas and introduced newly promoted Assistant Chief Dave Anderson. Chief Bowman introduced Assistant Chief Schroeder who presented a brief PowerPoint update on the Emergency Command Center Dispatch Stats. Chief Bowman introduced Assistant Chief Young who addressed the Emergency Medical Service Deployment demonstration noting a video presentation was being prepared for presentation with live demonstrations occurring during the summer/fall.

2. MINUTES

A. Minutes from the January 26, 2017, Special Board of Directors Meeting (F: 11.06)

Stephen Wontrobski, Mission Viejo resident, pointed out that on Page 7 of the Minutes the vote for Board Vice Chair inadvertently identifies Director Fox representing Lake Forest, when it should be Irvine.

On motion of Director Davies and second by Director Johnson, the Board of Directors voted by those present to approve the Minutes of the January 26, 2017, Special Board of Directors Meeting as amended. Director Deaton was recorded as an abstention due to her absence from the meeting.

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

A. Approval of Drowning Prevention Awareness Proclamation (F: 11.09A)

On motion of Director Murray and second by Director Johnson, the Board of Directors voted unanimously by those present to approve the proclamation as submitted.

B. FY 2016/17 Mid-Year Budget Adjustment (F: 15.04 16/17)

On motion of Director Murray and second by Director Johnson, the Board of Directors voted unanimously by those present to authorize the proposed mid-year budget adjustments and transfers.

C. 2017 Update – Financial Stability Budget Policy (F: 11.10B)

On motion of Director Murray and second by Director Johnson, the Board of Directors voted unanimously by those present to adopt the updated *Financial Stability Budget Policy*.

D. Board Member Retirement Savings Plan Resolution (F: 17.05A)

On motion of Director Murray and second by Director Johnson, the Board of Directors voted unanimously by those present to allow OCFA Board Members to enroll in 457 Omnibus Budget Reconciliation Act mandatory retirement savings plan and approve Resolution No 2017-01 entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS ESTABLISHING A DEFERRED COMPENSATION PLAN FOR ELIGIBLE PART-TIME EMPLOYEES.

E. Reserve Firefighter Program Status Update (F: 17.11A3)

Stephen Wontrobski, Mission Viejo resident, pulled this item to address using reserve firefighters for backfill.

On motion of Director Murray and second by Director Sedgewick, the Board of Directors voted unanimously by those present to receive and file the report.

F. Conduct Analysis of Field Operations: Aircraft Rescue Fire Fighting Operations (F: 18.09)

On motion of Director Murray and second by Director Johnson, the Board of Directors voted unanimously by those present to establish a 2.5% specialty compensation for Aircraft Rescue Fire Fighting trained personnel who are certified Mobile Crane Operators.

G. Secured Fire Protection Agreements for Oakcrest Heights and Trevana I (F: 18.14)

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

1. Approve and authorize the Fire Chief or his designee to execute Secured Fire Protection Agreements with Savi Ranch II Housing Partners, L.P., as related to Oakcrest Heights, Yorba Linda and Meritage Homes of California, Inc., as related to Trevana I, Irvine.
2. Direct the Clerk of the Authority to record these Secured Fire Protection Agreements in the Official Records of the County of Orange, and furnish the developer a copy of the conformed documents within fifteen days of recordation.
3. Approve Resolution No. 2017-02 entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS AMENDING THE ROLES/RESPONSIBILITIES/AUTHORITIES MATRIX TO DEFINE APPROVAL AUTHORITY FOR SECURED FIRE PROTECTION AGREEMENTS.

4. PUBLIC HEARING(S)

No items.

5. DISCUSSION CALENDAR

A. Fiscal Year 2015/16 Backfill/Overtime and Calendar Year 2016 Total Earnings/Compensation Analysis (F: 15.11)

Finance Manager/Auditor Jim Ruane presented a PowerPoint presentation of the Fiscal Year 2015/16 Backfill/Overtime and Calendar Year 2016 Total Earnings/Compensation Analysis.

Stephen Wontrobski, Mission Viejo resident, suggested the use of reserve firefighters for backfilling positions to reduce overtime.

A brief discussion ensued.

On motion of Vice Chair Sachs and second by Director Hatch, the Board of Directors voted unanimously by those present to:

1. Direct staff to continue pursuing reductions in overtime by filling permanent vacancies (excluding vacancies required by MOU) as quickly as possible after the positions become vacant.
2. Direct staff to continue using overtime to fill temporary vacancies rather than hiring additional personnel, recognizing this as a cost-effective practice for temporary needs.

B. Discussion of Member Agency Financial Equity Issues and Potential Liability of Member Agencies Upon Withdrawal From OCFA or Upon Expiration of OCFA's Joint Powers Agreement and Requests Made by City of Irvine and County of Orange for OCFA to Engage in Discussions and Negotiations regarding Financial Equity Issues; Potential Formation of an Equity Ad Hoc Committee (F: 11.17A) (F: 12.03E4)

Assistant Chief Lori Zeller presented the staff report.

Stephen Wontrobski, Mission Viejo resident, addressed the Equity Ad Hoc Committee meetings, overcharging member cities, and county restructuring distribution of funds.

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

1. Reaffirm Board's prior May 26, 2016, direction rescinding the formation of a 2016 Equity Ad Hoc Committee, noting it is at the discretion of the two agencies, County of Orange and City of Irvine, to deliberate the issue of equity and, when appropriate, present proposed options to the Board of Directors.
2. Reaffirm Board's prior September 22, 2016, direction to forward the topics relating to member agency obligation for pension liabilities to the Pension Ad Hoc Committee.
3. Receive oral status report from the Pension Ad Hoc Committee Chair.

BOARD MEMBER COMMENTS (F: 11.13)

Director Murray noted the Orange County Task Force on Drowning Prevention had a recent meeting where Supervisor Todd Spitzer committed funding. He requested the OCFA Board consider matching its donation from last year.

Fire Chief Bowman noted both the LA Angels Baseball and the Anaheim Ducks Ice Hockey teams had committed to run public service announcements on drowning prevention.

Vice Chair Sachs reported attending the OCFA Academy No. 43 graduation ceremonies.

CONTINUED CLOSED SESSION (F: 11.15)

General Counsel David Kendig reported the Board of Directors would reconvene to continue Closed Session to consider the matters on the Agenda identified as CS3, Conference with Legal Counsel – Anticipated Litigation, CS4, Public Employee Performance Evaluation, CS5, Conference with Legal Counsel – Existing Litigation, and CS6, Conference with Legal Counsel – Anticipated Litigation.

Chair Swift recessed the meeting to continue Closed Session at 9:26 p.m.

Chair Swift reconvened the meeting from Closed Session at 9:57 p.m.

CLOSED SESSION REPORT (F: 11.15)

General Counsel David Kendig stated there was no reportable action.

ADJOURNMENT – Chair Swift adjourned the meeting at 9:58 p.m. The next regular meeting of the Orange County Fire Authority Board of Directors is scheduled for Thursday, May 25, 2017, at 6:00 p.m.

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

MINUTES ORANGE COUNTY FIRE AUTHORITY

**Board of Directors Special Meeting
Thursday, April 27, 2017
6:00 P.M.**

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

CALL TO ORDER

A special meeting of the Orange County Fire Authority Board of Directors was called to order on April 27, 2017, at 6:16 p.m. by Chair Swift.

INVOCATION

Chaplain Jeff Hetschel offered the invocation.

PLEDGE OF ALLEGIANCE

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

ROLL CALL

Lisa Bartlett, County of Orange
Laurie Davies, Laguna Niguel
Sergio Farias, San Juan Capistrano
Carol Gamble, Rancho Santa Margarita
Dave Harrington, Aliso Viejo
Robert Johnson, Cypress
Al Murray, Tustin
Don Sedgwick, Laguna Hills
Michele Steggell, La Palma
Tri Ta, Westminster

Tim Brown, San Clemente
Ellery Deaton, Seal Beach
Melissa Fox, Irvine
Craig Green, Placentia
Gene Hernandez, Yorba Linda
Joe Muller, Dana Point
Ed Sachs, Mission Viejo
Todd Spitzer, County of Orange
Elizabeth Swift, Buena Park
Juan Villegas, Santa Ana

Absent: Leah Basile, Lake Forest
Noel Hatch, Laguna Woods
Dave Shawver, Stanton

Shelley Hasselbrink, Los Alamitos
Bill Nelson, Villa Park

Also present were:

Fire Chief Jeff Bowman
Assistant Chief Brian Young
General Counsel David Kendig
Assistant Chief Lori Smith

Assistant Chief Dave Thomas
Assistant Chief Lori Zeller
Assistant Chief Dave Anderson
Clerk of the Authority Sherry Wentz

PRESENTATIONS

No items.

Chair Swift recessed the Board of Directors meeting at 6:20 p.m. to the fleet services parking area for a public briefing and tour of the OCFA helicopter.

Chair Swift reconvened the meeting at 6:25 p.m. at the helicopter site.

Battalion Chief/Air Operations Program Manager Craig Covey provided an overview Air Operations Program and the OCFA helicopter.

Chair Swift recessed the Board of Directors at 6:50 p.m. to return to the Board Room.

Chair Swift reconvened the meeting at 6:55 p.m.

PUBLIC COMMENTS (F: 11.11)

Stephen Wontrobski, Mission Viejo resident, spoke in opposition to Closed Session agenda item CS1, Conference with Labor Negotiator.

CLOSED SESSION (F: 11.15)

General Counsel David Kendig reported the Board of Directors would convene to Closed Session to consider the matter on the Agenda identified as CS1, Conference with Labor Negotiator.

Chair Swift adjourned the meeting to Closed Session at 7:03 p.m.

CS1. CONFERENCE WITH LABOR NEGOTIATOR

Agency Designated Representative: Peter Brown, Liebert Cassidy Whitmore
Employee Organizations: Orange County Professional Firefighters Association,
Local 3631
Authority: Government Code Section 54957.6

Chair Swift reconvened the meeting at 7:10 p.m.

CLOSED SESSION REPORT (F: 11.15)

General Counsel David Kendig stated there was no reportable action.

REPORT FROM THE HUMAN RESOURCES COMMITTEE CHAIR (F: 11.12)

Vice Chair of the Human Resources Committee Al Murray reported at its April 4, 2017, meeting the Committee received the Workers' Compensation Basics and Facts presentation, voted unanimously to receive and file the 2016 Annual Anonymous Hotline Report, and the Quarterly Human Resources Accomplishment/Project Update. Human Resources Director Brigette Gibb provided updates on Academy 44, recruitments, Professional Standards Unit, the Lexipol project, and introduced the newly appointed Human Resources Manager Tamaryn Boston. He reported that the Committee held its annual election for Chair and Vice Chair. He announced that Director Hatch was elected as the new Chair, and that he was elected as the new Vice Chair.

REPORT FROM THE BUDGET AND FINANCE COMMITTEE CHAIR

No report, as the Committee did not meet this month.

REPORT FROM THE CLAIMS SETTLEMENT COMMITTEE CHAIR (F: 11.12)

Claims Settlement Committee Chair Swift reported the Committee considered Workers' Compensation claims for claimants John Belles and Benito Gonzales; there were no reportable actions.

REPORT FROM THE FIRE CHIEF (F: 11.14)

Fire Chief Jeff Bowman introduced Assistant Chief Dave Anderson who reported on the Capital Improvement Program Update 3rd Quarter – FY 2016/17 and the Urban Search and Rescue Task Force Contingency Fund. Chief Bowman reported on his attendance at the California Task Force on Climate Impacts meeting related to wildfires. He concluded his comments with a presentation with Chair Swift to retiring Assistant Chief Dave Thomas.

2. MINUTES

No items.

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

A. Renewal of Health Plan Agreement (F: 17.04B1)

On motion of Director Murray and second by Director Johnson, the Board of Directors voted unanimously by those present to approve the proposed Health Plan Agreement between the Orange County Fire Authority and the Orange County Professional Firefighters Association for a term of January 1, 2017, to December 31, 2021.

B. Award of RFP DC2177 Special Counsel Legal Services (F: 12.0301)

Stephen Wontrobski, Mission Viejo resident, pulled this item to address unfunded liability.

Chair Swift presented an oral report on the progress of the Pension Reform Ad Hoc Committee, which met April 19, 2017.

On motion of Director Hernandez and second by Director Murray, the Board of Directors voted unanimously by those present to:

1. Approve the request from Meyers Nave Riback Silver & Wilson for Consent to Concurrent Representation with the County of Orange for an unrelated matter.
2. Approve the Professional Services Agreement with Meyers Nave Riback Silver & Wilson to advise the OCFA about specified issues related to pension liability, in an amount of \$100,000.
3. Approve a budget adjustment in the General Fund (Fund 121) increasing appropriations in the amount of \$100,000.
4. Agree to Meyers Nave's proposal to include an arbitration provision in the Professional Services Agreement.

END OF CONSENT CALENDAR

4. PUBLIC HEARING(S)

No items.

5. DISCUSSION CALENDAR

No items.

BOARD MEMBER COMMENTS (F: 11.13)

Director Melissa Fox presented a donation to Fire Chief Bowman in the amount of \$100,000 from the Irvine based Maruchan Corporation.

Director Murray thanked the Association of California Cities, Orange County (ACCOC), Director Spitzer, and Battalion Chief Brian Norton for their participation in the ACCOC's Shot Hole Borer Forum held March 8. He thanked Division Chief Randy Black for his service to Tustin.

Director Hernandez thanked Division Chief Randy Black for his service to Yorba Linda.

Director Green thanked Division Chief Randy Black for his service to Placentia.

Director Spitzer commented on the beetle infestation of trees. He noted drowning season is approaching and encouraged member cities to donate funds to help promote prevention efforts through the Orange County Drowning Prevention Task Force.

Fire Chief Bowman invited the Board to attend Assistant Chief Dave Thomas' retirement lunch at Fire Station 75 on May 11, 2017.

Chair Swift invited the Directors to attend Fire Station 61's the groundbreaking ceremony on May 2, and reported on her attendance at the full-scale mass-exercise drill at John Wayne Airport.

ADJOURNMENT – Chair Swift adjourned the meeting at 8:05 p.m. The next regular meeting of the Orange County Fire Authority Board of Directors is scheduled for Thursday, May 25, 2017, at 6:00 p.m.

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



Orange County Fire Authority **AGENDA STAFF REPORT**

Board of Directors Meeting
May 25, 2017

Agenda Item No. 3A
Consent Calendar

Updated Cost Reimbursement Rates

Contact(s) for Further Information

Lori Zeller, Assistant Chief
Business Services Department

lorizeller@ocfa.org

714.573.6020

Jim Ruane, Finance Manager/Auditor

jimruane@ocfa.org

714.573.6304

Summary

This agenda item is submitted to review and approve the proposed update to the Cost Reimbursement rates.

Prior Board/Committee Action

Budget and Finance Committee Recommendation: *APPROVE*

At its regular May 10, 2017, meeting, the Budget and Finance Committee reviewed and unanimously recommended approval of this item.

RECOMMENDED ACTION(S)

Approve and adopt the proposed Cost Reimbursement Rate schedules to be effective July 1, 2017.

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 to use when developing cost reimbursement rates. These rates will be used when OCFA resources are ordered by various Federal (Cleveland National 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 2017/18 is 13.80%, increasing from the current rate of 13.49%. This change is attributable to increases in salaries and employee benefits and increases in the indirect cost of supporting the Computer Aided Dispatch (CAD) system. The average increase in the proposed suppression Personnel Cost Reimbursement Rates is 0.6%. A majority of the rate increases for each position is a result of the

indirect cost rate increasing from 13.49% to 13.80%. The rates for extra help positions (temporary surge positions that do not earn benefits) to backfill Emergency Transportation Technicians were excluded from this year's calculation. As a result, the Emergency Transportation Technician hourly rate increased by 11.13%. The full list of proposed reimbursement rates by position (including the indirect cost rate) is listed on Attachment 1A.

Equipment rates are not calculated by OCFA, but instead, OCFA uses the Federal Emergency Management Agency (FEMA) approved rates (with the exception of the helicopter rates). The equipment reimbursement rates (Attachment 2) remain unchanged from last year. The helicopter rates were calculated using the four year average on operating costs. The Bell Super Huey helicopter (acquired as federal excess property and placed in service in 1996) decreased by 19% as average flight hours increased while operating costs such as insurance, fuel, and depreciation (due to the age of the helicopter) were lower. The same factors, with the exception of the depreciation, also contributed to the hourly rate decrease of 8% for the Bell 412 helicopter.

Cal OES Reimbursement Rates

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

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 activities or programs:

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

Attachment(s)

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

ORANGE COUNTY FIRE AUTHORITY
COST REIMBURSEMENT RATES FOR ALL BILLING AGENCIES (EXCEPT CAL OES)
PERSONNEL
EFFECTIVE JULY 1, 2017

CLASSIFICATION	2016/17 ADOPTED RATES 10/28/16	2017/18 PROPOSED RATE with ICRP	\$ CHANGE	% CHANGE
SUPPRESSION PERSONNEL				
FIRE DIVISION CHIEF	\$152.91	\$157.30	\$4.39	2.87%
FIRE BATTALION CHIEF (SHIFT)	\$95.70	\$96.73	\$1.03	1.07%
FIRE BATTALION CHIEF (STAFF)	\$136.07	\$136.37	\$0.30	0.22%
FIRE CAPTAIN (FC)	\$72.69	\$72.20	(\$0.49)	-0.67%
FC/HAZMAT	\$78.57	\$78.09	(\$0.48)	-0.61%
FC/HAZMAT PARAMEDIC	\$86.40	\$85.94	(\$0.46)	-0.53%
FC/HAZMAT SPECIALIST	\$80.53	\$80.05	(\$0.48)	-0.59%
FC/PARAMEDIC	\$84.44	\$83.98	(\$0.46)	-0.54%
FC/TECH RESCUE TRUCK	\$78.57	\$78.09	(\$0.48)	-0.61%
FIRE APPARATUS ENGINEER (FAE)	\$62.42	\$62.68	\$0.26	0.42%
FAE/HAZMAT	\$68.29	\$68.57	\$0.28	0.41%
FAE/HAZMAT PARAMEDIC	\$76.13	\$76.42	\$0.29	0.38%
FAE/HAZMAT SPECIALIST	\$70.25	\$70.53	\$0.28	0.40%
FAE/PARAMEDIC	\$74.17	\$74.46	\$0.29	0.39%
FAE/TECH RESCUE TRUCK	\$68.29	\$68.57	\$0.28	0.41%
FIREFIGHTER (FF)	\$52.95	\$53.88	\$0.93	1.76%
FF/HAZMAT	\$58.83	\$59.77	\$0.94	1.60%
FF/HAZMAT PARAMEDIC	\$66.66	\$67.62	\$0.96	1.45%
FF/HAZMAT SPECIALIST	\$60.79	\$61.74	\$0.95	1.55%
FF/PARAMEDIC	\$64.70	\$65.66	\$0.96	1.49%
FF/TECH RESCUE TRUCK	\$58.83	\$59.77	\$0.94	1.60%
HAND CREW (FIREFIGHTER)	\$36.84	\$37.45	\$0.61	1.67%
HAND CREW SUPERVISOR (FIRE CAPTAIN)	\$71.56	\$73.65	\$2.09	2.92%
HAND CREW SUPERVISOR (FIRE APP. ENGINEER)	\$62.77	\$62.90	\$0.13	0.21%
HAND CREW SUPERVISOR (FIREFIGHTER)	\$55.97	\$56.09	\$0.12	0.21%
HEAVY FIRE EQUIPMENT OPERATOR	\$96.11	\$97.71	\$1.60	1.66%
FIRE PILOT	\$73.49	\$73.65	\$0.16	0.21%
LEAD FIRE PILOT	\$84.50	\$81.70	(\$2.80)	-3.31%
NON-SUPPRESSION PERSONNEL				
ACCOUNTANT	\$71.64	\$72.65	\$1.01	1.42%
ASST. IT MANAGER	\$82.13	\$83.92	\$1.79	2.18%
ASST. FIRE APPARATUS TECHNICIAN	\$56.51	\$56.62	\$0.11	0.19%
ASST. FIRE MARSHAL	\$94.01	\$94.23	\$0.22	0.24%
ASST. PURCHASING AGENT	\$73.29	\$75.59	\$2.30	3.14%
BUYER	\$52.98	\$53.10	\$0.12	0.23%
COMMUNICATIONS TECHNICIAN	\$54.47	\$56.02	\$1.55	2.84%
EMERGENCY TRANSPORTATION TECH.	\$24.31	\$27.02	\$2.71	11.13%
FINANCE MANAGER	\$95.51	\$97.61	\$2.10	2.20%
FIRE APPARATUS TECHNICIAN	\$62.64	\$62.76	\$0.12	0.20%
FIRE COMM RELAT/ED SPECIALIST	\$62.76	\$59.56	(\$3.20)	-5.10%
FIRE COMM RELAT/ED SUPERVISOR	\$0.00	\$67.02	n/a	n/a
FIRE COMMUNICATIONS DISPATCHER	\$62.67	\$63.73	\$1.06	1.69%
FIRE COMMUNICATIONS SUPERVISOR	\$72.31	\$71.35	(\$0.96)	-1.33%
FIRE EQUIPMENT TECHNICIAN	\$36.73	\$36.90	\$0.17	0.46%
FIRE HELICOPTER TECHNICIAN	\$77.55	\$77.70	\$0.15	0.19%
FIRE PREVENTION ANALYST	\$92.12	\$89.37	(\$2.75)	-2.99%
FIRE PREVENTION SPECIALIST	\$63.83	\$65.43	\$1.60	2.50%
FLEET SERVICES COORDINATOR	\$76.21	\$76.39	\$0.18	0.24%
FLEET SERVICES SUPERVISOR	\$79.01	\$79.17	\$0.16	0.20%
GENERAL LABORER	\$32.73	\$33.00	\$0.27	0.82%
GIS ANALYST	\$79.78	\$79.97	\$0.19	0.24%

ORANGE COUNTY FIRE AUTHORITY
COST REIMBURSEMENT RATES FOR ALL BILLING AGENCIES (EXCEPT CAL OES)
PERSONNEL
EFFECTIVE JULY 1, 2017

CLASSIFICATION	2016/17 ADOPTED RATES 10/28/16	2017/18 PROPOSED RATE with ICRP	\$ CHANGE	% CHANGE
SUPPRESSION PERSONNEL				
INFORMATION TECHNOLOGY ANALYST	\$91.49	\$90.67	(\$0.82)	-0.90%
INFORMATION TECHNOLOGY SUPERVISOR	\$117.46	\$117.74	\$0.28	0.24%
MEDICAL DIRECTOR	\$89.64	\$91.60	\$1.96	2.19%
PURCHASING MANAGER	\$89.64	\$91.60	\$1.96	2.19%
RESERVE FIREFIGHTER	\$1.94	\$1.90	(\$0.04)	-2.05%
SERVICE CENTER LEAD	\$70.27	\$70.44	\$0.17	0.24%
SERVICE CENTER SUPERVISOR	\$83.82	\$83.98	\$0.16	0.19%
SR. ACCOUNTANT	\$68.16	\$69.66	\$1.50	2.19%
SR. COMMUNICATIONS TECHNICIAN	\$69.98	\$70.15	\$0.17	0.24%
SR. FIRE APPARATUS TECHNICIAN	\$62.83	\$63.12	\$0.29	0.47%
SR. FIRE COMMUNICATIONS SUPV.	\$80.53	\$80.72	\$0.19	0.24%
SR. FIRE EQUIPMENT TECHNICIAN	\$56.94	\$54.35	(\$2.59)	-4.55%
SR. FIRE HELICOPTER TECHNICIAN	\$84.33	\$84.49	\$0.16	0.20%
SR. FIRE PREVENTION SPECIALIST	\$84.89	\$85.09	\$0.20	0.23%
SR. INFO TECHNOLOGY ANALYST	\$101.36	\$97.25	(\$4.11)	-4.05%
WILDLAND FIRE DEFENSE PLANNER	\$82.48	\$82.67	\$0.19	0.24%
MUTUALLY BENEFICIAL RATES:				
HAND CREW (FIREFIGHTER)	\$19.93	\$20.22	\$0.29	1.46%
HAND CREW SUPERVISOR (STAFF FIRE CAPTAIN)	\$38.72	\$39.76	\$1.04	2.69%
HAND CREW SUPERVISOR (STAFF FIRE APP. ENGINEER)	\$33.96	\$33.96	\$0.00	0.00%
HAND CREW SUPERVISOR (STAFF FIREFIGHTER)	\$30.28	\$30.28	\$0.00	0.00%
HEAVY FIRE EQUIPMENT OPERATOR	\$52.00	\$52.75	\$0.75	1.44%
SWAMPER/HAND CREW FF	\$19.93	\$20.22	\$0.29	1.46%

ORANGE COUNTY FIRE AUTHORITY
COST REIMBURSEMENT RATES FOR CAL OES BILLINGS ONLY
PERSONNEL
EFFECTIVE JULY 1, 2017

CLASSIFICATION	2016/17 ADOPTED RATE 10/28/16					2017/18 PROPOSED RATE	\$ CHANGE	% CHANGE
SUPPRESSION POSITIONS								
FIRE DIVISION CHIEF	\$152.91					\$157.30	\$4.39	2.87%
FIRE BATTALION CHIEF	\$115.89					\$116.55	\$0.66	0.57%
FIRE CAPTAIN	\$79.66					\$79.76	\$0.10	0.13%
FIRE APPARATUS ENGINEER	\$66.98					\$66.94	(\$0.04)	-0.06%
FIREFIGHTER	\$59.68					\$60.81	\$1.13	1.90%
HAND CREW (FIREFIGHTER)	\$36.84					\$37.45	\$0.61	1.67%
HAND CREW SUPERVISOR (FIRE CAPTAIN)	\$71.56					\$73.65	\$2.09	2.92%
HAND CREW SUPERVISOR (FIRE APP. ENGINEER)	\$62.77					\$62.90	\$0.13	0.21%
HAND CREW SUPERVISOR (FIREFIGHTER)	\$55.97					\$56.09	\$0.12	0.21%
HEAVY FIRE EQUIPMENT OPERATOR	\$96.11					\$97.71	\$1.60	1.66%
FIRE PILOT	\$73.49					\$73.65	\$0.16	0.21%
LEAD FIRE PILOT	\$84.50					\$81.70	(\$2.80)	-3.31%
NON-SUPPRESSION POSITIONS								
CLASSIFICATION	2016/17 ADOPTED REGULAR RATE 10/28/16	2017/18 PROPOSED REGULAR RATE	\$ CHANGE	% CHANGE	2016/17 ADOPTED OT RATE 10/28/16	2017/18 PROPOSED OT RATE	\$ CHANGE	% CHANGE
ACCOUNTANT	\$70.39	\$71.01	\$0.62	0.88%	\$71.64	\$72.65	\$1.01	1.42%
ASST. IT MANAGER	\$125.18	\$127.47	\$2.29	1.83%	\$82.13	\$83.92	\$1.79	2.18%
ASST. FIRE APPARATUS TECHNICIAN	\$57.33	\$57.33	(\$0.00)	-0.01%	\$56.51	\$56.62	\$0.11	0.19%
ASST. PURCHASING AGENT	\$71.85	\$73.59	\$1.74	2.42%	\$73.29	\$75.59	\$2.30	3.14%
ASST. FIRE MARSHAL	\$90.29	\$90.02	(\$0.27)	-0.30%	\$94.01	\$94.23	\$0.22	0.24%
BUYER	\$53.77	\$53.78	\$0.01	0.01%	\$52.98	\$53.10	\$0.12	0.23%
COMMUNICATIONS TECHNICIAN	\$55.10	\$56.35	\$1.25	2.27%	\$54.47	\$56.02	\$1.55	2.84%
EMERGENCY TRANSPORTATION TECH.	\$28.24	\$30.80	\$2.56	9.08%	\$24.31	\$27.02	\$2.71	11.13%
FINANCE MANAGER	\$143.05	\$145.62	\$2.57	1.80%	\$95.51	\$97.61	\$2.10	2.20%
FIRE APPARATUS TECHNICIAN	\$62.79	\$62.74	(\$0.05)	-0.08%	\$62.64	\$62.76	\$0.12	0.20%
FIRE COMM RELAT/ED SPECIALIST	\$62.47	\$59.47	(\$3.00)	-4.81%	\$62.76	\$59.56	(\$3.20)	-5.10%
FIRE COMM RELAT/ED SUPERVISOR	\$0.00	\$66.05	n/a	n/a	\$0.00	\$67.02	n/a	n/a
FIRE COMMUNICATIONS DISPATCHER	\$62.40	\$63.15	\$0.75	1.20%	\$62.67	\$63.73	\$1.06	1.69%
FIRE COMMUNICATIONS SUPV.	\$70.97	\$69.86	(\$1.11)	-1.57%	\$72.31	\$71.35	(\$0.96)	-1.33%
FIRE EQUIPMENT TECHNICIAN	\$39.73	\$39.96	\$0.23	0.57%	\$36.73	\$36.90	\$0.17	0.46%
FIRE HELICOPTER TECHNICIAN	\$76.06	\$75.90	(\$0.16)	-0.22%	\$77.55	\$77.70	\$0.15	0.19%
FIRE PREVENTION ANALYST	\$88.61	\$85.73	(\$2.88)	-3.25%	\$92.12	\$89.37	(\$2.75)	-2.99%
FIRE PREVENTION SPECIALIST	\$63.43	\$64.64	\$1.21	1.91%	\$63.83	\$65.43	\$1.60	2.50%
FLEET SERVICES COORDINATOR	\$74.46	\$74.30	(\$0.16)	-0.21%	\$76.21	\$76.39	\$0.18	0.24%
FLEET SERVICES SUPERVISOR	\$77.37	\$77.18	(\$0.19)	-0.24%	\$79.01	\$79.17	\$0.16	0.20%
GENERAL LABORER	\$36.16	\$36.52	\$0.36	0.99%	\$32.73	\$33.00	\$0.27	0.82%
GIS ANALYST	\$77.63	\$77.45	(\$0.18)	-0.23%	\$79.78	\$79.97	\$0.19	0.24%
INFORMATION TECHNOLOGY ANALYST	\$88.06	\$86.88	(\$1.18)	-1.34%	\$91.49	\$90.67	(\$0.82)	-0.90%
INFORMATION TECHNOLOGY SUPERVISOR	\$111.18	\$110.73	(\$0.45)	-0.41%	\$117.46	\$117.74	\$0.28	0.24%
MEDICAL DIRECTOR	\$135.20	\$137.65	\$2.45	1.81%	\$89.64	\$91.60	\$1.96	2.19%
PURCHASING MANAGER	\$135.20	\$137.65	\$2.45	1.81%	\$89.64	\$91.60	\$1.96	2.19%
RESERVE FIREFIGHTER	\$2.70	\$2.81	\$0.11	4.06%	\$1.94	\$1.90	(\$0.04)	-2.05%
SERVICE CENTER LEAD	\$69.15	\$69.06	(\$0.09)	-0.13%	\$70.27	\$70.44	\$0.17	0.24%
SERVICE CENTER SUPERVISOR	\$81.64	\$81.42	(\$0.22)	-0.26%	\$83.82	\$83.98	\$0.16	0.19%
SR. ACCOUNTANT	\$106.54	\$108.54	\$2.00	1.88%	\$68.16	\$69.66	\$1.50	2.19%
SR. COMMUNICATIONS TECHNICIAN	\$68.91	\$68.80	(\$0.11)	-0.16%	\$69.98	\$70.15	\$0.17	0.24%
SR. FIRE APPARATUS TECHNICIAN	\$62.96	\$63.05	\$0.09	0.15%	\$62.83	\$63.12	\$0.29	0.47%
SR. FIRE COMMUNICATIONS SUPV.	\$78.30	\$78.11	(\$0.19)	-0.24%	\$80.53	\$80.72	\$0.19	0.24%
SR. FIRE EQUIPMENT TECHNICIAN	\$57.71	\$55.32	(\$2.39)	-4.13%	\$56.94	\$54.35	(\$2.59)	-4.55%
SR. FIRE HELICOPTER TECHNICIAN	\$82.10	\$81.89	(\$0.21)	-0.26%	\$84.33	\$84.49	\$0.16	0.20%
SR. FIRE PREVENTION SPECIALIST	\$82.17	\$81.96	(\$0.21)	-0.26%	\$84.89	\$85.09	\$0.20	0.23%
SR. INFO TECHNOLOGY ANALYST	\$96.85	\$92.68	(\$4.17)	-4.31%	\$101.36	\$97.25	(\$4.11)	-4.05%
WILDLAND FIRE DEFENSE PLANNER	\$80.03	\$79.84	(\$0.19)	-0.24%	\$82.48	\$82.67	\$0.19	0.24%

Notes:

1 Adjustment to management positions to reflect overtime as straight time rather than 1.5 x hourly rate.

2 Paramedic (\$6.365/hr), HazMat (\$3.18/hr), HazMat Paramedic (\$7.42/hr), HazSpecialist (\$4.24/hr) and Tech Rescue Truck (\$3.18/hr) specialty pays are now included in the FC, FAE and FF average rates per Cal OES approved methodology.

ORANGE COUNTY FIRE AUTHORITY
COST REIMBURSEMENT RATES
EQUIPMENT
EFFECTIVE JULY 1, 2017

DESCRIPTION	2016/17 RATE	2017/18 RATE	\$ CHANGE	% CHANGE	SOURCE	Hourly / Daily
TYPE 1 ENGINE	\$91.00	\$91.00	\$0.00	0.00%	FEMA	Hourly
TYPE 2 ENGINE	\$80.00	\$80.00	\$0.00	0.00%	FEMA	Hourly
TYPE 3 ENGINE	\$80.00	\$80.00	\$0.00	0.00%	FEMA	Hourly
TRUCK/QUINT	\$91.00	\$91.00	\$0.00	0.00%	FEMA	Hourly
AIR/LIGHT UTILITY	\$29.00	\$29.00	\$0.00	0.00%	FEMA	Hourly
AIRPORT CRASH UNIT	\$91.00	\$91.00	\$0.00	0.00%	FEMA	Hourly
CHIPPER	\$25.00	\$25.00	\$0.00	0.00%	FEMA	Hourly
COMPACT TRACK LOADER	\$26.50	\$26.50	\$0.00	0.00%	FEMA	Hourly
CREW CARRYING VEHICLE	\$21.75	\$21.75	\$0.00	0.00%	FEMA	Hourly
DOZER TRANSPORT	\$73.25	\$73.25	\$0.00	0.00%	FEMA	Hourly
DOZER	\$72.50	\$72.50	\$0.00	0.00%	FEMA	Hourly
DOZER TRAILER	\$14.00	\$14.00	\$0.00	0.00%	FEMA	Hourly
DOZER TENDER	\$26.00	\$26.00	\$0.00	0.00%	FEMA	Hourly
DUMP TRUCK	\$77.25	\$77.25	\$0.00	0.00%	FEMA	Hourly
FIRE COMMAND UNIT	\$21.75	\$21.75	\$0.00	0.00%	FEMA	Hourly
FUEL TENDER	\$36.75	\$36.75	\$0.00	0.00%	FEMA	Hourly
GRADER	\$54.50	\$54.50	\$0.00	0.00%	FEMA	Hourly
LOADER	\$44.00	\$44.00	\$0.00	0.00%	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	\$80.00	\$0.00	0.00%	FEMA	Hourly
PICKUP (less than 3/4 ton)	\$86.00	\$86.00	\$0.00	0.00%	Cal OES	Daily
SEDAN	\$47.00	\$47.00	\$0.00	0.00%	Cal OES	Daily
SPORT UTILITY VEHICLE	\$96.00	\$96.00	\$0.00	0.00%	Cal OES	Daily
VAN	\$109.00	\$109.00	\$0.00	0.00%	Cal OES	Daily
WATER TENDER	\$36.75	\$36.75	\$0.00	0.00%	FEMA	Hourly
OTHER (3/4 ton and above)	\$96.00	\$96.00	\$0.00	0.00%	Cal OES	Daily
HAZMAT (Unit 4)	\$91.00	\$91.00	\$0.00	0.00%	FEMA	Hourly
HAZMAT (Unit 79)	\$91.00	\$91.00	\$0.00	0.00%	FEMA	Hourly
HAZMAT (Unit 204)	\$24.25	\$24.25	\$0.00	0.00%	FEMA	Hourly
HELICOPTER - BELL SUPER HUEY (1)	\$1,329.74	\$1,082.03	(\$247.71)	-18.63%	OCFA	Hourly
HELICOPTER - BELL 412 (1)	\$4,191.13	\$3,863.12	(\$328.01)	-7.83%	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

Board of Directors Meeting
May 25, 2017

Agenda Item No. 3B
Consent Calendar

Orange County Drowning Prevention Task Force

Contact(s) for Further Information

Jeff Bowman, Fire Chief	jeffbowman@ocfa.org	714.573.6010
Jay Barkman, Legislative Analyst Legislative Services	jaybarkman@ocfa.org	714.573.6048

Summary

This agenda item is submitted to request an appropriation in the amount of \$25,000 for the Orange County Drowning Prevention Task Force.

Prior Board/Committee Action

Budget and Finance Committee Recommendation: *APPROVE*

In 2015, the OCFA Board approved a start-up contribution to the Task Force of \$25,000.

At its regular May 10, 2017, meeting, the Budget and Finance Committee reviewed and unanimously recommended approval of this item.

RECOMMENDED ACTION(S)

Approve a budget adjustment in the General Fund (121) increasing appropriations in the amount of \$25,000 for funding of the Orange County Drowning Prevention Task Force.

Impact to Cities/County

None.

Fiscal Impact

Appropriations in the FY 2016/17 General Fund budget will be increased by \$25,000.

Background

The Orange County Drowning Prevention Task Force was created in 2015 by OCFA and County leadership to identify and implement countywide methods and strategies to reduce drowning incidents and fatalities. The Task Force has grown to include representatives from public safety, local government, non-profit organizations, parents of drowning victims, and Olympic medal-winning swimmers.

In 2015, Orange County Health Care Agency (HCA) conducted focus groups to determine appropriate messages and means for delivering them to the community. In 2016, with approximately \$225,000 in funding from the County and Task Force partners, including \$25,000 from OCFA, the campaign targeted parents and caregivers of young children and adults over the age of 50 in both English and Spanish.

OCFA Fire Chief Jeff Bowman is Chair of the Task Force's Finance Committee, and is seeking a contribution again this year of \$25,000 to fund the 2017 media and outreach campaign. In addition to OCFA's contribution, a letter was recently mailed to each OCFA Director encouraging a donation of \$5,000 or more on behalf of their city. The attached report lists entities and amounts contributed in 2016.

Orange County Supervisor Todd Spitzer is Chair of the Task Force's Public Safety Outreach Committee, which is developing the 2017 media and outreach strategy. Funds will continue to be used for regional bus advertisements; however, this year's public outreach will emphasize digital and social media targeted at key populations.

Attachment(s)

2016 Drowning Prevention Campaign

“It Only Takes Seconds to Drown” 2016 Drowning Prevention Campaign October 2016

The Orange County Health Care Agency has implemented the 2016 drowning prevention campaign “It Only Takes seconds to Drown” on behalf of the Orange County Drowning Prevention Task Force (Task Force).

With approximately \$225,000 in funding from the County and Task Force partners the campaign targets parents and caregivers of young children and adults over 50 in both English and Spanish.



The campaign was successfully launched in May and a pre-July 4th holiday weekend press event was held on June 29, 2016. A second event took place prior to the Labor Day holiday weekend. Campaign targets and messages were initiated by the Task Force, market tested, and fully developed by Westbound Communications, under contract with the County. Media used includes bus advertisements, posters and standees, direct mail pieces to public pool operators, digital ads and radio spots.

Campaign Placements

Bus Advertisements

Approximately 230 Orange County Transit Authority buses display the campaign; creating an estimated **35.9 million** total impressions.

Phase I placement, running May 2 through October 16 includes:

- 4 Ultra Super Kings
- 50 Taillights
- 100 Interiors

Phase II placement, running July 11 through October 2 includes:

- 25 Headlight Displays
- 50 King Size Displays

Digital Advertising- Parents and Caregivers

Brief text driven banner ads will be posted on websites visited by parents and caregivers. Ads will run July through October creating an estimated **2.1 million** impressions.

Posters and Standees

Eighty (80) 6'x3' stand up banners (“standees”) were distributed to County buildings, swim schools and recreation centers. **Four hundred (400) posters** were distributed to community partners such as Head Start, Children’s Hospital and Task Force members.

Mass Mailing and Water-Watcher Tags

A mailing is in process of development for over **4,000 operators of public pools** regulated by Environmental Health Services. The mailing will include a letter, a campaign poster with zip ties so it can be affixed to a pool gate and also water watcher tags. In addition, with additional funding from Supervisor Todd Spitzer **20,000 water watcher** tags are being purchased for distribution to the public at all Orange County Fire Authority fire stations. Water watcher tags will also be supplied for outreach events, and included in the public pool operator mailing.

Radio Public Service (PSA) Announcements

The Health Care Agency and Orange County Fire Authority are developing 30 second and 60 second PSA's to be placed with local radio stations.

Campaign Finances

Expenses and Support

Total expenses (committed to date) are \$284,462 and include:

Campaign Development and All Placements	\$ 237,188
Standees and Posters	\$ 8,161
Mailing	\$ 20,442
Water Watcher Tags	\$ 18,671

A total of **\$225,700 was raised from partners and matching funding from the County**. The Health Care Agency has funded the gap of \$58,762, in addition to its commitment to provide \$100,350 in matching funds. Donations are as follows:

Buena Park	\$ 5,000
Dana Point	\$ 5,000
Huntington Beach	\$ 5,000
Irvine	\$ 25,000
Laguna Hills	\$ 5,000
Lake Forest	\$ 5,000
Mission Viejo	\$ 5,000
Newport Beach	\$ 5,000
Orange County Fire Authority	\$ 25,000
Seal Beach	\$ 5,000
Stanton Kiwanis	\$ 350
Tustin	\$ 5,000
Yorba Linda	<u>\$ 5,000</u>
Total donations to be	\$ 100,350
HCA Matching	\$ 100,350
Supervisor Todd Spitzer	\$ 25,000

Evaluation

Formative Research

Formative research was developed in order to set direction for the campaign. Circumstances around drowning were reviewed based on Orange County data (i.e. pools vs. other bodies of water, pool fence, etc.) to identify the target populations. Best practices and recommendations for prevention were also identified such as those from the Centers for Disease Control and Prevention and also the American Academy of Pediatrics. Messages were developed and tested with the target populations through four focus groups (two for parents and caregivers, two for adults aged 50 and older) and surveys.

Impact to Date

MEDIA	PLACEMENTS	IMPACT
Busses	Phase I placement, running May 2 through October 16 includes: <ul style="list-style-type: none">• 4 Ultra Super Kings• 50 Taillights• 100 Interiors Phase II placement, running July 11 through October 2 includes: <ul style="list-style-type: none">• 25 Headlight Displays• 50 King Size Displays	Approximately 35.9 million impressions
Digital Media	July 1 through October 31	Through 9/30: <ul style="list-style-type: none">• 2,130,538 impressions• 3,190 clicks• Click through rate is .15, which is above the industry standard of .08.
Social Media Facebook Ads	June 30 through October 31	Through 10/17: <ul style="list-style-type: none">• 25,136 people reached• 1183 clicks
Stand Up Banners	Onsite displays at 80 locations including swim schools, community centers, County buildings. Also used in OCFA outreach. Banners were offered to all Cities that donated to the campaign.	
Drowning Prevention Campaign Mailing	Mailing to 4,104 OC public pools operators, which included campaign info., a water watcher tag and laminated campaign poster with zip ties for poolside display	
Posters	400 posters distributed to community based organizations, clinics, Orange County Fire Authority, County programs.	
Radio spots	30 second ads to air 8/22-10/16; 116 spots	1,042,700 impressions



Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
May 25, 2017

Agenda Item No. 3C
Consent Calendar

**Amendment to County Island Fire and Medical Services
Agreement with the City of Anaheim**

Contact(s) for Further Information

Brian Young, Assistant Chief
Operations Department

brianyoung@ocfa.org

714.573.6014

Dave Steffen, Division Chief
Division 7

davesteffen@ocfa.org

714.573.7892

Summary

This agenda item is submitted for approval of a Fifth Amendment to the Agreement with the City of Anaheim, for the purpose of providing fire and medical services to county unincorporated areas (county islands) located within, or adjacent to, the boundaries of the City of Anaheim.

Prior Board/Committee Action(s)

No committee action required or requested.

RECOMMENDED ACTION(S)

Approve and authorize the Board Chair to execute the Fifth Amendment to the Agreement with the City of Anaheim for the period of July 1, 2015, through June 30, 2020, for the purpose of providing fire and medical services to county unincorporated areas (county islands) located within, or adjacent to, the boundaries of the City of Anaheim.

Impact to Cities/County

Not Applicable.

Fiscal Impact

The estimated cost to OCFA is \$100,111 for fiscal year 2015/2016 and \$104,127 for fiscal year 2016/2017. Future costs are equivalent to 65% of the Secured Structural Fire Fund revenues generated in the service area.

Background

The Orange County Fire Authority contracts with several Orange County cities to protect unincorporated areas that are not within service distance from existing OCFA Fire Stations. The City of Anaheim has provided fire and medical services to adjacent "county islands" since January 1, 1988. Providing services in this manner is the most cost-effective way to meet OCFA's obligations to service county islands. The fourth amendment to the contract expired on June 30, 2015, but both parties agreed to honor the terms of the fourth amendment until a new amendment to agreement could be executed.

Attachment(s)

Proposed 5th Amendment to the Anaheim County Island Agreement

A G R E E M E N T

THIS AGREEMENT, dated for purposes of identification only this ____ day of _____, 2017, is made and entered into by and between the

CITY OF ANAHEIM, a municipal corporation,
hereinafter referred to as "ANAHEIM,"

A
N
D

ORANGE COUNTY FIRE AUTHORITY, a California joint powers authority,
hereinafter referred to as "OCFA."

ANAHEIM and OCFA are sometimes individually referred to herein as "Party"
and collectively as "Parties."

W I T N E S S E T H:

WHEREAS, ANAHEIM is a municipal corporation duly organized and validly existing under the laws of the State of California with the power to carry on its business as it is now being conducted under the statutes of the State of California and the Charter of the City of Anaheim; and

WHEREAS, OCFA is a California Joint Powers Authority , and the successor agency to the Orange County Fire Department, which provides fire protection and medical services to unincorporated areas of Orange County; and

WHEREAS, OCFA and ANAHEIM previously entered into an Agreement, dated March 12, 1996 to provide fire and emergency medical services to the unincorporated county area bordering southwest Anaheim, north of Ball Road, as indicated on the map attached as Exhibit A ("SERVICE AREA"), which Agreement has already been amended on four separate occasions; and

WHEREAS, OCFA and ANAHEIM wish to enter into this Agreement to supersede and extinguish the March 12, 1996 agreement and all amendments thereto, in order to simplify and clarify and bring the terms and conditions of the Agreement up to date and to reflect current needs and expectations between the Parties.

NOW, THEREFORE, FOR AND IN CONSIDERATION OF THE MUTUAL PROMISES, COVENANTS AND CONDITIONS HEREIN CONTAINED, THE PARTIES HERETO AGREE AS FOLLOWS:

1. SERVICES TO BE PROVIDED BY ANAHEIM

1.1 ANAHEIM shall provide fire and emergency medical services and ambulance services to that unincorporated territory of Orange County which is the SERVICE AREA denoted in Exhibit A.

1.2 Initial Response to structure and other fires, medical, and other emergencies in the SERVICE AREA shall be the responsibility of ANAHEIM. The amount and type of equipment to respond will be based upon the normal deployment that Anaheim deploys to calls in their own jurisdiction, and are in alignment with the Orange County Fire Service Annex, dictated by mutual agreement of the OCFA Director of Fire Services and the Fire Chief of ANAHEIM.

1.3 In the event of an emergency in the SERVICE AREA that exceeds the ability of ANAHEIM fire services to control, and ANAHEIM has committed equipment equivalent to a structure fire response, then ANAHEIM shall notify OCFA, which shall dispatch additional equipment and manpower.

1.4 Where mutual aid is required in the SERVICE AREA, ANAHEIM's Fire Chief or his designee shall make such request through the County Mutual Aid Fire System.

1.5 ANAHEIM shall make periodic test of fire hydrants in the SERVICE AREA using the normal procedures used within ANAHEIM or as mutually agreed between the OCFA Director of Fire Services and the Fire Chief of ANAHEIM, provided that charges for water usage, if any, will be the responsibility of OCFA.

1.6 ANAHEIM shall not be liable or responsible for charges for fire hydrant repair or rental in the SERVICE AREA.

1.7 ANAHEIM shall furnish OCFA reports on fire and rescue service, as requested.

1.8 Burning permits for the SERVICE AREA will be issued by OCFA. If OCFA issues a burn permit in the SERVICE AREA, it will send a copy of the permit to the ANAHEIM Fire Marshall's office and to the Metro Net Fire Communications Center at least 24 hours prior to the allowed burn time.

2. SERVICES TO BE RETAINED BY OCFA

Except as otherwise provided herein, OCFA agrees to retain the responsibility for administrative work, including fire investigations and building inspections in the SERVICE AREA.

3. TERM

The term of this Agreement is for five years. It shall commence on July 1, 2015, and shall terminate on June 30, 2020 unless terminated earlier as set forth in Section 7 herein ("Term"). Renewal beyond June 30, 2020, shall require the approval of the OCFA Board of Directors and the ANAHEIM City Council.

4. COMPENSATION

As consideration for the services set forth in this Agreement, OCFA agrees to pay ANAHEIM the following amounts:

4.1 An amount equal to sixty-five percent (65%) of the secured Structural Fire Fund revenue generated in the SERVICE AREA. Said annual payment will be calculated using the following formula: $NSAV \times BASIC\ TAX\ LEVY\ RATE \times 0.10512781 \times 0.65 = Annual\ Payment$.

The above formula is based upon the following:

NSAV is the sum of the Net Secured Assessed Value of all parcels in the SERVICE AREA as reported by the Orange County Assessor for the then current fiscal year;

BASIC TAX LEVY RATE is the amount of that rate, which, at one percent (1%) is represented as 0.01 in the formula.

0.10512781 is the Average Structural Fire Fund Tax Rates for the Tax Rate Areas that include the SERVICE AREA (TRAs 71-004, 71-008, 71-010, and 71-012) at the time of the execution of this contract.

0.65 represents the pass through rate (65%) to ANAHEIM in this Agreement.

4.2 Said yearly payment shall be paid to ANAHEIM in two equal installments on December 1 and March 1 each year, starting Dec. 1, 2015. Thirty days (30 days) before each due date, the OCFA will report this calculation to the City and the City shall then submit an invoice for each installment.

4.3 OCFA shall not be liable for the direct payment of any wages or other compensation to any officer, employee, or agent of ANAHEIM performing any services under this Agreement. OCFA shall not be liable to any officer, employee, or agent of ANAHEIM for any sickness or injury incurred by such person in the course of performing services under this Agreement. ANAHEIM shall be solely responsible for all personnel actions relating to ANAHEIM employees utilized in the performance of this Agreement.

5. ADMINISTRATION

This Agreement will be administered in ANAHEIM by Anaheim Fire & Rescue. The employees of Anaheim Fire & Rescue shall be authorized to take the following actions pursuant to this Agreement:

(i) ANAHEIM's Fire Chief, is authorized to take any and all actions on behalf of ANAHEIM as set forth herein and to terminate services in accordance with Section 7 of this Agreement.

6. NOTICES

All notices, demands or other writings to be made, given or sent hereunder, or which may be so given or made or sent by either ANAHEIM or OCFA to the other shall be deemed to have been given when in writing and personally delivered or if mailed on the third (3rd) day after being deposited in the United States mail, certified or registered, postage prepaid, and addressed to the respective Parties at the following addresses:

If to ANAHEIM:

City Clerk
City of Anaheim
200 S. Anaheim Boulevard, 2nd Floor
Anaheim, California 92805
FAX No. (714) 765-4105

With copies to:

Anaheim Fire & Rescue
201 S. Anaheim Blvd, Suite 300
Anaheim, CA 92805
Attention: Fire Chief
Telephone Number: (714) 765-4001
FAX No. (714) 765-4008

If to OCFA:

Orange County Fire Authority
P.O. Box 57115
Irvine, CA 92619-7115
Attention: Fire Chief
Telephone Number: (714) 573-6010
FAX Number: _____

7. ENFORCEMENT OF AGREEMENT

7.1 Events of Default.

For purposes of this Section 7, the word "Default" shall mean the failure of either OCFA or ANAHEIM to perform any of either Party's respective duties or obligations or the breach by OCFA or ANAHEIM of any of the terms and conditions set forth in this Agreement. Notwithstanding the foregoing, neither OCFA nor ANAHEIM shall not be deemed to be in Default in the performance of any obligation required to be performed by either Party hereunder unless and until the non-performing Party has failed to perform such obligation for a period of thirty (30) days after receipt of written notice from the other Party specifying in reasonable detail the nature and extent of any such failure; provided, however, that if the nature of the obligation is such that more than thirty (30) days are required for its performance, then the non-performing party shall not be deemed to be in Default if it shall commence to cure such performance within such thirty (30) day period and thereafter diligently prosecute the same to completion.

7.2 Immediate Termination for Default. In the event of any Default by either OCFA or ANAHEIM, the non-defaulting Party may immediately terminate this

Agreement. Such termination shall be effective immediately upon receipt by the defaulting Party of written notice from the non-defaulting Party. In such event, the defaulting Party shall have no further rights hereunder, and the non-defaulting Party shall have all other rights and remedies as provided by law.

7.3 Termination Without Cause. This Agreement may be terminated without the necessity of cause by either Party on June 30 of any year by giving written notice of termination of at least six (6) months prior to said termination date.

8. COMPLIANCE WITH ALL LAWS

OCFA shall at its own cost and expense comply with all statutes, ordinances, regulations and requirements of all governmental entities, including federal, state, county or municipal, whether now in force or hereinafter enacted. In addition, all work prepared by OCFA shall conform to applicable local, county, state and federal laws, rules, regulations and permit requirements and be subject to approval of the Project Administrator.

9. INDEMNIFICATION

Each Party shall indemnify and hold harmless the other Party, and its officials, officers, agents and employees from any and all losses, liability, damages, claims, suits, action and administrative proceedings, and demands relating to acts or omissions of the indemnitor, its officials, officers, agents or employees arising out of or incidental to the performance of any of the provisions of this Agreement or any other acts or omissions of the indemnitor, its officers, agents or employees. Neither Party assumes liability for the acts or omissions of persons other than each party's respective officials, officers, agents or employees. In the event judgment is entered against both Parties because of joint or concurrent negligence of both Parties, or their officials, officers, agents or employees, an apportionment of liability to pay such judgment shall be made by a court of competent jurisdiction and neither Party shall be entitled to a jury apportionment.

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10. WAIVER

A waiver by either Party of any breach, of any term, covenant or condition contained herein shall not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant or condition contained herein, whether of the same or a different character.

11. INTEGRATED CONTRACT

This Agreement and the exhibits hereto contain the entire agreement of ANAHEIM and OCFA with respect to the matters covered hereby, and no agreement, statement or promise made by either ANAHEIM or OCFA which is not contained herein, shall be valid or binding. No prior agreement, understanding or representation pertaining to any such matter shall be effective for any purpose.

12. CONFLICTS OR INCONSISTENCIES

In the event there are any conflicts or inconsistencies between this Agreement and the Exhibits or any other attachments attached hereto, the terms of this Agreement shall govern.

13. INTERPRETATION

Each Party acknowledges that he / she / it has had the benefit of advice of competent legal counsel with respect to its decision to enter this Agreement. The provisions of this Agreement shall be interpreted to give effect to their fair meaning and shall be construed as prepared by both Parties.

14. AMENDMENTS

This Agreement may be modified or amended only by a written document executed by both OCFA and ANAHEIM and approved as to form by the City Attorney and General Counsel.

15. SEVERABILITY

If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be held invalid or unenforceable, the remainder of this Agreement, or the application of its terms and provisions to persons and circumstances other than those to which it has been held invalid or unenforceable shall not be affected thereby,

and each term and provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

16. REMEDIES CUMULATIVE

The remedies given to ANAHEIM and OCFA herein shall be cumulative and are given without impairing any other rights given ANAHEIM or OCFA by statute or law now existing or hereafter enacted and the exercise on any one (1) remedy by ANAHEIM or OCFA shall not exclude the exercise of any other remedy.

17. NO THIRD PARTY BENEFICIARIES

The Parties intend that no rights nor remedies be granted to any third party as a beneficiary of this Agreement or of any covenant, duty, obligation or undertaking established herein.

18. CONTROLLING LAW AND VENUE

The laws of the State of California shall govern this Agreement and all matters relating to it and any action brought relating to this Agreement shall be adjudicated in a court of competent jurisdiction in the County of Orange.

19. AUTHORITY

Each individual executing this Agreement on behalf of a corporation, nonprofit corporation, partnership or other entity or organization, represents and warrants the he or she is duly authorized to execute and deliver this Agreement on behalf of such entity or organization and that this Agreement is binding upon the same in accordance with its terms. OCFA shall, at ANAHEIM's request, deliver a certified copy of it governing board's resolution or certificate authorizing or evidencing such execution.

20. EFFECTIVE DATE

This Agreement shall be effective on the date on which this Agreement is executed by ANAHEIM ("Effective Date"), and its provisions shall be retroactive to July 1, 2015.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed on the dates hereinafter respectively set forth.

Date of Execution

CITY OF ANAHEIM
a municipal corporation

By: _____
Tom Tait, Mayor

"ANAHEIM"

ATTEST:

By: _____
City Clerk

APPROVED AS TO FORM:
KRISTIN A. PELLETIER, ACTING CITY ATTORNEY

By: _____
Robert J. Tyson
Deputy City Attorney

Dated: 5/10/17

Date of Execution

ORANGE COUNTY FIRE AUTHORITY
a California joint powers authority

By: _____

Printed Name _____

Title _____

"OCFA"

ATTEST:

By: _____
Clerk of the Authority

APPROVED AS TO FORM:
OCFA GENERAL COUNSEL

By: M. S. Pimentel, For

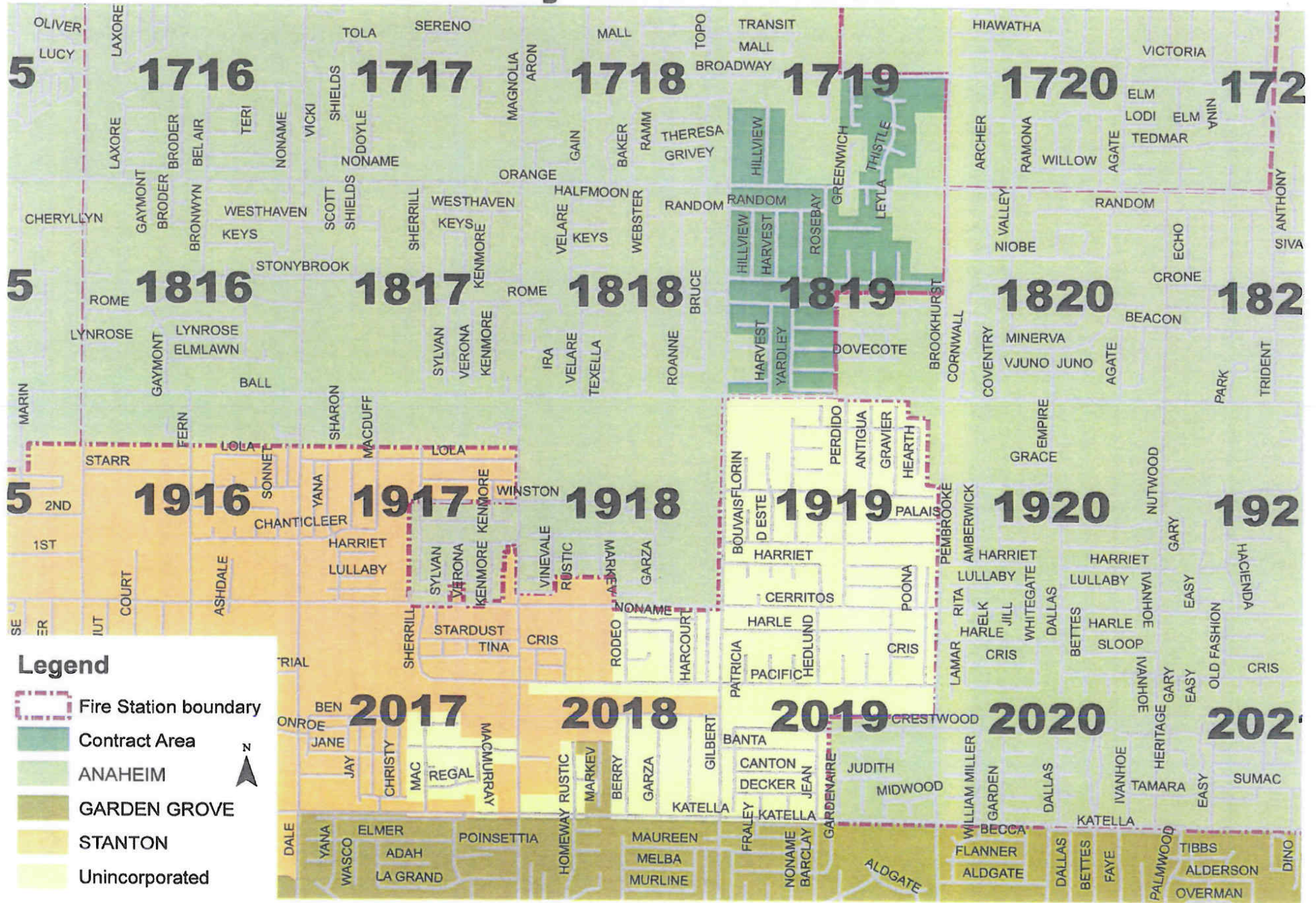
Dated: 5-11-2017

119322

Attachments: Exhibit A – Map of Service Area

EXHIBIT A
MAP OF SERVICE AREA

County Contract Area







Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
May 25, 2017

Agenda Item No. 3D
Consent Calendar

Ratify Appointment to Executive Committee

Contact(s) for Further Information

Lori Zeller, Assistant Chief Business Services Department	lorizeller@ocfa.org	714.573.6020
Sherry Wentz, Clerk of the Authority	sherrywentz@ocfa.org	714.573.6041

Summary

This agenda item is submitted to ratify the Executive Committee appointment.

Prior Board/Committee Action

Not Applicable.

RECOMMENDED ACTION(S)

Ratify the appointment of Tri Ta (Westminster) to the Executive Committee.

Impact to Cities/County

Not Applicable.

Fiscal Impact

Not Applicable.

Background

The Executive Committee, as defined by Rule 9(b) of the Board of Directors Rules of Procedure, consists of no more than nine (9) members of the Board of Directors. The Executive Committee membership is comprised of the following designated positions: the Chair and Vice Chair of the Board of Directors, the immediate past Chair of the Board, and the Chair of the Budget and Finance Committee. In addition, up to five at-large members, who must include at least one member of the County Board of Supervisors, may serve as members of the Committee. In the selection of at-large members, appointments shall be made in such a manner as to achieve approximately the ratio of cash contract cities to total member agencies of the Authority.

The Chair of the Board may make at-large appointments to the Executive Committee to fill any vacancies, subject to approval by the Board of Directors. There is currently one at-large vacancy on the Executive Committee, due to the recent reorganization of the Board. Chair Swift has selected Tri Ta (Westminster) to fill the At-Large vacancy on the Executive Committee.

Therefore, pursuant to Rule 9 of the OCFA Board of Directors Rules of Procedures, and subject to the confirming vote by the Board of Directors, the membership of the Executive Committee will be as follows:

Beth Swift, Chair – Buena Park*
Ed Sachs, Vice Chair – Mission Viejo
Gene Hernandez, Immediate Past Chair– Yorba Linda
Joe Muller, Budget and Finance Committee Chair (Alternate) – Dana Point
Todd Spitzer, At-Large Member - County Board of Supervisors
Carol Gamble, At-Large Member – Rancho Santa Margarita
Noel Hatch, At-Large Member – Laguna Woods
David John Shawver, At-Large Member – Stanton*
Tri Ta, At-Large Member – Westminster*

Structural Fire Fund Alternates: Vacancy
 Vacancy
 Vacancy

Cash Contract Alternates: Vacancy
 Vacancy
 Vacancy

* = Cash Contract City

Attachment(s)

None.



Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
May 25, 2017

Agenda Item No. 4A
Public Hearing

Review of the Proposed Fiscal Year 2017/18 Budget

Contact(s) for Further Information

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Tricia Jakubiak, Treasurer Treasury and Planning	triciajakubiak@ocfa.org	714.573.6301
Deborah Gunderson, Budget Manager	deborahgunderson@ocfa.org	714.573.6302

Summary

This item presents the annual proposed Fiscal Year 2017/18 Proposed General Fund and Capital Improvement Program (CIP) Budget for review by the Budget and Finance Committee.

Prior Board/Committee Action

Budget and Finance Committee Recommendation: *APPROVE*

The CIP Ad Hoc Committee reviewed the proposed CIP Budget with staff on April 12, 2017, and provided support for moving the CIP Budget forward to the Budget and Finance Committee and Board of Directors for approval.

The City Managers' Budget and Finance Committee reviewed the proposed FY 2017/18 Budget with staff on April 13, 2017. The Committee heartily endorsed and recommended the OCFA Budget and Finance Committee and Board of Directors adopt the FY 2017/18 Budget, as submitted.

At its regular May 10, 2017, meeting, the Budget and Finance Committee reviewed and unanimously recommended approval of this item.

RECOMMENDED ACTION(S)

1. Conduct a Public Hearing.
2. Adopt the proposed FY 2017/18 Budget as submitted.
3. Adopt the proposed Resolution entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS ADOPTING AND APPROVING THE APPROPRIATIONS BUDGET FOR THE ORANGE COUNTY FIRE AUTHORITY FOR FISCAL YEAR 2017/18.
4. Approve and authorize the temporary transfer of up to \$42 million from the following Funds to cover a projected temporary cash flow shortfall for FY 2017/18:
 - Fund 123 Fire Stations and Facilities - \$15 million
 - Fund 124 Communications and Information Systems - \$13 million
 - Fund 133 Fire Apparatus - \$14 million
5. Approve and authorize the repayment of \$42 million borrowed funds from Fund 121 to the above Funds along with interest when General Fund revenues become available in FY 2017/18.
6. Approve and authorize a FY 2016/17 budget adjustment to increase net revenues by \$138,450 and appropriations by \$447,113, as further described in this staff report.

Impact to Cities/County

The proposed FY 2017/18 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 proposed Budget document).

Fiscal Impact

See attached proposed Budget.

Background

We are pleased to present the proposed FY 2017/18 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 2017/18 and for all five years of the five-year forecast. The Budget Overview in the attached budget document provides details relating to staff's recommendations to unfreeze and fund positions from the Master Position Control.

Proposed 2016/17 Budget Adjustment

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

- Increase to revenues in the net amount of \$138,450. This adjustment is comprised of the following:
 - \$173,452 net increase to State and Federal revenues in the General Fund (121), primarily for assistance by hire
 - \$23,534 net decrease in the General Fund (121 and 12150) to cash contract city charges and facility maintenance charges
 - \$330,000 increase in the General Fund (121) for CRA pass-through revenue
 - \$332,800 net decrease to miscellaneous revenues in the General Fund (121)
 - \$8,668 decrease in the Fire Apparatus Fund (133) as a result of a decommissioning of a Paramedic van in Seal Beach.
- Net increase to expenditures of \$447,113. This adjustment is comprised of the following:
 - \$19,691 appropriation in the General Fund (121) for additional expenses related to the CAL FIRE SRA.
 - \$245,872 appropriation in the General Fund CIP (12110) related to the defibrillators and their replacement
 - \$181,550 appropriation in the General Fund (121) for interfund borrowing expenses

Attachment(s)

1. Proposed Resolution
2. FY 2017/18 Proposed Budget (On file in the Clerk's Office and available upon request.)

RESOLUTION NO. 2017-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 2017/18**

*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 2017/18 is approved and adopted by the Board of Directors as follows:

GENERAL FUNDOperating Appropriations

Salary and Employee Benefits	\$311,832,922
UAAL Pay-down to OCERS	\$5,886,420
Services and Supplies	\$32,393,611
Capital Outlay	<u>\$140,000</u>
Total Operating Appropriations	\$350,252,953

Other Funds

Fund 12110 – General Fund CIP	\$1,155,900
Fund 123 – Fire Stations and Facilities	\$2,000,000
Fund 124 – Communications and Info. Systems	\$3,755,117
Fund 133 – Fire Apparatus	\$10,058,259
Fund 171 – Structural Fire Entitlement Fund	\$0
Fund 190 – Self-Insurance Fund	<u>\$8,066,513</u>
Total Other Funds	\$25,035,789

Reserves

10% Operating Contingency	\$34,436,653
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PASSED, APPROVED and ADOPTED this 25th day of May 2017.

ELIZABETH SWIFT, CHAIR
Board of Directors

ATTEST:

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

ORANGE COUNTY FIRE AUTHORITY

BOARD OF DIRECTORS PROPOSED FY 2017/18 BUDGET



Business Services Department
Treasury & Financial Planning
May 25, 2017

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PROPOSED

FY 2017/18 BUDGET

May 25, 2017

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Budget Overview

We are pleased to present the proposed FY 2017/18 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 2017/18 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.

After the approval and implementation of the Phase III Service Delivery Enhancements, and as part of the annual budget process, Executive Staff re-examined those positions which still remain frozen post-recession, and considered the staffing needs in each of our departments. Consistent with our approach for the last two fiscal years, our strategy has been to request restoration of the frozen positions over multiple years, in an effort to ensure that new 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. With this FY 2017/18 budget, we are requesting to unfreeze and reclassify where necessary 22 positions, including:

- Twelve frontline Operations personnel to serve an expanded Fire Station 20 in Irvine, starting March 1, 2018. These positions, which include six Firefighters, three Fire Apparatus Engineers and three Fire Captains, have been frozen pending completion of the new/expanded fire station. The need for the positions is driven by, and funded from substantial development in the area.
- One Division Chief, one Administrative Captain, and one Administrative Assistant to be used for the purpose of lightening and redistributing the substantial workload assigned to each of the existing seven Divisions in the Operations Department.
- One Fire Pilot, to be assigned to Air Operations
- One Assistant Fire Training Officer to assist with Operations Training and Safety duties
- Four Information Technology (IT) positions, including one Communications Services Supervisor, one IT Specialist, and two IT Technicians, with costs offset by contract savings for these positions. The work performed by these positions has been previously performed by external contractors. We are seeking to transition this work to in-house staff to handle greater workload demands which require full-time employment status.
- One Part-time Accountant to assist with Human Resources benefits reconciliation

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; 54 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.

- ***Services and Supplies*** – All sections were directed to hold their services and supplies (S&S) budget at the FY 2016/17 level. Requested increases 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 as required by approved MOUs. Merit increases are included for qualifying employees.
- ***Workers' Compensation*** – The workers' compensation annual budget is funded at the 50% confidence level per the policy.
- ***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 will be calculated and occur at the Mid-Year Budget Adjustment in FY 2017/18. 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 Snowball Plan.

- ***Snowball Plan*** – The budget includes approximately \$5.9M 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 twenty-two positions we are seeking with this budget, coupled with the twelve positions which were authorized in FY 2016/17 concurrent with the Phase III Service Delivery Enhancements, 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 2017/18 BUDGET

	FY 2016/17 Adjusted Budget	FY 2017/18 Proposed Budget	\$ Change from FY 2016/17 Adjusted	% Change from FY 2016/17 Adjusted
FUNDING SOURCES				
Property Taxes	\$230,301,459	\$242,371,052	\$12,069,593	5.24%
Intergovernmental	15,092,901	15,729,661	636,760	4.22%
Charges for Current Services	102,840,465	107,076,852	4,236,387	4.12%
Use of Money & Property	283,622	664,714	381,092	134.37%
Other	1,158,298	849,248	(309,050)	-26.68%
Subtotal Revenues	349,676,745	366,691,527	17,014,782	4.87%
One-time Grant/ABH/RDA	15,107,742	-	(15,107,742)	-100.00%
Total Revenues & Other	364,784,487	366,691,527	1,907,040	0.52%
Financing Sources				
Operating Transfer In	-	-	-	-
Beginning Fund Balance	73,446,407	52,757,327	(20,689,080)	-28.17%
TOTAL AVAILABLE RESOURCES	\$438,230,894	\$419,448,854	(\$18,782,040)	-4.29%
EXPENDITURES				
Salaries & Employee Benefits	\$298,367,794	311,832,922	\$13,465,128	4.51%
Services & Supplies	32,897,266	32,393,611	(503,655)	-1.53%
Capital Outlay	1,376,158	140,000	(1,236,158)	-89.83%
Subtotal Expenditures	332,641,218	344,366,533	11,725,315	3.52%
UAAL Paydowns	13,467,591	5,886,420	(7,581,171)	-56.29%
One-time Grant/ABH/RDA	9,421,759	-	(9,421,759)	-100.00%
Total Expenditures & Other Uses	355,530,568	350,252,953	(5,277,615)	-1.48%
Operating Transfer Out	29,942,999	-	(29,942,999)	-100.00%
Appropriation for Contingencies (1)	3,000,000	3,000,000	-	0.00%
Ending Fund Balance	49,757,327	66,195,901	16,438,574	33.04%
TOTAL FUND COMMITMENTS & FUND BALANCE	\$438,230,894	\$419,448,854	(\$18,782,040)	-4.29%

(1) Requires Board approval to spend

ORANGE COUNTY FIRE AUTHORITY
FY 2017/18 General Fund
Proposed Budget Highlights
May 25, 2017

NOTE: This comparison is the Adjusted FY 2016/17 budget to the Proposed FY 2017/18 budget, with one-time grant and assistance by hire revenues and expenditures removed.

Revenue
\$17.0 million or a 4.87% increase

- | | |
|--|-------------------------|
| Property Taxes | \$12.0M increase |
| <ul style="list-style-type: none">▪ Based on 5.61% current secured growth per preliminary RSG study of April 4, 2017, applied to the current year tax ledger, excluding public utility taxes▪ The refund factor is estimated at 1% based on historical trends | |
| State Reimbursements | \$500K increase |
| <ul style="list-style-type: none">▪ The proposed FY 2017/18 budget is based on the FY 2015/16 Gray Book rates, with the addition of the Emergency Command Center staffing enhancements which were added by the State in the current year | |
| Federal Reimbursements | No Change |
| Community Redevelopment Agency (CRA) Pass-Thru | \$137K increase |
| <ul style="list-style-type: none">▪ Based on projections from the preliminary RSG study of April 4, 2017 | |
| Cash Contract Charges | \$4.23M increase |
| <ul style="list-style-type: none">▪ Based on 4.5% increase to cash contract cities service charge, plus the annual catch-up payments, for an average increase of 4.59%▪ The City of San Clemente's changes reflect updated operating model for the discontinuation of the seasonal ambulance service. Full-time ETT service is included until such time as the City officially eliminates the service▪ City of Placentia's charge reflects the service configuration changes approved by the Board, with impact to be phased-in over two fiscal years. This is the second year of the phase-in | |
| Community Risk Reduction Fees | No Change |
| <ul style="list-style-type: none">▪ Based on current FY projections and input from CRR staff | |
| Use of Money and Property | \$381K increase |
| <ul style="list-style-type: none">• Projected interest earnings are based on an annual return of 1.50% in FY 2017/18. | |

Miscellaneous Revenue**\$309K decrease**

- The proposed FY 2017/18 budget includes a \$210K decrease in Santa Ana College Agreement revenues

Expenditures***\$11.7 million or a 3.52% increase overall***

Salaries**\$8.1M increase**

- Includes funding for an additional 22 positions, including:
 - 4 post positions for additional staffing for FS20, prorated for 4 months of the year to accommodate the scheduled opening during the fiscal year
- FY 2017/18 proposed budget also includes an \$8.1 million deduction for average salary savings in the firefighter rank
- Annual change from approved MOUs are included

Retirement**\$3.4M increase**

- Additional scheduled UAAL paydown amounts removed for comparison purposes
- FY 2017/18 rates are OCERS' final adopted rates. Budgeted rates decreased in the safety categories and increased in the General 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
- Retirement rates based on the Public Employees' Pension Reform Act (PEPRA) are used for vacant positions. PEPRA rates increased slightly in FY 2017/18

Benefits**\$1.9M increase**

- Workers' Comp is budgeted based on the 50% confidence level provided by the actuarial study completed in January, 2017
- Firefighter group medical insurance based on rates of \$1,900 per month effective 1/1/2017.
- Management dental insurance reflects an increase of 5.0%

Services and Supplies/Equipment/Debt Service**\$1.7M decrease**

- The proposed FY 2017/18 budget includes a smaller capital equipment and services and supplies budget than the adjusted FY 2016/17 budget. Only one-time expenditures related to grants and assistance by hire are removed from FY 2016/17.

ORANGE COUNTY FIRE AUTHORITY
FY 2017/18 Proposed Budget
Information and Pending Issues
May 25, 2017

RSG Property Tax Study

- The final report estimates 5.61% growth in secured property tax revenue in FY 2017/18.
- RSG has updated their methodology slightly with a goal to improve the accuracy of their forecasts. Applying their new methodology against prior years projections and actuals indicates their forecasts may be within 0.4% of actuals, instead of 1.2%.

Updated Financial Stability Budget Policy

- The five-year forecast includes the implementation of the updated Financial Stability Budget policy. Transfers from General Fund surplus will now occur at the Mid-year Budget Adjustment rather than at the beginning of the year. Fifty percent of the General Fund Surplus will be directed to the CIP funds with the balance used for UAAL paydown.

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 2016/17 or FY 2017/18. FY 2015/16's budgetary estimate, updated for the ECC staffing, will be used pending the update.

Cash Contract City Charges

- Current estimate is a 4.5% increase, pending final approval of 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

TRAN

- We have determined there is no need for a Tax Revenue Anticipation Note (TRAN) in FY 2017/18. TRANs are typically issued to provide cash-flow funding between receipts of semi-annual property tax.

City Managers' Budget and Finance Committee Recommendations

The City Managers' Budget and Finance Committee (B&FC) met on April 13, 2017 to review the Proposed FY 2017/18 Budget, including the CIP Budget. They made the following formal recommendations and suggestions:

Formal Recommendation

1. The City Managers' B&FC heartily endorses and recommends that the OCFA Budget & Finance Committee and Board of Directors adopt the FY 2017/18 Budget, as submitted.

Additional Suggestions Incorporated into the Document

1. Include the portion of employee contribution to retirement costs in the Salary and Benefits Assumptions
2. Add the percentage of total funding of the Unfunded Actuarial Accrued Liability (UAAL) for pension benefits in the presentation documents

ORANGE COUNTY FIRE AUTHORITY
COMBINED PROPOSED BUDGET SUMMARY
FY 2017/18

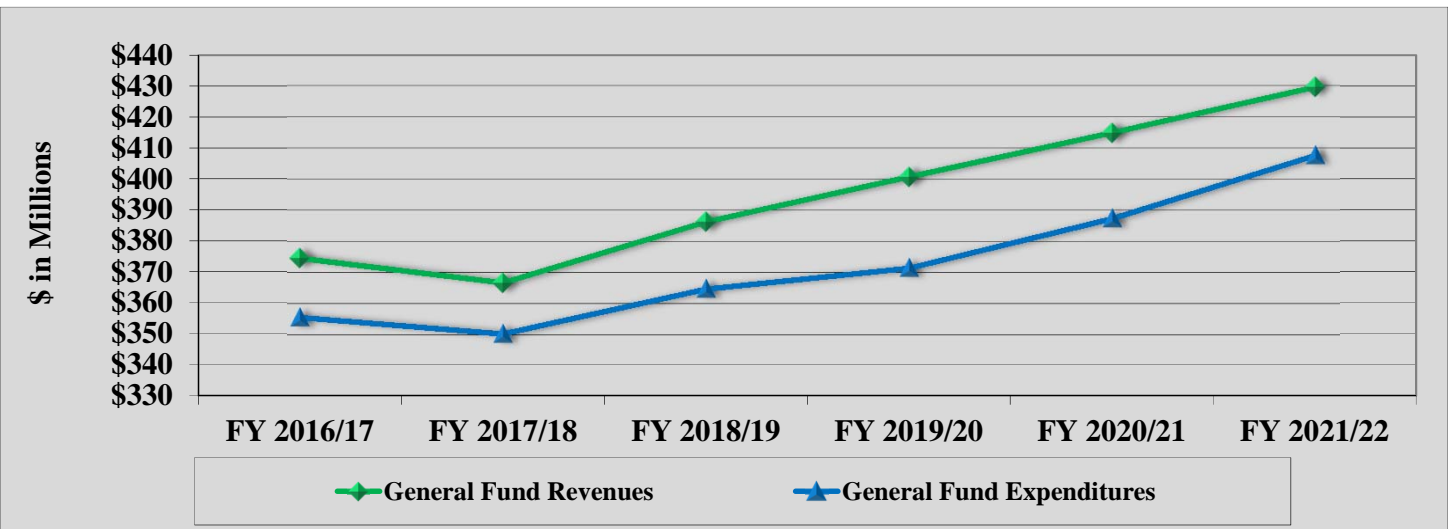
	121 General Fund	12110 ⁽¹⁾ General Fund CIP	123 Fire Stations & Facilities
FUNDING SOURCES			
Property Taxes	\$242,371,052	-	-
Intergovernmental	15,729,661	-	-
Charges for Current Services	107,076,852	-	-
Use of Money & Property	664,714	-	251,107
Other	849,248	-	58,199
Total Revenue & Other Financing Sources	366,691,527	-	309,306
Operating Transfer In	-	-	-
Beginning Fund Balance	52,757,327	-	15,725,465
TOTAL AVAILABLE RESOURCES	\$419,448,854	-	\$16,034,771
EXPENDITURES			
Salaries & Employee Benefits	\$311,832,922	-	-
Services & Supplies	32,393,611	1,155,900	-
Capital Outlay	140,000	-	2,000,000
Debt Service	-	-	-
Subtotal Expenditures	344,366,533	1,155,900	2,000,000
UAAL Paydown	5,886,420	-	-
Total Expenditures & Other Uses	350,252,953	1,155,900	2,000,000
Appropriation for Contingencies	3,000,000	-	-
Operating Transfer Out	-	-	-
Ending Fund Balance	66,195,901	-	14,034,771
TOTAL FUND COMMITMENTS & FUND BALANCE	\$419,448,854	\$1,155,900	\$16,034,771

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

124 Communications & Information Systems	133 Fire Apparatus	171 SFF Entitlement	190 Self- Insurance	Total
-	-	-	-	\$242,371,052
-	-	-	-	15,729,661
-	1,346,618	-	12,687,256	121,110,726
224,898	270,517	4,303	1,181,767	2,597,306
98,254	60,295	-	-	1,065,996
323,152	1,677,430	4,303	13,869,023	382,874,741
-	-	-	-	-
14,746,514	10,065,006	3,895	76,405,414	169,703,621
\$15,069,666	\$11,742,436	\$8,198	\$90,274,437	\$552,578,362
-	-	-	-	\$311,832,922
-	-	-	8,066,513	41,616,024
3,755,117	7,526,536	-	-	13,421,653
-	2,531,723	-	-	2,531,723
3,755,117	10,058,259	-	8,066,513	369,402,322
				5,886,420
3,755,117	10,058,259	-	8,066,513	375,288,742
-	-	-	-	3,000,000
-	-	-	-	-
11,314,549	1,684,177	8,198	82,207,924	174,289,620
\$15,069,666	\$11,742,436	\$8,198	\$90,274,437	\$552,578,362

Five-Year Forecast Proposed FY 2017/18 Budget
Orange County Fire Authority
Five-Year Financial Forecast

	<i>Adjusted</i> FY 2016/17	<i>Year 1</i> FY 2017/18	<i>Year 2</i> FY 2018/19	<i>Year 3</i> FY 2019/20	<i>Year 4</i> FY 2020/21	<i>Year 5</i> FY 2021/22
Beginning Fund Balance	202,123,783	169,703,621	169,656,599	167,808,557	178,988,563	195,357,516
General Fund Revenues	374,598,964	366,691,527	386,278,237	400,722,001	414,905,785	429,615,891
General Fund Expenditures	342,062,978	344,366,533	355,533,764	361,770,155	374,949,212	393,336,067
Paydown of UAAL	13,467,591	5,886,420	9,167,397	9,648,658	12,368,859	14,279,280
Total General Fund Expenditures	355,530,569	350,252,953	364,701,160	371,418,813	387,318,071	407,615,347
Net General Fund Revenue	19,068,395	16,438,574	21,577,076	29,303,188	27,587,714	22,000,544
Less Incremental Increase in 10% GF Op. Cont.	1,422,810	1,172,531	1,116,723	623,639	1,317,906	1,838,686
General Fund Surplus / (Deficit)	17,645,586	15,266,043	20,460,353	28,679,549	26,269,809	20,161,858
Operating Transfer to GF Cashflow	-	-	-	-	-	-
Operating Transfer to CIP Funds	17,645,586	7,633,021	10,230,177	14,339,774	13,134,904	10,080,929
Paydown of UAAL from General Fund Surplus	-	7,633,021	10,230,177	14,339,774	13,134,904	10,080,929
Draws from GF Fund Balances	(9,814,477)	-	-	-	-	-
CIP/Other Revenues	32,517,492	23,816,235	28,529,660	33,875,115	31,382,148	30,163,602
CIP/Other Expenses	56,545,987	25,035,789	31,494,425	23,318,748	16,331,100	14,945,343
CIP Surplus / (Deficit)	(24,028,495)	(1,219,554)	(2,964,765)	10,556,367	15,051,048	15,218,259
Ending Fund Balance	169,703,621	169,656,599	167,808,557	178,988,563	195,357,516	212,414,461



	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22
General Fund Revenues	\$ 374.60	\$ 366.69	\$ 386.28	\$ 400.72	\$ 414.91	\$ 429.62
General Fund Expenditures	\$ 355.53	\$ 350.25	\$ 364.70	\$ 371.42	\$ 387.32	\$ 407.62

Five-Year Forecast Proposed FY 2017/18 Budget

	ADJUSTED FY 2016/17	PROJECTED FY 2017/18	PROJECTED FY 2018/19	PROJECTED FY 2019/20	PROJECTED FY 2020/21	PROJECTED FY 2021/22
A. BEGINNING FUND BALANCE	202,123,783	169,703,621	169,656,599	167,808,557	178,988,563	195,357,516
GENERAL FUND REVENUES						
Property Taxes	230,301,459	242,371,052	255,709,053	265,003,816	274,758,074	284,738,190
State Reimbursements	5,286,668	5,786,668	5,786,668	5,786,668	5,786,668	5,786,668
Federal Reimbursements	100,000	100,000	100,000	100,000	100,000	100,000
One-Time Grant/ABH/RDA	11,970,786	-	-	-	-	-
Community Redevelopment Agency Pass-thru	9,706,233	9,842,993	10,610,959	11,128,457	11,633,730	12,216,561
Cash Contracts	92,357,581	96,593,967	101,508,673	106,120,904	110,083,971	114,196,174
Community Risk Reduction Fees	6,448,604	6,448,604	6,448,604	6,448,604	6,448,604	6,448,604
ALS Supplies & Transport Reimbursement	3,929,330	3,929,330	3,929,330	3,929,330	3,929,330	3,929,330
Interest Earnings	283,622	664,714	1,230,751	1,250,023	1,271,523	1,306,479
Other Revenue	4,400,205	954,199	954,199	954,199	893,885	893,885
Unencumbered Fund Balance for Paydown of UAAL	9,814,477	-	-	-	-	-
TOTAL REVENUES	374,598,964	366,691,527	386,278,237	400,722,001	414,905,785	429,615,891
GENERAL FUND EXPENDITURES						
New Positions for New Stations	-	-	1,983,798	2,023,590	5,711,081	13,480,803
Employee Salaries	190,130,222	197,923,786	205,522,271	209,218,612	213,740,732	218,369,639
Retirement - Regular Annual Payments	67,352,525	70,949,644	73,818,538	74,825,620	77,505,511	79,698,327
Retirement - Paydown of UAAL (Rate Savings)	1,653,114	1,886,420	3,167,397	1,648,658	2,368,859	3,279,280
Retirement - Paydown of UAAL (Unencumb. Funds)	9,814,477	-	-	-	-	-
Retirement - Paydown of UAAL (\$1M per Year from WC)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	-
Retirement - Paydown of UAAL (\$1M per Year, Increasing)	1,000,000	3,000,000	5,000,000	7,000,000	9,000,000	11,000,000
Workers' Comp Transfer out to Self-Ins. Fund	11,444,465	12,687,256	13,035,532	13,383,808	13,749,498	15,191,983
Other Insurance	26,799,046	27,551,288	28,591,360	30,281,361	32,081,906	34,001,126
Medicare	2,543,391	2,720,948	2,865,104	2,873,593	2,930,244	2,988,015
One-Time Grant/ABH Expenditures	8,150,546	-	-	-	-	-
Salaries & Employee Benefits	319,887,786	317,719,342	334,983,999	342,255,242	358,087,832	378,009,174
Services & Supplies/Equipment	34,371,570	32,533,611	29,620,153	29,063,653	28,953,653	28,943,653
New Station/Enhancements S&S Impacts	-	-	97,008	99,918	276,586	662,520
One-Time Grant Expenditures	1,271,213	-	-	-	-	-
TOTAL EXPENDITURES	355,530,569	350,252,953	364,701,160	371,418,813	387,318,071	407,615,347
NET GENERAL FUND REVENUE	19,068,395	16,438,574	21,577,076	29,303,188	27,587,714	22,000,544
B. Incremental Increase in GF 10% Contingency	1,422,810	1,172,531	1,116,723	623,639	1,317,906	1,838,686
GENERAL FUND SURPLUS / (DEFICIT)	17,645,586	15,266,043	20,460,353	28,679,549	26,269,809	20,161,858
C. Operating Transfers (from) Operating Contingency	-	-	-	-	-	-
Transfers to CIP Funds						
Transfers to CIP from General Fund Surplus	17,645,586	7,633,021	10,230,177	14,339,774	13,134,904	10,080,929
Total Operating Transfers to CIP	17,645,586	7,633,021	10,230,177	14,339,774	13,134,904	10,080,929
One-Time Paydown of UAAL from General Fund Surplus	-	7,633,021	10,230,177	14,339,774	13,134,904	10,080,929
Capital Improvement Program/Other Fund Revenues						
Interest Earnings	989,246	1,932,592	2,643,609	2,731,475	3,026,259	3,375,058
State/Federal Reimbursement	-	-	-	-	-	-
Cash Contracts	1,358,858	1,346,618	1,387,017	1,428,627	1,471,487	1,515,632
Developer Contributions	630,394	-	1,016,577	1,774,683	-	-
Workers' Comp Transfer in from GF	11,444,465	12,687,256	13,035,532	13,383,808	13,749,498	15,191,983
Miscellaneous	448,944	216,748	216,748	216,748	-	-
Operating Transfers In	17,645,586	7,633,021	10,230,177	14,339,774	13,134,904	10,080,929
Total CIP, W/C, Other Revenues	32,517,492	23,816,235	28,529,660	33,875,115	31,382,148	30,163,602
Capital Improvement Program/Other Fund Expenses						
Fund 12110 - General Fund CIP	6,532,527	1,155,900	1,685,700	1,648,700	2,200,700	1,100,100
Fund 123 - Fire Stations and Facilities	8,922,569	2,000,000	7,525,000	2,500,000	-	500,000
Fund 124 - Communications & Information Systems	9,449,482	3,755,117	5,094,367	2,006,511	-	-
Fund 133 - Fire Apparatus	21,799,582	10,058,259	8,444,811	7,770,818	4,116,012	2,668,040
Sub-Total CIP Expenses	46,704,160	16,969,276	22,749,878	13,926,029	6,316,712	4,268,140
Fund 171 - SFF Entitlement	584,464	-	-	-	-	-
Fund 190 - WC Self-Ins. (Cashflow Payments per Actuary)	9,257,363	8,066,513	8,744,547	9,392,719	10,014,388	10,677,203
Total CIP, W/C, Other Expenses	56,545,987	25,035,789	31,494,425	23,318,748	16,331,100	14,945,343
D. CIP SURPLUS/(DEFICIT)	(24,028,495)	(1,219,554)	(2,964,765)	10,556,367	15,051,048	15,218,259
ENDING FUND BALANCE (A+B+C+D) [a]	169,703,621	169,656,599	167,808,557	178,988,563	195,357,516	212,414,461
Fund Balances						
Operating Contingency (10% of Expenditures)	33,264,122	34,436,653	35,553,376	36,177,016	37,494,921	39,333,607
Reserve Exceeding Required Contingency	19,493,205	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 & Developer Contributions	2,478	2,478	2,478	2,478	2,478	2,478
Capital Improvement Program	40,062,045	33,039,981	24,167,682	29,062,681	38,528,082	47,167,736
Fund 190 - WC Self-Insurance	76,476,771	82,279,281	88,186,815	93,848,183	99,433,830	106,012,435
Total Fund Balances	169,703,621	169,656,599	167,808,557	178,988,563	195,357,516	212,414,461

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

Forecast Assumptions – FY 2017/18 Budget

Basic Assumptions:

The Adopted FY 2016/17 budget, and the Five-Year Capital Improvement Plan approved by the Board of Directors on May 26, 2016 form the basis for this financial forecast with the following adjustments:

- Updated total beginning fund balance from the FY 2015/16 audited financial statements
- All approved budget adjustments that have occurred since the adoption of the budget
- Revised 5-Year CIP plan based on input from CIP managers.

General Fund Revenues:

- ***Secured Property Taxes*** – Rosenow Spevacek Group’s Final 2017 Report provides the growth factors assumed for the forecast. The following are projections of current secured property tax growth:

FY 2017/18	5.61%
FY 2018/19	5.88%
FY 2019/20	3.87%
FY 2020/21	3.91%
FY 2021/22	3.85%

- ***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. Board actions to date and proposed mid-year adjustments have increased the FY 2016/17 adopted budget by \$12.0M for one-time increases in grants and assistance by hire.
- ***Community Redevelopment Agency Pass-thru Revenue*** – RSG completed a preliminary Redevelopment Area Excess Revenue Analysis of pass-thru and residual revenues from the dissolution of the redevelopment agencies dated 4/4/2017. 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 3.75% 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 0.75% for FY 2016/17, 1.50% for FY 2017/18, and 2.25% for FY 2018/19 through FY 2021/22.
- **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 3/1/2018 (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, 1/1/2021 for Station 68, and 7/1/2021 for Station 69.
 - ✓ **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 2017/18 that do not include the 3-year phase-in of the impact of a change in economic assumptions on employer contribution rates for Safety Members (“3-Year Phase-In”). 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 8/25/2016. FY 2017/18 rates are approximately 3.03% higher for safety and 0.60% higher for non-safety compared to FY 2016/17 rates.

FY	Safety	General	Source
2016/17	47.75%	33.20%	Effective rates for FY 2016/17 provided by OCERS without 3-Year Phase-In
2017/18	50.78%	33.80%	Per Segal Study dated August 2016. Effective rates after removing impact of additional OCFA UAAL contributions, assuming 7.25% rate or return for all years.
2018/19	50.79%	34.10%	
2019/20	51.49%	34.60%	
2020/21	52.29%	35.20%	

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

FY 2016/17 includes a mid-year adjustment of \$9.8M for accelerated paydown of OCFA’s Unfunded Actuarial Accrued Liability (UAAL) from unencumbered fund balance carried over from FY 2015/16.

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

- Contributing additional funds each year using projected savings that will be realized under new Public Employees' Pension Reform Act (PEPRA) of \$1.7M in FY 2016/17 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 2017/18 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 2017 Study.
- ✓ **Other Insurance** – Medical insurance rates for firefighters are assumed to remain flat for calendar years 2017 and 2018 and increase by 5% in 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 2017/18.
- ✓ **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 2016/17.
 - **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.

Capital Improvement Program/Other Funds Revenue:

- ***Interest Earnings*** – Assumes an annual return of 0.75% for FY 2016/17, 1.50% for FY 2017/18, and 2.25% for FY 2018/19 through FY 2021/22.
- ***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 various vehicles for Rancho Mission Viejo Station 67 in FY 2018/19 and FY 2019/20.
- ***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 current year.
- ***Self-Insurance Fund (Fund 190)*** – Self-Insurance fund expenditures are based on projected payments in the Rivelle Consulting Services Feb 2017 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 2017

Salaries

Vacant Positions

- Vacant unfrozen positions are budgeted as follows:
 - ✓ Firefighter - step 1
 - ✓ Fire Apparatus Engineer – step 10
 - ✓ Captain - step 10
 - ✓ Staff positions - step 5 for entry level positions, and step 10 for positions with promotional opportunities within the same occupational class series with the exception of: HR Analysts, Senior IT Analysts, and IT Supervisor, which are budgeted at top-step.

- The following 54 frozen positions are not funded in the proposed FY 2017/18 budget:
 - ✓ 2 Sr. Fire Prevention Specialists (CRR; P&D/Inspection)
 - ✓ 2 Fire Prevention Analysts (CRR; P&D)
 - ✓ 1 Assistant Fire Marshal (CRR; P&D)
 - ✓ 1 Senior Accountants (Business Services; Finance)
 - ✓ 1 Assistant Information Technology Manager (Support Services; IT)
 - ✓ 1 Management Analyst (Support Services; Property Management)
 - ✓ 1 Administrative Assistants (Operations; Division 7)
 - ✓ 12 Firefighters*
 - ✓ 15 Fire Apparatus Engineers*
 - ✓ 18 Fire Captains (includes Admin. Captains)*
 - 9 of the frozen Firefighter Unit positions (see * above) were authorized but never filled
 - 30 of the frozen Firefighter Unit positions (see * above) are backfilled

New Station Staffing

- New station FS20 (Irvine) is anticipated to be operational 3/1/2018. Funding for four months of staffing is included in the proposed FY 2017/18 budget. Staffing is budgeted at twelve full-time employees (4 post positions) for a 4 person Truck Engine Company which consists of: two Firefighters, a Fire Captain & a Fire Apparatus Engineer.

Merit Increases for Eligible Employees

- Firefighter Unit and OCEA: 2 ½ steps or 6.875% up to step 12
- Administrative Management and Executive Management: 5.5% in August 2017, not to exceed top step

MOU Changes

- Orange County Employees Association (OCEA)
 - ✓ No cost-of-living adjustments included for FY 2017/18, 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 3.99% effective 7/1/2017
- Firefighter Unit
 - ✓ Rates include cost-of-living adjustment of 4.2% effective 9/1/2017
 - ✓ 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 2017/18
 - ✓ 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 2017/18

Backfill/Holiday/FLSA Adjustment

- Backfill is estimated at \$41,784,290 for FY 2017/18
- Includes funding for 15 Fire Captain and 15 Fire Apparatus Engineer frozen positions
- Also includes funding for the following constant-staffed positions:
 - ✓ 4th Firefighter position on one engine (E34) (funding established pre-OCFA)
 - ✓ 4th Firefighter position on two trucks (T43 and T64) (funding established October 2007)
- Includes staff overtime costs for second academy
- Estimate is allocated to divisions/sections based on historical usage ratios
- Holiday pay and FLSA adjustment are budgeted on a per employee basis
- Includes funding for 4 post positions filled with overtime as part of the Phase III Service Delivery Enhancements

Reserve Firefighters

- Based on FY 2017/18 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, and US&R Tech Truck Certification Pay.
- The following Other Pays were calculated based on historical costs:
Aircraft Rescue Fire Fighting Pay (ARFF), ECC Move-Up Supervisor Pay, Emergency Medical Dispatch (EMD) Pay, Emergency Transportation Tech (ETT) Pay, On-Call Pay, Urban Search and Rescue (US&R) Pays, Hazardous Materials Pay, Paramedic Bonus Pay, and FAE/PM Incentive Pay

Vacation/Sick Payoff

- Vacation/Sick Payoff is estimated at \$3,900,000 for FY 2017/18
- Based on projected trends
- Allocated to divisions/sections based on historical usage ratios

Salary Savings

- Salary savings is estimated at \$5,928,521 for FY 2017/18 based on historical trends; the gross savings is approximately \$8,146,160 including retirement and Medicare benefits

Benefits

Group Medical

- Firefighter Unit – based on FF Health Plan Agreement rates of \$1,900 per month
- OCEA – based on OCEA MOU rate of \$980 per month effective 1/1/2017

Health & Welfare

- OCEA - \$52.20 per month per position – no change from prior years
- Firefighter Unit – based on the FF Health Plan Agreement

Management Insurance

- Includes Management Optional Benefits – no change
- There have been no changes to Life, AD&D and Disability Insurance rates
- Dental rates are estimated to increase by 5% for FY 2017/18
- Vision rates remain unchanged

Retirement	Weighted Average Employee Share	Weighted Average OCFA Rate
General (OCEA)	10.91%	33.41%
FF Unit	15.08%	51.16%
Management (safety)	14.87%	52.24%
Management (non-safety)	11.64%	33.85%

- The above table represents the average Employer and Employee retirement rates including post-PEPRA employees, weighted based on the number of employees in each category. Actual rates vary based on age of entry, date of employment, reciprocity, etc. Average OCFA Rate is net of employee share
- Employee contributions were increased for all bargaining groups as a result of MOU changes or Personnel and Salary Resolution changes, resulting in a multi-year phased in approach to achieving employees paying 50% normal cost for employee retirement contributions
- Retirement costs are net of savings related to the annual prepayment to OCERS of \$1,425,458
- Supported Employment is included in the General category

Workers' Compensation

- FY 2017/18 amount of \$12,687,256 represents the projected expenditures at the 50% confidence level based on the actuarial report dated 2/6/2017
- Third Party Administrator (TPA) and excess insurance costs included in Services and Supplies

Unemployment Insurance

- Budgeted at \$60,000 for FY 2017/18 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 2017/18

DESCRIPTION	FY 2016/17 Adjusted Budget (1)	Less One-time Grants/ ABH	FY 2016/17 Comparative Budget	FY 2017/18 Proposed Budget	\$ Change from FY 2016/17 Comparative	% Change from FY 2016/17 Comparative
PROPERTY TAXES (2)	\$230,301,459	-	\$230,301,459	\$242,371,052	\$12,069,593	5.24%
INTERGOVERNMENTAL	27,063,687	(11,970,786)	15,092,901	15,729,661	636,760	4.22%
CHARGES FOR CURRENT SVCS	102,840,465	-	102,840,465	107,076,852	4,236,387	4.12%
USE OF MONEY AND PROPERTY (3)	283,622	-	283,622	664,714	381,092	134.37%
OTHER	4,295,254	(3,136,956)	1,158,298	849,248	(309,050)	-26.68%
TOTAL REVENUE	\$364,784,487	(\$15,107,742)	\$349,676,745	\$366,691,527	\$17,014,782	4.87%

Notes:

(1) The FY 2016/17 Adjusted Budget includes all Board approved adjustments to date.

(2) Property Tax is based on RSG final study dated April 4, 2017.

(3) Interest earnings are based on FY 2017/18 projection. There will not be a TRAN issued for FY 2017/18.

ORANGE COUNTY FIRE AUTHORITY
FUND 121 - GENERAL FUND
REVENUE DETAIL
FY 2017/18

DESCRIPTION	FY 2016/17 Adjusted Budget (1)	Less One-time Grants/ ABH	FY 2016/17 Comparative Budget	FY 2017/18 Proposed Budget	\$ Change from FY 2016/17 Comparative	% Change from FY 2016/17 Comparative
TAXES						
Property Taxes, Current Secured	\$216,997,591	-	\$216,997,591	\$229,047,152	\$12,049,561	5.55%
Property Taxes, Current Unsecured	7,000,350	-	7,000,350	7,000,350	-	0.00%
Property Taxes, Prior Unsecured	112,894	-	112,894	139,520	26,626	23.58%
Property Taxes, Supplemental	4,623,340	-	4,623,340	4,623,340	-	0.00%
Delinquent Supplemental	201,867	-	201,867	205,117	3,250	1.61%
Homeowner Property Tax	1,365,417	-	1,365,417	1,355,573	(9,844)	-0.72%
TOTAL PROPERTY TAXES (2)	230,301,459	-	230,301,459	242,371,052	12,069,593	5.24%
INTERGOVERNMENTAL						
State						
SRA-Wild lands (CAL FIRE Contract)	6,312,230	(1,235,562)	5,076,668	5,576,668	500,000	9.85%
Assistance by Hire (State)	7,390,000	(7,190,000)	200,000	200,000	-	0.00%
Mandated Reimb. SB90	84,433	(84,433)	-	-	-	0.00%
Helicopters' Billing - CAL FIRE	150,000	(140,000)	10,000	10,000	-	0.00%
(1) The FY 2016/17 Adjusted Budget	328,000	(328,000)	-	-	-	0.00%
(2) Property Tax is based on RSG final	14,264,663	(8,977,995)	5,286,668	5,786,668	500,000	9.46%
(3) Interest earnings are based on FY						
Federal						
Disaster Relief-Federal	78,081	(78,081)	-	-	-	0.00%
USAR Reimbursements	1,834,657	(1,834,657)	-	-	-	0.00%
Assistance by Hire (Federal)	1,040,000	(940,000)	100,000	100,000	-	0.00%
Misc Federal Revenue	140,053	(140,053)	-	-	-	0.00%
SUB-TOTAL	3,092,791	(2,992,791)	100,000	100,000	-	0.00%
CRA Pass-Through						
Cypress-CRA Pass thru	718,577	-	718,577	699,143	(19,434)	-2.70%
Irvine - CRA Pass thru	1,066,917	-	1,066,917	1,410,029	343,112	32.16%
La Palma - CRA Pass thru	309,684	-	309,684	353,364	43,680	14.10%
Lake Forest - CRA Pass thru	539,783	-	539,783	559,804	20,021	3.71%
Mission Viejo Pass thru	980,128	-	980,128	960,883	(19,245)	-1.96%
San Juan Capistrano - CRA Pass thru	1,044,321	-	1,044,321	966,300	(78,021)	-7.47%
County of Orange Pass-Through	2,676,486	-	2,676,486	2,734,958	58,472	2.18%
Yorba Linda - CRA Pass thru	2,370,337	-	2,370,337	2,158,512	(211,825)	-8.94%
Buena Park - CRA Pass Thru	-	-	-	-	-	0.00%
Misc. One-Time RDA revenue	-	-	-	-	-	0.00%
SUB-TOTAL	9,706,233	-	9,706,233	9,842,993	136,760	1.41%
TOTAL INTERGOVERNMENTAL	27,063,687	(11,970,786)	15,092,901	15,729,661	636,760	4.22%

ORANGE COUNTY FIRE AUTHORITY
FUND 121 - GENERAL FUND
REVENUE DETAIL
FY 2017/18

DESCRIPTION	FY 2016/17 Adjusted Budget (1)	Less One-time Grants/ ABH	FY 2016/17 Comparative Budget	FY 2017/18 Proposed Budget	\$ Change from FY 2016/17 Comparative	% Change from FY 2016/17 Comparative
CHARGES FOR CURRENT SERVICES						
Cash Contracts						
San Clemente-Ambulance S&EB	490,922	-	490,922	490,607	(315)	-0.06%
San Clemente-Ambulance S&S	26,707	-	26,707	27,533	826	3.09%
Facility Maintenance Charges	250,000	-	250,000	250,000	-	0.00%
Tustin	6,963,602	-	6,963,602	7,365,755	402,153	5.78%
Placentia	5,698,903	-	5,698,903	5,914,287	215,384	3.78%
Santa Ana	37,528,461	-	37,528,461	38,845,152	1,316,691	3.51%
Santa Ana S&EB Reimbursement	100,000	-	100,000	-	(100,000)	-100.00%
Seal Beach	4,800,680	-	4,800,680	5,078,574	277,894	5.79%
Stanton	3,912,499	-	3,912,499	4,144,696	232,197	5.93%
JWA Contract	4,475,677	-	4,475,677	4,810,552	334,875	7.48%
Buena Park	9,901,736	-	9,901,736	10,459,455	557,719	5.63%
San Clemente	7,723,348	-	7,723,348	8,134,792	411,444	5.33%
Westminster	10,485,045	-	10,485,045	11,072,564	587,519	5.60%
SUB-TOTAL	92,357,580	-	92,357,580	96,593,967	4,236,387	4.59%
Community Risk Reduction Fees						
AR Late Payment Penalty	8,400	-	8,400	8,400	-	0.00%
Inspection Services Revenue	2,253,602	-	2,253,602	2,253,602	-	0.00%
P&D Fees	4,036,602	-	4,036,602	4,036,602	-	0.00%
False Alarm	150,000	-	150,000	150,000	-	0.00%
SUB-TOTAL	6,448,604	-	6,448,604	6,448,604	-	0.00%
Other Charges for Services						
Hazmt Response Subscription Prog	4,951	-	4,951	4,951	-	0.00%
Charge for C&E Services	100,000	-	100,000	100,000	-	0.00%
SUB-TOTAL	104,951	-	104,951	104,951	-	0.00%
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	102,840,465	-	102,840,465	107,076,852	4,236,387	4.12%

ORANGE COUNTY FIRE AUTHORITY

FUND 121 - GENERAL FUND

REVENUE DETAIL

FY 2017/18

DESCRIPTION	FY 2016/17 Adjusted Budget (1)	Less One-time Grants/ ABH	FY 2016/17 Comparative Budget	FY 2017/18 Proposed Budget	\$ Change from FY 2016/17 Comparative	% Change from FY 2016/17 Comparative
USE OF MONEY AND PROPERTY						
Interest (3)						
Interest	283,622	-	283,622	664,714	381,092	134.37%
TOTAL USE OF MONEY/PROPERTY	283,622	-	283,622	664,714	381,092	134.37%
REVENUE - OTHER						
Miscellaneous Revenue						
Other Revenue	5,000	-	5,000	5,000	-	0.00%
Miscellaneous Revenue	3,272,101	(3,136,956)	135,145	90,000	(45,145)	-33.40%
Restitution	1,000	-	1,000	1,000	-	0.00%
RFOTC Cell Tower Lease Agreement	43,260	-	43,260	44,765	1,505	3.48%
Fullerton Airport Hangar Lease	171,336	-	171,336	203,669	32,333	18.87%
Witness Fees	4,500	-	4,500	4,500	-	0.00%
Joint Apprenticeship Comm (CFFJAC)	100,000	-	100,000	100,000	-	0.00%
Santa Ana College Agreement	500,000	-	500,000	290,000	(210,000)	-42.00%
Bankruptcy Loss Recovery	124,927	-	124,927	60,314	(64,613)	-51.72%
Sales of Surplus	73,130	-	73,130	50,000	(23,130)	-31.63%
TOTAL OTHER REVENUE	4,295,254	(3,136,956)	1,158,298	849,248	(309,050)	-26.68%
TOTAL	\$364,784,487	(\$15,107,742)	\$349,676,745	\$366,691,527	\$17,014,782	4.87%

Notes:

(1) The FY 2016/17 Adjusted Budget includes all Board approved adjustments to date.

(2) Property Tax is based on RSG final study dated April 4, 2017.

(3) Interest earnings are based on FY 2017/18 projection. There will not be a TRAN issued for FY 2017/18.

ORANGE COUNTY FIRE AUTHORITY
FY 2017/18 Revenue Assumptions
May 2017

Property Taxes

Current Secured

- Based on projected growth in current secured property tax of 5.61% for FY 2017/18 per RSG's final study dated April 4, 2017, applied to the FY 2016/17 tax ledger and estimated 1.00% refund factor
- Public utility taxes are based on the FY 2016/17 tax ledger

Current Unsecured

- Based on 0% growth factor as provided by RSG
- Based on FY 2016/17 tax ledger and estimated 8.50% refund factor

Supplemental

- Based on the FY 2016/17 projection. This category of revenue is inconsistent from year to year

Homeowner Property Tax Relief

- Based on FY 2015/16 receipts and a reduction of 1.05% for FY 2017/18, which reflects historical trends

Intergovernmental

State Responsibility Area (SRA) – Wildlands CAL FIRE Contract

- Based on the FY 2015/16 contract amount per the Gray Book (CAL FIRE's notice of allocation to the contract counties) plus \$500K additional allotment from FY 2016/17 through FY 2021/22 for enhanced command and control positions

Assistance by Hire – State

- Estimate based on FY 2016/17 projection

Assistance by Hire – Federal

- Estimate based on FY 2016/17 projection

Community Redevelopment Agency (CRA) Pass-thru

- The proposed budget is based on projections from RSG final report dated April 4, 2017

Charges for Current Services

Cash Contract Cities

- Based on estimated budget increases of 4.5% in FY 2017/18
- Based on the 20-year JPA agreement which includes the shortfall amortization
- San Clemente's ambulance service costs reflect the discontinuation of seasonal ambulance services, but include the full-time emergency transportation service until the City eliminates the Emergency Transportation Services during the fiscal year
- The City of Placentia's service charge reflects the service configuration changes approved by the Board, with the financial impact to be phase-in over two fiscal years, beginning in FY 2016/17. This is the second year of phase-in.

John Wayne Airport Contract

- Based on the FY 2017/18 estimated charge

Community Risk Reduction Fees

- Planning and Development fees are based on the FY 2016/17 projection and input from the CRR staff
- Inspection Services revenue is based on the FY 2016/17 projection and input from the CRR staff

Advance Life Support (ALS) Transport and Supplies Reimbursements

- Based on FY 2016/17 projection

Use of Money and Property

Interest

- Interest earnings based on FY 2017/18 projection
- There will not be a Tax and Revenue Anticipation Note (TRAN) issued for FY 2017/18

Other Revenue

Miscellaneous Revenue

- Based on prior FY 2016/17 projections, FY 2017/18 projections, and various lease agreements as applicable

Capital Improvement Plan Overview

Introduction

The Orange County Fire Authority's Capital Improvement Program (CIP) has been reviewed and updated through FY 2021/22 to coincide with the FY 2017/18 budget. The proposed FY 2017/18 CIP budget is approximately \$17.0 million.

The current five-year CIP budget reflects a net decrease of \$15.6 million compared to the prior five-year CIP budget. Projects include the replacement of Fire Station 9 in Mission Viejo (\$6.5M), RFOTC Data Center Suppression System (\$1.0M), Community Risk Reduction (CRR) Automation – Integrated Fire Prevention (IFP) application replacement (\$905K), Incident Reporting application replacement (\$400K), the purchase of seven Type I engines (\$4.3M), and three Type III engines (\$1.4M). A total of \$1.8M was rebudgeted from FY 2016/17 to FY 2017/18 for the CRR automation (IFP) replacement, Incident Reporting Application replacement project, and next generation CAD2CAD project.

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 can also provide cash flow funding for the CIP. Currently, projects are primarily funded through use of fund balances and operating transfers.

CIP Highlights

Fund 12110 – General Fund CIP

FY 2017/18 Budget Request - \$1.2M

- Includes \$300K Fire Station Telephone/Alarm/Sound System upgrades, \$252K for Personal Computer (PC)/Laptop/ Printer Replacement, \$200K for the Mobile Data Computer (MDC) Systems, and \$160K for Network, Servers and Security
-

Fund 123 – Fire Stations and Facilities

FY 2017/18 Budget Request - \$2.0M

- Includes \$800K for site stabilization for Fire Station 42
 - Includes \$500K for the replacement of Fire Station 9 (Mission Viejo)
 - Includes \$500K for infrastructure security enhancements
 - Includes \$200K for US&R warehouse improvements
-

Fund 124 – Communications & Information Systems

FY 2017/18 Budget Request - \$3.8M

- Includes RFOTC data center suppression system (\$1.0M)
 - Includes OCFA disaster recovery co-location facility (\$1.0M)
 - Includes projects related to systems development and support such as the replacement of the CRR – Integrated Fire Prevention application (\$905K) and the Incident Reporting Application Replacement (\$400K). Both are part of the Records Management System (RMS) component of the Public Safety Systems replacement project.
-

Fund 133 – Fire Apparatus

FY 2017/18 Budget Request - \$10.1M

- Emergency vehicles include the purchase of seven Type I engines (\$4.3M), three Type III engines (\$1.4M), four full size 4x4 4 door vehicles (\$228K), two mid-size 4x4 4 door vehicles (\$86K), four 3/4 ton pickup utility vehicles (\$183K), and two water tenders (\$692K)
 - Includes the purchase of eleven support vehicles (\$519K)
 - Includes debt payments towards the lease-purchase agreement for the helicopters (\$2.5M)
-

ORANGE COUNTY FIRE AUTHORITY
CAPITAL IMPROVEMENT PROGRAM
FIVE-YEAR PLAN SUMMARY FY 2017/18 - FY 2021/22

Fund	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Year TOTAL
<i>Fund 12110</i>						
General Fund CIP	\$1,155,900	\$1,685,700	\$1,648,700	\$2,200,700	\$1,100,100	\$7,791,100
<i>Fund 123</i>						
Fire Stations and Facilities	2,000,000	7,525,000	2,500,000	-	500,000	12,525,000
<i>Fund 124</i>						
Communications and Information Systems	3,755,117	5,094,367	2,006,511	-	-	10,855,995
<i>Fund 133</i>						
Fire Apparatus	10,058,259	8,444,811	7,770,818	4,116,012	2,668,040	33,057,940
GRAND TOTAL	\$16,969,276	\$22,749,878	\$13,926,029	\$6,316,712	\$4,268,140	\$64,230,035
Less: Non-discretionary lease installment payments	2,531,723	1,265,862	-	-	-	3,797,585
TOTAL CIP PROJECTS	\$14,437,553	\$21,484,016	\$13,926,029	\$6,316,712	\$4,268,140	\$60,432,450

CIP Ad Hoc Committee Recommendations

The CIP Ad Hoc Committee met on April 12, 2017 to review the Proposed FY 2017/18 CIP Budget. They made the following formal recommendations:

Formal Recommendations which have been implemented in the current/revised 5-Year CIP:

1. Expand the “US&R Warehouse” name to encompass additional uses for the facility including training.
2. Expand project detail for “Infrastructure Security Enhancements” to better describe the scope.
3. Split funding for FS 9 (Mission Viejo) to better match the timing for design in 17/18, construction in 18/19.
4. Expedite funding for FS 42 (Lake Forest) Site Stabilization from 18/19 to 17/18.
5. Expedite the “OCFA Disaster Recovery Co-Location Facility” project from 20/21 to 17/18.

The following recommendations will be implemented as we proceed with CIP project work:

6. As we approach final payment on the two Bell Helicopters, evaluate the future timeline for replacement and incorporate plans into the 5-Year CIP, when needed.
7. Ensure that the IT support team maintaining our future RMS is multi-layered to avoid becoming overly dependent on one employee.



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

Item No.	Project Priority	Project	FY 2017/18
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GENERAL FUND CIP - FUND 12110

1	A	800 MHz Radios	\$85,500
2	A	900 MHz Pagers/Small Equipment/Personal Communications	41,600
3	A	Data Storage, Backup, and Recovery	96,000
4	A	Fire Station Telephone/Alarm/Sound System Upgrades	300,000
5	A	Mobile Data Computer (MDC) System	200,000
6	A	Network, Servers, Security	160,000
7	A	Personal Computer (PC)/Tablets/Printer Replacements	252,000
8	A	VHF Radios	20,800
9	A	RFOTC Administrative Phone System	-
10	B	Digital Orthophotography	-
11	B	RFOTC Uninterruptible Power System (UPS) Replacement	-
12	C	Place Portable Classroom at RFOTC	-
Total - Fund 12110			\$1,155,900

FIRE STATIONS & FACILITIES - FUND 123

1	A	Station 61 (Buena Park) - to be built per the City of Buena Park	Buena Park Build
2	A	Station 67 (Rancho Mission Viejo)	Developer Build
3	A	US&R Warehouse and Training Center Improvements	200,000
4	A	Infrastructure Security Enhancements	500,000
5	B	Replacement of Station 9 (Mission Viejo)	500,000
6	B	Site Stabilization Fire Station 42 (Lake Forest)	800,000
7	B	RFOTC Training Grounds Parking Lot Completion (~60 spots)	-
8	B	Upgrade and Replacement of Props at RFOTC Training Grounds	-
9	B	Station 49 Apparatus Bay Floor Reconstruction	-
10	B	RFOTC 2nd Emergency Generator	-
Total - Fund 123			\$2,000,000

Project Priority: A=Essential; B=Important; C=Could Defer;

Item No.	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Year TOTAL
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1	\$85,500	\$31,500	\$27,000	\$40,000	\$269,500
2	41,600	41,600	41,600	41,600	208,000
3	96,000	96,000	296,000	96,000	680,000
4	328,000	328,000	400,000	500,000	1,856,000
5	460,000	460,000	315,800	48,000	1,483,800
6	160,000	160,000	160,000	160,000	800,000
7	202,500	202,500	652,500	202,500	1,512,000
8	22,100	9,100	7,800	12,000	71,800
9	290,000	-	-	-	290,000
10	-	70,000	-	-	70,000
11	-	-	300,000	-	300,000
12	-	250,000	-	-	250,000
	\$1,685,700	\$1,648,700	\$2,200,700	\$1,100,100	\$7,791,100

1	-	-	-	-	-
2	-	-	-	-	-
3	275,000	-	-	-	475,000
4	500,000	-	-	-	1,000,000
5	6,000,000	-	-	-	6,500,000
6	-	-	-	-	800,000
7	750,000	-	-	-	750,000
8	-	1,000,000	-	-	1,000,000
9	-	1,500,000	-	-	1,500,000
10	-	-	-	500,000	500,000
	\$7,525,000	\$2,500,000	-	\$500,000	\$12,525,000

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

Item No.	Project Priority	Project	FY 2017/18
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COMMUNICATIONS & INFORMATION SYSTEMS - FUND 124

1	A	800 MHz Countywide Coordinated Comm. Sys. Upgrade	-
2	A	Community Risk Reduction Automation - IFP Replacement	905,117
3	A	Incident Reporting Application Replacement	400,000
4	A	Next Generation CAD2CAD	450,000
5	A	RFOTC Data Center Fire Suppression System Upgrade	1,000,000
6	A	Mobile CAD Application Development	-
7	B	OCFA Disaster Recovery Co-Location Facility	1,000,000
8	B	RFOTC ECC Video Wall	-
9	B	Fleet Services Fuel Management Tracking System	-

		<i>Total - Fund 124</i>	\$3,755,117
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FIRE APPARATUS - FUND 133

1	A	Lease Purchase Financing: Principal & Interest	\$2,531,723
2	A/B	Emergency Vehicles	7,007,472
3	A	Developer Funded Vehicles	-
4	B	Support Vehicles	519,064
		<i>Total - Fund 133</i>	\$10,058,259

		<i>GRAND TOTAL - ALL CIP FUNDS</i>	\$16,969,276
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Project Priority: A=Essential; B=Important; C=Could Defer

Item No.	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Year TOTAL
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1	\$3,539,250	-	-	-	\$3,539,250
2	905,117	905,117	-	-	2,715,351
3	400,000	-	-	-	800,000
4	-	-	-	-	450,000
5	-	-	-	-	1,000,000
6	250,000	-	-	-	250,000
7	-	-	-	-	1,000,000
8	-	500,000	-	-	500,000
9	-	601,394	-	-	601,394

	\$5,094,367	\$2,006,511	-	-	\$10,855,995
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1	\$1,265,862	-	-	-	\$3,797,585
2	5,397,234	5,890,976	4,007,700	2,384,056	24,687,438
3	1,016,577	1,774,683	-	-	2,791,260
4	765,138	105,159	108,312	283,984	1,781,657
	\$8,444,811	\$7,770,818	\$4,116,012	\$2,668,040	\$33,057,940

	\$22,749,878	\$13,926,029	\$6,316,712	\$4,268,140	\$64,230,035
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ORANGE COUNTY FIRE AUTHORITY
CAPITAL IMPROVEMENT PROGRAM
DEFERRED PROJECTS

Project	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	4-Year TOTAL
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FIRE STATIONS AND FACILITIES - FUND 123

Deferred projects, pending identification of a suitable/available location for construction

FS18 (Trabuco Canyon) - FS Replacement	\$6,500,000	-	-	-	\$6,500,000
FS52 (Irvine Business District)	-	6,500,000	-	-	6,500,000
FS25 (Midway City) - FS Replacement	-	-	6,500,000	-	6,500,000
FS12 (Laguna Woods)	-	-	6,500,000	-	6,500,000
Total - Fund 123	\$6,500,000	\$6,500,000	\$13,000,000	-	\$26,000,000

COMMUNICATIONS & INFORMATION SYSTEMS - FUND 124

Deferred projects, pending capacity after completion of higher priority projects

Enterprise Reporting and Business Intelligence	\$125,000	\$125,000	-	-	\$250,000
Document Management Project	150,000	-	-	-	150,000
Total - Fund 124	\$275,000	\$125,000	-	-	\$400,000

GRAND TOTAL	\$6,775,000	\$6,625,000	\$13,000,000	-	\$26,400,000
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List of Fire Stations

Station #	Station Name	Address	Location
#2	Los Alamitos	3642 Green Ave.	Los Alamitos, 90720
#4	University	2 California Ave.	Irvine, 92612
#5	Laguna Niguel	23600 Pacific Island Dr.	Laguna Niguel, 92677
#6	Irvine	3180 Barranca Pkwy.	Irvine, 92606
#7	San Juan Capistrano	31865 Del Obispo	San Juan Capistrano, 92675
#8	Skyline	10631 Skyline Dr.	Santa Ana, 92705 (Unincorp.)
#9	So. Mission Viejo	9 Shops Blvd.	Mission Viejo, 92691
#10	Yorba Linda	18422 E. Lemon Dr.	Yorba Linda, 92886
#11	Emerald Bay	259 Emerald Bay	Laguna Beach, 92651 (Unincorp.)
#13 *	La Palma	7822 Walker St.	La Palma, 90623
#14	Silverado	29402 Silverado Canyon Rd. (P.O. Box 12)	Silverado, 92676 (Unincorp.)
#15 **	Silverado (USFS)	27172 Silverado Canyon Rd.	Silverado, 92676 (Unincorp.)
#16	Modjeska	28891 Modjeska Canyon Rd.	Silverado, 92676 (Unincorp.)
#17	Tri-Cities	4991 Cerritos Ave.	Cypress, 90630
#18 ***	Trabuco	30942 Trabuco Canyon Rd.	Trabuco Canyon, 92678 (Unincorp.)
#19	Lake Forest	23022 El Toro Rd.	Lake Forest, 92630
#20	Irvine	6933 Trabuco Rd.	Irvine, 92618
#21	Tustin	1241 Irvine Blvd.	Tustin, 92780
#22	Laguna Hills	24001 Paseo de Valencia	Laguna Hills, 92637
#23	Villa Park	5020 Santiago Canyon Rd.	Orange, 92869
#24	Mission Viejo	25862 Marguerite Pkwy.	Mission Viejo, 92692
#25	Midway City	8171 Bolsa Ave.	Midway City, 92655 (Unincorp.)
#26	Valencia	4691 Walnut Ave.	Irvine, 92604
#27	Portola Springs	12400 Portola Springs Rd.	Irvine, 92618
#28	Irvine Industrial	17862 Gillette Ave.	Irvine, 92614
#29	Doheny	26111 Victoria Blvd.	Dana Point, 92624
#30	Niguel	23831 Stonehill Dr.	Dana Point, 92629
#31	No. Mission Viejo	22426 Olympiad Rd.	Mission Viejo, 92692
#32	East Yorba Linda	20990 Yorba Linda Blvd.	Yorba Linda, 92887
#33 ***	Airport Crash (John Wayne Airport)	374 Paularino	Costa Mesa, 92626
#34 *	Placentia (Valencia)	1530 N. Valencia	Placentia, 92870
#35 *	Placentia (Bradford)	110 S. Bradford	Placentia, 92870
#36	Woodbridge	301 E. Yale Loop	Irvine, 92604
#37 *	Tustin	15011 Kensington Park Drive	Tustin, 92780
#38	Irvine	26 Parker	Irvine, 92618
#39	No. Laguna Niguel	24241 Avila Rd.	Laguna Niguel, 92677
#40	Coto de Caza	25082 Vista del Verde	Coto de Caza, 92679 (Unincorp.)
#41 **	Fullerton Airport	3900 Artesia Ave.	Fullerton, 92833
#42	Portola Hills	19150 Ridgeline Rd.	Lake Forest, 92679
#43 *	Tustin Ranch	11490 Pioneer Way	Tustin, 92782
#44 *	Seal Beach	718 Central Ave.	Seal Beach, 90740
#45	Santa Margarita	30131 Aventura	Rancho Santa Margarita, 92688
#46 *	Stanton	7871 Pacific St.	Stanton, 90680
#47	Shady Canyon	47 Fossil	Irvine, 92603
#48 *	Seal Beach	3131 N. Gate Road	Seal Beach, 90740
#49	Bear Brand	31461 St. of the Golden Lantern	Laguna Niguel, 92677
#50 *	San Clemente	670 Camino de los Mares	San Clemente, 92673
#51	Irvine Spectrum	18 Cushing	Irvine, 92618
#53	Yorba Linda	25415 La Palma Ave.	Yorba Linda, 92887
#54	Foothill Ranch	19811 Pauling Ave.	Lake Forest, 92610
#55	Irvine	4955 Portola Parkway	Irvine, 92620
#56	Sendero Ranch	56 Sendero Way	Rancho Mission Viejo, CA
#57	Aliso Viejo	57 Journey	Aliso Viejo, 92656
#58	Ladera Ranch	58 Station Way	Ladera Ranch, 92694
#59 *	San Clemente	48 Avenida La Pata	San Clemente, 92673
#60 *	San Clemente	121 Avenida Victoria	San Clemente, 92672
#61 *	Buena Park	8081 Western Ave.	Buena Park, 90620
#62 *	Buena Park	7780 Artesia Blvd.	Buena Park, 90621
#63 *	Buena Park	9120 Holder St.	Buena Park, 90620
#64 *	Westminster	7351 Westminster Blvd.	Westminster, 92683
#65 *	Westminster	6061 Hefley St.	Westminster, 92683
#66 *	Westminster	15061 Moran St.	Westminster, 92683
#70*	Santa Ana	2301 N. Old Grand St.	Santa Ana, 92701
#71*	Santa Ana	1029 W. 17th St.	Santa Ana, 92706
#72*	Santa Ana	1688 E. 4th St.	Santa Ana, 92701
#73*	Santa Ana	419 Franklin St.	Santa Ana, 92703
#74*	Santa Ana	1427 S. Broadway St.	Santa Ana, 92707
#75*	Santa Ana	120 W. Walnut St.	Santa Ana, 92701
#76*	Santa Ana	950 W. MacArthur Ave.	Santa Ana, 92707
#77*	Santa Ana	2317 S. Greenville St.	Santa Ana, 92707
#78*	Santa Ana	501 N. Newhope St.	Santa Ana, 92703
#79*	Santa Ana	1320 E. Warner Ave.	Santa Ana, 92705

* City-Owned Stations

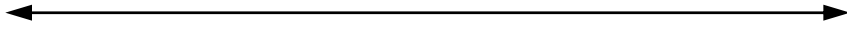
** Other Leased Stations

*** County-Owned



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 2017 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 2018.

Project Status: Ongoing

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Special department expense	\$85,500	\$85,500	\$31,500	\$27,000	\$40,000	\$269,500
Total	\$85,500	\$85,500	\$31,500	\$27,000	\$40,000	\$269,500

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

900 MHZ PAGERS / SMALL EQUIPMENT / PERSONAL COMMUNICATIONS

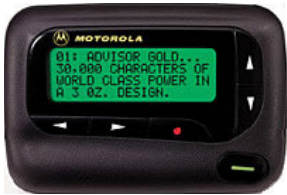
Project Priority: A

Org Number: P330

Project Type: Equipment Replacement

Project Management: IT – Communications & Workplace Support

Project Description: The OCFA utilizes about 1,375 pagers, 250 personal communication devices, 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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Special Department 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, etc. The useful life of servers, SAN's, and other related hardware can range from three to five years.



Project costs also include a major purchase to refresh hardware for the CAD and related systems in FY2020/21, as well as associated contracted professional services required to upgrade critical systems.

Project Status: Ongoing

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
Project Cost						
Equipment expense	\$96,000	\$96,000	\$96,000	\$296,000	\$96,000	\$680,000
Total	\$96,000	\$96,000	\$96,000	\$296,000	\$96,000	\$680,000

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

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, out-dated, 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 through 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 \$130,000 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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Maintenance/Repair-Equip.	\$300,000	\$328,000	\$328,000	\$400,000	\$500,000	\$1,856,000
Total	\$300,000	\$328,000	\$328,000	\$400,000	\$500,000	\$1,856,000

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, monitor) were installed six years ago at a purchase price of approximately \$6,000 ea. 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 plans to replace all existing MDCs with ruggedized Apple iPad tablets in two phases over the next three years.



Phase one is in process and will continue through FY 2018/19. New ruggedized computer tablets running the Windows Operating System (WinOS) will be deployed to new emergency apparatus and to replace failing MDC's. The current mobile CAD app works only on WinOS and while staff is developing the mobile CAD app to work on ruggedized Apple iPads, it is about two years from deployment. We will continue to use the existing modular MDCs as much as possible until the new iPad compatible Mobile CAD app is ready. The cost of ruggedized Windows computer tablets with associated installation costs is approximately \$5,500 per unit.

Phase two begins in 2019 and will replace all modular MDCs and ruggedized Windows computer tablets with ruggedized Apple iPads. Installed cost per ruggedized Apple iPad is approximately \$2,300. The ruggedized WinOS tablets installed in phase one will be repurposed for other uses at OCFA.



Project Status: Ongoing

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Special department expense	\$200,000	\$460,000	\$460,000	\$315,800	\$48,000	\$1,483,800
Total	\$200,000	\$460,000	\$460,000	\$315,800	\$48,000	\$1,483,800

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

NETWORK, SERVERS, SECURITY

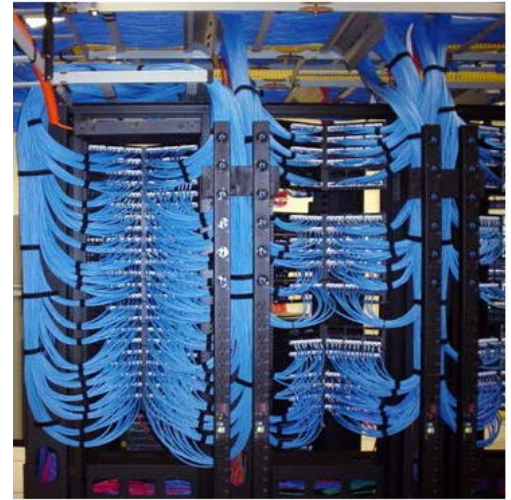
Project Priority: A

Org Number: P337

Project Type: Equipment Replacement/New Technology

Project Management: IT – Communications & 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 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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Equipment expense	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$800,000
Total	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$800,000

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

PERSONAL COMPUTER (PC)/TABLETS/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 2017/18 to upgrade the GIS Section computers. In FY 2020/21, additional funds are added to replace all of the OCMEDS electronic Prehospital Care Reporting (ePCR) ruggedized iPad tablets that were deployed in late 2016.

Project Status: Ongoing

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Office Expense	\$252,500	\$202,500	\$202,500	\$652,500	\$202,500	\$1,512,500
Total	\$252,500	\$202,500	\$202,500	\$652,500	\$202,500	\$1,512,500

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

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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
Project Cost						
Special department expense	\$20,800	\$22,100	\$9,100	\$7,800	\$12,000	\$71,800
Total	\$20,800	\$22,100	\$9,100	\$7,800	\$12,000	\$71,800

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

RFOTC ADMINISTRATIVE PHONE SYSTEM

Project Priority: A

Org Number: P401

Project Type: Equipment Replacement

Project Management: IT – Communications & 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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	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.

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 2019/20.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Professional and Specialized Services	-	-	\$70,000	-	-	\$70,000
Total	-	-	\$70,000	-	-	\$70,000

Impact on Operating Budget: No impact.

RFOTC UNINTERRUPTIBLE POWER SYSTEM (UPS) REPLACEMENT

Project Priority: B

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

Management: IT – Communications & IT Infrastructure

Project Description: This item is to replace and upgrade the RFOTC Data Center Uninterruptible Power System (UPS).

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, radio 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 13 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 project estimated to begin in FY 2020/21.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Equipment	-	-	-	\$300,000	-	\$300,000
Total	-	-	-	\$300,000	-	\$300,000

Impact on Operating Budget: Annual maintenance of the UPS will be required, but total cost is unknown until the type of batteries and system are further defined.

PLACE PORTABLE CLASSROOM AT RFOTC

Project Priority: C

Org Number: TBD

Project Type: Facility Enhancement

Project Management: Property Management

Project Description: This project contemplates purchasing and installing a temporary classroom to be placed in the RFOTC training ground area. Installation may include but is not limited to: electrical, telecom, data, plumbing and structural items.

Project Status: Project is anticipated to commence in FY 2019/20.

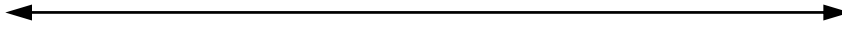
Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Buildings and Improvements	-	-	\$250,000	-	-	\$250,000
Total	-	-	\$250,000	-	-	\$250,000

Impact on Operating Budget: No anticipated impact.



Fund 123

Fire Stations and Facilities



This fund is for capital expenditure requirements such as replacing sub-standard fire stations, construction new fire stations, and remodeling of fire stations. 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.

US&R WAREHOUSE AND TRAINING CENTER IMPROVEMENTS

Project Priority: A

Org Number: TBD

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. In addition to storing US&R equipment, there are numerous offices and rooms that can be utilized for training, testing and interviewing processes that have historically taken place by renting space at other off site locations including UCI, Salvation Army and various community colleges.

However, additional improvements are necessary in order to further utilize this building. Tenant improvements to the building which include classrooms, offices and a conference room were the focus for the FY 2016/17 funding. Additional funding in FY 2017/18 and FY 2018/19 is anticipated for additional 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 and are scheduled to be completed in FY 2018/19.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Buildings and Improvements	\$200,000	\$275,000	-	-	-	\$475,000
Total	\$200,000	\$275,000	-	-	-	\$475,000

Impact on Operating Budget: Ongoing annual operational costs of \$34,698 are included in the current operating budget.

INFRASTRUCTURE SECURITY ENHANCEMENTS

Project Priority: A

Org Number: TBD

Project Type: Alteration and Improvement

Project Management: Property Management

Project Description: This project is to enhance security features at the Regional Fire Operations and Training Center (RFOTC) and (72) fire stations operating throughout the county. Suggested improvements include but are not limited to: enhanced security cameras with pan, zoom, tilt (PZT) capability, additional cameras across the OCFA campus, upgraded ID cards and readers, additional card readers at access points, additional perimeter fencing, new walls, doors and card readers in the board room, peep holes for office doors, redesigned front lobby for enhanced security of employees and public and software systems integration and cleanup.

Project Status: This project will begin in FY 2017/18 and provide funding for the completion of assorted security enhancements which will be completed by the close of FY 2018/19.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Buildings and 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 2nd year.

REPLACEMENT OF STATION 9 (MISSION VIEJO)

Project Priority: B

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 9, constructed in 1974. The station occupies about 0.6 of an acre. The project includes replacement construction of 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 is anticipated to commence in FY 2017/18. Project delivery is anticipated to be Design-Build.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Buildings and Improvements	\$500,000	\$6,000,000	-	-	-	\$6,500,000
Total	\$500,000	\$6,000,000	-	-	-	\$6,500,000

Impact on Operating Budget: No anticipated impact.

SITE STABILIZATION FIRE STATION 42 (LAKE FOREST)

Project Priority: B

Org Number: TBD

Project Type: Construction of Property and Slab

Project Management: Property Management

Project Description: This project will drill and grout the ground under Fire Station 42. This location has been eroding over the years causing settling and cracking of the driveway approach, slab and fire station. Multiple engineering studies have been performed on the property and recommendations have been provided.

Project Status: Project is anticipated to commence in FY 2018/19.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Buildings and Improvements	\$800,000	-	-	-	-	\$800,000
Total	\$800,000	-	-	-	-	\$800,000

Impact on Operating Budget: This project will stabilize the property and foundation under Fire Station 42.

RFOTC TRAINING GROUNDS PARKING LOT COMPLETION

Project Priority: B

Org Number: TBD

Project Type: Completion of Parking Lot Behind Training Grounds

Project Management: Property Management

Project Description: This project will complete the original design of the RFOTC campus and provide approximately 62 parking spots behind the training facility. The original design shows asphalt concrete, curb and gutter and drainage in the rear of the property. Once paved, this area has the potential to be able to allow for engineer training and provide additional space for operations and training.

Project Status: Project is anticipated to commence in FY 2018/19.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Buildings and Improvements	-	\$750,000	-	-	-	\$750,000
Total	-	\$750,000	-	-	-	\$750,000

Impact on Operating Budget: No anticipated impact.

UPGRADE AND REPLACEMENT OF TRAINING PROPS AT RFOTC TRAINING GROUNDS

Project Priority: B

Org Number: TBD

Project Type: Facility Enhancement, Upgrade to Training Facility

Project Management: Property Management

Project Description: This project contemplates upgrading and replacing the fire training props in the training tower. The current system is over 12 years old and since installation there have been no upgrades to the software, operating system or prop enhancement. There are much better fire simulation props on the market as well as the ability to simulate heat resulting in a more realistic training experience.

Project Status: Project is anticipated to commence in FY 2019/20.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Buildings and Improvements	-	-	\$1,000,000	-	-	\$1,000,000
Total		-	\$1,000,000	-	-	\$1,000,000

Impact on Operating Budget: No anticipated impact.

STATION 49 APPARATUS BAY FLOOR RECONSTRUCTION **(LAGUNA NIGUEL)**

Project Priority: B

Org Number: TBD

Project Type: Facility Structural Repair

Project Management: Property Management

Project Description: This project contemplates planning, design and construction of the station's apparatus bay floor. The station was built in an area that was filled in with soils prior to being built. Over the years, settling has occurred and caused concrete slab and foundation cracking that needs repair.

Project Status: Project is anticipated to commence in FY 2019/20.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Buildings and Improvements	-	-	\$1,500,000	-	-	\$1,500,000
Total	-	-	\$1,500,000	-	-	\$1,500,000

Impact on Operating Budget: No anticipated impact.

RFOTC 2ND EMERGENCY POWER GENERATOR

Project Priority: B

Org Number: TBD

Project Type: Equipment Replacement/New Technology

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.

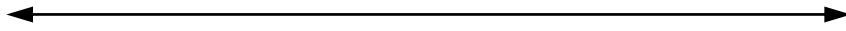
Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
Project Cost						
Special department expense	-	-	-	-	\$500,000	\$500,000
Total	-	-	-	-	\$500,000	\$500,000

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 used for the replacement of specialized fire communications equipment and information systems. 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 & I 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. Partnership costs will be shared proportionately among all participating agencies in the CCCS, but individual agencies will be responsible for purchasing radios and dispatch consoles.

OCFA budgeted \$7,540,000 in Fund 124 FY 2016/17 to purchase and install 1,555 encrypted, P25 capable 800MHz portable, mobile, and base station 800MHz radios. These radios were purchased in December 2016 and after programming by OCSD is complete, staff will begin deploying the radios to Operations personnel and installing in OCFA emergency vehicles in summer 2017.

OCFA Fund 124 estimated costs of \$3,539,250 will occur in FY 2018/19 per a revised implementation schedule from OCSD to upgrade the ECC's 18 Dispatcher console positions.

Project Status: Phase - 1 complete; Phases 2 - 4 in implementation stage now.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Special Department 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 27 year old 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: Staff negotiations with several RMS vendors were abandoned after the core team determined OCFA functional requirements could not be met. Staff proposed to Executive management to upgrade the existing RMS applications including IFP, the databases and user interfaces using a combination of Commercial Off The Shelf (COTS) Microsoft technology and custom developed software tools that would meet the requirements of the Operations and Community Risk Reduction departments. Existing IFP system architecture would be updated with current database technology and an emphasis on improving the user experience through updated user interfaces, the latest internet browser-based technology, and optimized to work in mobile computing environments. Preliminary estimates for replacement cost of IFP is approximately \$2.7 million dollars with the majority of funds used to purchase supplemental or 'surge' professional services necessary for software development and project management. The majority of funds for the core RMS including IFP were re-budgeted across three years as staff continue to develop the replacement strategy. Community Risk Reduction fees include funding for this project. This budgetary amount is a preliminary estimate and may need revision as requirements are developed.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Equipment, Software, Professional Services	\$905,117	\$905,117	\$905,117	-	-	\$2,715,351
Total	\$905,117	\$905,117	\$905,117	-	-	\$2,715,351

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 maint costs of approximately \$48,000.

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 System (iCMS), as well as implement Electronic Plans Review (EPR) and Prefire Management Geographic Information Systems (GIS) tools for inspections and wildland management activities. These systems are components of the 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 27 year old 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: Negotiations with several RMS vendors were abandoned after the core team determined functional requirements could not be met. Staff proposed to Executive management to upgrade the existing RMS applications, databases and user interfaces using a combination of Commercial Off The Shelf (COTS) Microsoft technology and custom developed software tools that would meet the requirements of the Operations (OPS) and Community Risk Reduction (CRR) departments. Existing RMS systems architecture would be updated with current database technology and emphasize improving the user experience through updated user interfaces, the latest internet browser-based technology, and optimized to work in mobile computing environments. Preliminary estimates for replacing the RMS including OCFIRS, iCMS, EPR and Prefire Management GIS tools is approximately \$800,000 dollars. The majority of funds used will purchase supplemental or 'surge' professional services necessary for software development and project management. This budgetary amount is a preliminary estimate and may need revision as requirements are developed. The funds for the core RMS were re-budgeted across two years as Staff continues to develop the replacement strategy.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Equipment, Software, Professional Services	\$400,000	\$400,000	-	-	-	\$800,000
Total	\$400,000	\$400,000	-	-	-	\$800,000

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 maint costs of approximately \$73,000.

NEXT GENERATION CAD2CAD

Project Priority: A

Org Number: P347

Project Type: Application Replacement

Project Management: IT – Systems Development & Support

Project Description: This item is to upgrade the existing regional CAD2CAD system.

The OCFA maintains a regional CAD2CAD system that integrates all of the County Fire dispatch centers including OCFA, MetroNet, Costa Mesa, Laguna Beach, and the EMS agencies. It functions as an intelligent ‘hub’ that connects the Fire dispatch centers, translates business rules, processes dispatch requests, mutual aid, status updates, Automatic Vehicle Location (AVL), and tracks every unit and incident between all of the Fire and EMS CAD systems.

The CAD2CAD has been operational since 2011 and was built on the Regional AVL system that was installed in 2008. It has reached the end of its generation of technology and needs to be updated to the next generation of technology that will support features like multi-threading, direct connection of AVL with each of the CAD systems, and increase the speed of processing transactions. An additional function desired is the ability to add additional agencies including Law Enforcement to the regional CAD2CAD to improve situational awareness.

The ongoing maintenance of the CAD system is cost-shared proportionately with the other dispatch centers in the county. This proposal will pay to upgrade the CAD2CAD system and pay for OCFA’s costs to integrate the OCFA TriTech CAD system to the new CAD2CAD ‘hub’. Partner agencies will need to pay their own CAD integration costs as needed.

Project Status: This project is anticipated to commence in FY 2017/18.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$450,000	-	-	-	-	\$450,000
Total	\$450,000	-	-	-	-	\$450,000

Impact on Operating Budget: Application Maintenance/License Costs are expected to be 20% - 25% of the new software costs, or \$90,000 annually.

RFOTC DATA CENTER FIRE SUPPRESSION SYSTEM UPGRADE

Project Priority: A

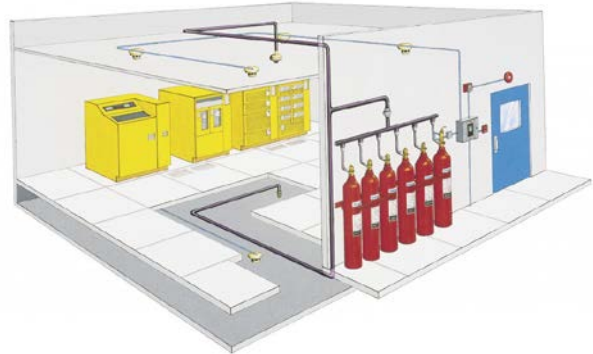
Org Number: TBD

Project Type: Equipment Replacement/New Technology

Project Management: IT – Communications & IT Infrastructure

Project Description: This item is to modify and upgrade the RFOTC Data Center fire suppression system with a ‘clean agent’ suppressant capability.

The current RFOTC Data Center fire suppression system uses a pre-action water sprinkler system. While this is the standard for structure protection, if there were a discharge of water into the Data Center, it could result in a catastrophic loss of computers, telephone, and radio systems, and other key equipment.



This project proposes to augment the current fire suppression system with a ‘clean agent’ fire suppressant that works by removing heat from the fire. It also leaves little residue if there is a discharge of the system, and can prevent a fire from becoming serious enough that the water sprinklers would activate. With both systems in use, protection of the OCFA’s critical data and computer, telephone, and radio systems is significantly enhanced.

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

Project Status: Project is moved up to occur in FY 2017/18.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	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: Unknown at this time. As the project is developed, ongoing support costs for the ‘clean agent’ system will be determined.

MOBILE CAD APPLICATION DEVELOPMENT

Project Priority: A

Org Number: TBD

Project Type: Application Replacement

Project Management: IT – Systems Development & Support

Project Description: This item is to develop a new mobile version of the Computer Assisted Dispatch (CAD) system application to run on ruggedized Apple iPad Computer tablets.

The computer environment in emergency apparatus is rapidly transitioning from single-purpose Microsoft Windows Operating Systems computers, like the current Mobile Data Computers (MDC) to multipurpose, mobile capable, ruggedized computer tablets that can run numerous computer applications (apps). In January 2017, 175 new iPads were deployed to Operations personnel to use for the new Electronic Prehospital Care Reports (ePCRs). More applications are being developed to run on the iPad tablet. Staff plans to replace all existing MDCs with ruggedized Apple iPad ruggedized tablets in two to three years.



The current mobile CAD app works only on Windows Operating System computers and staff is working on initial software development to run the mobile CAD app on ruggedized Apple iPads. Staff has had experience developing other computer apps to work on Apple iOS devices like iPhones and iPads. This project would be significantly more complex and would require temporarily hiring contract iOS software developers to partner with OCFA staff to develop a new iPad based Mobile CAD app.

Project Status: This project will begin development in FY 2018/19.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Equipment	-	\$250,000	-	-	-	\$250,000
Total	-	\$250,000	-	-	-	\$250,000

Impact on Operating Budget: Application Maintenance/License Costs are expected to minimal as the Mobile CAD application will be wholly developed and owned by OCFA. There may be additional annual maintenance cost savings by eliminating current mobile CAD licenses used for the Microsoft Windows Computers.

RFOTC ECC VIDEO WALL

Project Priority: B

Org Number: TBD

Project Type: Equipment Replacement/New Technology

Project Management: IT – Communications & IT Infrastructure

Project Description: This project is to replace the current three large screen television monitors used in the 9-1-1 Emergency Command Center (ECC) with a “Video Wall” that would include multiple large format video displays “stitched” together to display multiple content sources including:

- Television (network and cable) content streaming
- CAD mapping and displays
- Internal video streaming
- Weather/waterway cameras
- Traffic/freeway cameras
- Facility and security cameras
- Helicopter video streaming
- Computer systems displays
- Video feeds from Operations personnel and apparatus
- Internet sites and other content
- Other video streaming



The “Video Wall” can enhance situational awareness for 9-1-1 dispatchers and Command staff by displaying a wide variety of content important to Public Safety operations.

Project Status: This project estimated to begin in FY 2019/20.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
Project Cost						
Special department expense	-	-	\$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.

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 is anticipated to commence in FY 2019/20.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	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.

OCFA DISASTER RECOVERY CO-LOCATION FACILITY

Project Priority: B

Org Number: TBD

Project Type: New Technology

Project Management: IT – Communications & IT Infrastructure

Project Description: This item is to develop a Disaster Recovery (DR) co-location facility to store and replicate critical OCFA business and public safety systems data in order to maintain continuity of operations in an extended emergency scenario.

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 OCFA systems as needed. What the OCFA does not have is a ‘mirror’ location where critical business, financial, and public safety systems and data are replicated in a secure environment, available 24/7 and which can be utilized in the case of a major event where the OCFA data center was offline for an extended period of time, or destroyed.



Disaster Recovery 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 public safety answering points.

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

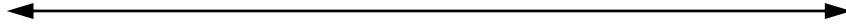
Project Status: Project is to occur in FY 2017/18.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	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: Unknown at this time. It is likely that there will be substantial additional software licensing, data lines, and facilities fees to replicate key OCFA systems.

Fund 133

Fire Apparatus



This fund is used for the planned replacement of fire apparatus and vehicles. 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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Year Total
EMERGENCY VEHICLES								
Air Utility								
5255	Air Utility	Operations	-	\$483,084	-	-	-	\$483,084
5415	Air Utility	Operations	-	-	-	-	527,878	527,878
Ambulance								
TBD	Ambulance	Operations	-	157,559	-	-	-	157,559
Battalion Chief Command								
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	-	-	-	-	107,675	107,675
2189	BC Command Vehicle	Operations	-	-	-	-	107,675	107,675
2190	BC Command Vehicle	Operations	-	-	-	-	107,675	107,675
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 Tractor								
FTR3	Dozer Transport Tractor	Operations	100,000	-	-	-	-	100,000
5063	Dozer Transport Tractor	Operations	-	206,209	-	-	-	206,209
Dozer Transport Trailer								
6146	Dozer Transport Trailer	Operations	-	-	-	-	69,538	69,538
Engine - Type 1								
5205	Engine - Type I	Operations	611,270	-	-	-	-	611,270
5206	Engine - Type I	Operations	611,270	-	-	-	-	611,270
5209	Engine - Type I	Operations	611,270	-	-	-	-	611,270
5204	Engine - Type I	Operations	611,270	-	-	-	-	611,270
5218	Engine - Type I	Operations	611,270	-	-	-	-	611,270
5247	Engine - Type I	Operations	611,270	-	-	-	-	611,270
5246	Engine - Type I	Operations	611,270	-	-	-	-	611,270
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

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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Year Total
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
Engine - Type III								
New	Engine - Type III	Operations	480,000	-	-	-	-	480,000
New	Engine - Type III	Operations	480,000	-	-	-	-	480,000
New	Engine - Type III	Operations	480,000	-	-	-	-	480,000
Full-Size 4-Door								
2370	Full-Size 4-Door 4x4	Operations	57,004	-	-	-	-	57,004
2374	Full-Size 4-Door 4x4	Operations	57,004	-	-	-	-	57,004
2366	Full-Size 4-Door 4x4	Operations	57,004	-	-	-	-	57,004
2106	Full-Size 4-Door 4x4	Operations	57,004	-	-	-	-	57,004
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
Grader								
7208	Grader	Operations	-	275,209	-	-	-	275,209
Mid-Size 4-Door								
2371	Mid-Size 4-Door	Operations	42,923	-	-	-	-	42,923
2372	Mid-Size 4-Door	Operations	42,923	-	-	-	-	42,923
Pick-Up Utility 3/4 Ton								
3201	Pick-Up Utility 3/4 Ton	Operations	45,680	-	-	-	-	45,680
3202	Pick-Up Utility 3/4 Ton	Operations	45,680	-	-	-	-	45,680
3205	Pick-Up Utility 3/4 Ton	Operations	45,680	-	-	-	-	45,680
3207	Pick-Up Utility 3/4 Ton	Operations	45,680	-	-	-	-	45,680
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
Water Tender								
5421	Water Tender	Operations	346,000	-	-	-	-	346,000
5425	Water Tender	Operations	346,000	-	-	-	-	346,000
Mobile 911 Emergency Command Center								
TBD	Mobile 911 ECC	Operations	-	-	2,000,000	-	-	2,000,000
Total Emergency Vehicles			7,007,472	5,397,234	5,890,976	4,007,700	2,384,056	24,687,438

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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Year Total
DEVELOPER FUNDED VEHICLES								
Engine - Type1								
Station 67	Engine - Type 1	Operations	-	751,496	-	-	-	751,496
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	-	-	2,791,260
SUPPORT VEHICLES								
Fuel Tender								
5313	Fleet Services		-	171,000	-	-	-	171,000
Hook-Truck/Stakeside								
5388	Hook Truck/Dump Truck	Service Center	149,350	-	-	-	-	149,350
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
Mid-Size Pickup - 1/2 Ton								
2263	Mid-Size Pickup - 1/2 Ton	CRR	33,042	-	-	-	-	33,042
2301	Mid-Size Pickup - 1/2 Ton	CRR	33,042	-	-	-	-	33,042
2302	Mid-Size Pickup - 1/2 Ton	CRR	33,042	-	-	-	-	33,042
2303	Mid-Size Pickup - 1/2 Ton	CRR	33,042	-	-	-	-	33,042
2262	Mid-Size Pickup - 1/2 Ton	EMS	33,042	-	-	-	-	33,042
3009	Mid-Size Pickup - 1/2 Ton	EMS	33,042	-	-	-	-	33,042
3110	Mid-Size Pickup - 1/2 Ton	EMS	33,042	-	-	-	-	33,042
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	CRR	-	34,033	-	-	-	34,033
2230	Mid-Size Pickup - 1/2 Ton	EMS	-	34,033	-	-	-	34,033
2267	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
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

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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Year Total
Pickup General 3/4 Ton								
3206	Pickup General - 3/4 Ton	Service Center	46,140	-	-	-	-	46,140
TBD	Pickup General - 3/4 Ton	Property Mgt.	46,140	-	-	-	-	46,140
TBD	Pickup General - 3/4 Ton	Property Mgt.	46,140	-	-	-	-	46,140
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
Total Support Vehicles			519,064	765,138	105,159	108,312	283,984	1,781,657
TOTAL VEHICLES			\$7,526,536	\$7,178,949	\$7,770,818	\$4,116,012	\$2,668,040	\$29,260,355

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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	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.



AMBULANCE

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The ambulances are used to transport injured or sick persons to the closest receiving hospital. This project is for the replacement of one ambulance 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 ambulances are four 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 2018/19.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	\$157,559	-	-	-	\$157,559
Total	-	\$157,559	-	-	-	\$157,559

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and 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 seven command vehicles one in FY 2018/19 and six 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 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 and FY 2021/22.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	\$98,503	-	-	\$646,050	\$744,553
Total	-	\$98,503	-	-	\$646,050	\$744,553

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. 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: Purchase to occur in FY 2018/19.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
Project Cost						
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 Tractor

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The dozer transport tractor is designed for hauling heavy equipment, specifically bull dozers. This project is for the replacement of one dozer transport tractor with one *used* dozer transport in FY 2017/18, and replacement of one dozer transport tractor with one new dozer transport tractor 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 dozer transport tractors 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 2017/18 and FY 2018/19.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$100,00	\$206,209	-	-	-	\$306,209
Total	\$100,00	\$206,209	-	-	-	\$306,209

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces 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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	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 I

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The Type I engine carries hose, water, and a pump used primarily for structure fires. Most fire stations contain one or more of these units. This project is for the replacement of 26 Type I engines as follows: seven in FY 2017/18, six in FY 2018/19, six in FY 2019/20, six in FY 2020/21 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 Type I engines are 13 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur annually.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$4,278,890	\$3,777,648	\$3,890,976	\$4,007,700	\$687,998	\$16,643,212
Total	\$4,278,890	\$3,777,648	\$3,890,976	\$4,007,700	\$687,998	\$16,643,212

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



Type III Engines

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The Type III engine carries hose, water and a skid mounted pump giving the apparatus the capability to pump while driving. The unit's primary objective is for off-road wildland firefighting and rescue operations. These engines are smaller by design to maneuver on truck trails and rural areas. This project is for the addition of three Type III engines in FY 2017/18



The purchase of these three Type III engines has been deferred for four years. With the purchase of these three apparatus it will give Operations the ability to send two wildland strike teams out of county on mutual aid situations and still have one strike team in the county for extreme weather conditions to protect the wildland interface areas.

Project Status: Purchase to occur in FY 2017/18.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$1,440,000	-	-	-	-	\$1,440,000
Total	\$1,440,000	-	-	-	-	\$1,440,000

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces 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 replacement of four full-size 4-door vehicles scheduled in FY 2017/18.



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 2017/18.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5- Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$228,016	-	-	-	-	\$228,016
Total	\$228,016	-	-	-	-	\$228,016

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Full-Size 4-Door Exec Mgmt.

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 at large scale events. This project is for the replacement of three full-size 4-door vehicles scheduled 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 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.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5- Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	-	-	-	\$200,592	\$200,592
Total	-	-	-	-	\$200,592	\$200,592

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Grader

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The Grader, also known as a motor grader, is utilized to create and maintain rural roads throughout the unincorporated areas or Orange County and the Cleveland National Forest. The grader is also utilized to assist in Pre-Fire Management operations. Purchase will be 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 projection for the replacement of this vehicle is based on age. The age target for compact track loaders is 20 years. However, the service and repair costs 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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	\$275,209	-	-	-	\$275,209
Total	-	\$275,209	-	-	-	\$275,209

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces 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 investigations staff in a variety of investigations 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 two mid-size 4-door vehicles in FY 2017/18.

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 2017/18.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$85,846	-	-	-	-	\$85,846
Total	\$85,846	-	-	-	-	\$85,846

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces 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 nine pickup utility – ¾ ton vehicles, four in FY 2017/18 and five 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 2017/18 and FY 2018/19.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$182,720	\$235,250	-	-	-	\$417,970
Total	\$182,720	\$235,250	-	-	-	\$417,970

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. These 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: Purchase to occur in FY 2021/22.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
Project Cost						
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.

Water Tender

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The tactical water tender carries 1,800 gallons of water, a light hose complement and can pump while being driven. The unit's primary objective is for off-road wildland firefighting as a portable water source to replenish type 3 apparatus during pumping operations. These units can also be standalone units during the mop-up on wildland fires. This project is for the replacement of two water tenders in FY 2017/18



The age and mileage targets to replace Water Tenders is 20 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchase to occur in FY 2017/18.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$692,000	-	-	-	-	\$692,000
Total	\$692,000	-	-	-	-	\$692,000

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

MOBILE 911 EMERGENCY COMMAND CENTER

Project Priority: B

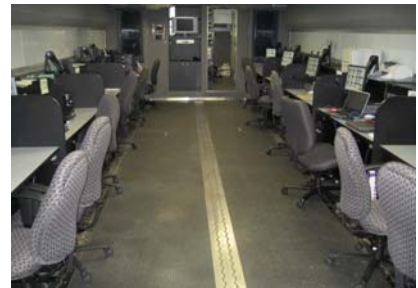
Project Type: New Vehicle

Project Management: Fleet Services Manager

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 15 years.

Project Status: Purchase to occur in FY 2019/20.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	-	\$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 I/ DEVELOPER FUNDED

Project Priority: A

Project Type: New Vehicle

Project Management: Fleet Services Manager

Project Description: The Type I engine carries hose, water, and a pump used primarily for structure fires. Most fire stations contain one or more of these units. This 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 one Type I engine in FY 2018/19 for station 67 (Rancho Mission Viejo).

Project Status: Purchase to occur in FY 2018/19.



Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-YR. Total
<i>Project Cost</i>						
Vehicles (Emergency)	-	\$751,496	-	-	-	\$751,496
Total	-	\$751,496	-	-	-	\$751,496

Impact on Operating Budget: The addition of a Type I 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.

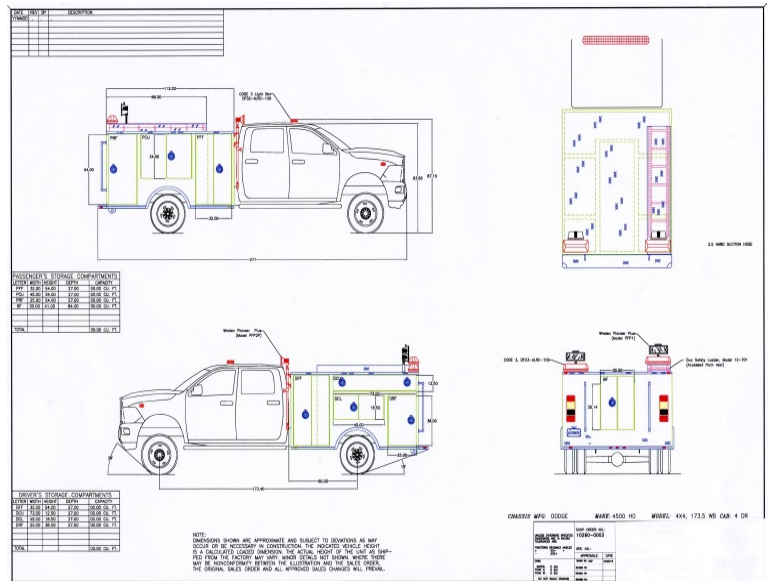
PARAMEDIC SQUAD-DEVELOPER FUNDED

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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
Project Cost						
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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	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 emergency 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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
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.



Hook Truck- Dump Truck

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The hook truck concept has a variety of applications i.e., dump truck, flat bed, or brush chipper container. This chassis can be used for different sections as needed eliminating vehicles from sitting stagnant for long periods of time. Purchase will be in FY 2017/18.



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 projection for the replacement of this vehicle is based on age. The age target for compact track loaders is 20 years. However, the service and repair costs will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchase to occur in FY 2017/18.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)	\$149,350	-	-	-	-	\$149,350
Total	\$149,350	-	-	-	-	\$149,350

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces 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 two 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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)	-	\$77,600	-	-	-	\$77,600
Total	-	\$77,600	-	-	-	\$77,600

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

MID-SIZE PICKUP-1/2 TON VEHICLES

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: These vehicles are primarily used by the Fire Prevention, Property Management, Nurse Educators, and Community Education sections to conduct off-site inspections and conduct education. This project is for the replacement of sixteen mid-size pickup-1/2 ton vehicles, and the addition of seven mid-size pick-up 1/2 ton for our nurse educators. Seven in FY 2017/18, eight in FY 2018/19, three in FY 2019/20, three in FY 2020/21, and two in FY 2021/22.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for mid-size pickup–1/2 ton vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur annually.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)	\$231,294	\$272,264	\$105,159	\$108,312	\$77,984	\$795,013
Total	\$231,294	\$272,264	\$105,159	\$108,312	\$77,984	\$795,013

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.

Pickup General – 3/4 Ton Vehicles

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: These units are utilized by sections that need adequate cargo space. This project is for the replacement of three pickup general – 3/4 ton vehicles in FY 2017/18

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 general – 3/4 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: Purchase to occur in FY 2017/18.

Description	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)	\$138,420	-	-	-	-	\$138,420
Total	\$138,420	-	-	-	-	\$138,420

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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	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 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	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.





Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
May 25, 2017

Agenda Item No. 5A
Discussion Calendar

Review of Request for Stanford Study

Contact(s) for Further Information

Lori Zeller, Assistant Chief
Business Services Department

lorizeller@ocfa.org

714.573.6020

Summary

This item follows-up on former OCFA Director Barnett's (Villa Park) request for the Board of Directors to take action to facilitate a study that would be performed by Joe Nation, a Professor at Stanford Institute for Economic Policy Research (Stanford Study), as further described herein.

Prior Board/Committee Action

Pension Ad Hoc Committee Recommendation: *DECLINE REQUEST*

At its September 22, 2016, meeting, the Board of Directors took action to form a Pension Ad Hoc Committee. The Board assigned the Committee the task to review Director Barnett's request for a Stanford Study and make a recommendation to the Board regarding whether or not to pursue the Study. The Committee engaged in discussions of the actuarial extract that would be needed from OCERS and evaluated any need or benefit to be derived from the proposed Stanford Study. In summary, the Pension Ad Hoc Committee did not find that performance of a Stanford Study would serve a beneficial purpose for OCFA, and therefore, recommends the OCFA not pursue the Study.

RECOMMENDED ACTION(S)

Decline the request for OCFA to take action to facilitate a Stanford Study.

Impact to Cities/County

Not Applicable.

Fiscal Impact

Not Applicable.

Background

Per Director Barnett's request, the stated purpose of the Stanford Study was to "estimate OCFA's actual pension obligation and future retirement contribution rates." Specifically, Director Barnett requested the Board to submit a request to the Orange County Employees Retirement System (OCERS) to program an OCFA actuarial data extract from its information system for provision of the data to Joe Nation. The data request included the following:

"Anonymized individual records for each employee, retired annuitant, and separated participant (and spouses), including associated benefit plan and any additional benefits provided by OCFA, years of service, gender, age, and salary for the last 1-3 years to calculate final pensionable pay."

OCFA's pension liability and future contribution rates are already calculated annually by OCERS' actuary (Segal Consulting) on behalf of all employers participating in OCERS. OCFA staff contacted OCERS to determine if the OCFA-specific report requested by Director Barnett was available; they indicated that such a report did not exist. OCERS possesses the requested data within its database, but it is combined with data for all employers that participate in OCERS. As a result of the combined database, a special query would have to be programmed to extract the requested information for only OCFA participants at a cost.

Pension Ad Hoc Committee – Actions, Findings, and Recommendations

The Pension Ad Hoc Committee's initial discussion of the Stanford Study resulted in a request for staff to talk with OCERS to informally estimate the cost that would be charged for programming the data extract. OCERS informed staff that the cost would depend on the level of customization that OCFA might request. If the requested data fields already exist, the cost on the low end was estimated at \$4,000 for a basic extract of OCFA data only. If significant customization is requested, then the cost on the high end was estimated at \$16,000.

Recognizing that the cost would not be the deciding factor on whether or not to pursue the Stanford Study, the Pension Ad Hoc Committee further discussed the need and purpose for the report, and came to the following conclusions:

Is there a need?

- **The OCFA already receives two actuarial reports each year:** The two reports are prepared by Segal Consulting, an independent actuary. One report is prepared for funding pension benefits and the other is prepared for annual financial statement reporting. The two reports produce two different results in quantifying OCFA's pension liability, due to the use of differing input assumptions, as further described below.
- **Annual Actuarial Report for Funding:** The actuarial report prepared for funding pension benefits uses assumptions adopted by the OCERS Board, which must be consistent with professional actuarial standards. The OCERS Board is the governing body with the statutory authority for adopting policies and actuarial assumptions to fund pension benefits.
- **Annual Actuarial Report for Financial Statements:** The actuarial report for financial statement reporting uses standards required by the Governmental Accounting Standards Board (GASB) for uniform reporting use by all governmental agencies.
- **Comparability:** The two reports listed above are prepared uniformly for all employers participating in OCERS, using the same input assumptions for all employers. Therefore, the results can be used to compare the extent of OCFA's unfunded pension liability, compared to others participating in OCERS. Likewise, the progress that OCFA is making in funding its pension liability can be compared to progress of other participants for assessment of any abnormalities.

Is there a benefit?

- **Disparate pension numbers produced for the OCFA only would not be beneficial:** Disparate pension liability numbers produced for OCFA only by a separate Stanford Study, using more conservative assumptions than those used for other OCERS participants, would not be beneficial for OCFA, and could in fact be misleading. If more conservative assumptions are to be used, then they should be used to study all OCERS participants in order to avoid disparate comparisons.

- **OCERS has historically used more conservative assumptions than other systems:** In 2013, the OCERS Board voted to move to a 7.25% earnings assumption rate, while the Public Employees Retirement System (PERS) remained at 7.50% until recently, when it voted in December 2016 to phase-in a reduction over three years to 7.0%. Further, OCERS Investment Policy has also been more conservative, resulting in smaller losses than other systems when the markets become unstable.
- **OCFA already has an aggressive Snowball Plan in place for funding its pension liability:** Regardless of assumptions used, OCFA is already taking methodical steps to fund its pension benefits, paying much more in a voluntary/accelerated manner than the amounts required by OCERS. Furthermore, in the four fiscal years that have lapsed since the Snowball Plan was adopted, OCFA has exceeded the voluntary payment amounts originally intended per the Plan. In other words, OCFA has shown consistent discipline to continue accelerating the Snowball Plan.

In summary, the Pension Ad Hoc Committee did not find that performance of a Stanford Study would serve a beneficial purpose for OCFA, and therefore, recommends OCFA not pursue the Study.

Attachment(s)

None.



Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
May 25, 2017

Agenda Item No. 5B
Discussion Calendar

Professional Labor Negotiation Services

Contact(s) for Further Information

Lori Zeller, Assistant Chief
Business Services Department

lorizeller@ocfa.org

714.573.6020

Summary

This item is submitted for approval of a renewed contract for Professional Labor Negotiation Services with Peter Brown of Liebert Cassidy Whitmore (LCW).

Prior Board/Committee Action

Labor Negotiator Ad Hoc Committee Recommendation: *APPROVE OPTION 1*

Executive Committee Recommendation: *APPROVE w/MODIFIED TERMS*

In September 2016, as labor Memorandum of Understanding (MOU) negotiations with the Firefighter unit were concluding, Director Spitzer requested that the Labor Negotiator Ad Hoc Committee reconvene to discuss potential billing terms with Mr. Brown for a future renewed contract. The Ad Hoc Committee met on March 23, 2017, and recommended a contract renewal (Option 1) as outlined below.

On April 27, 2017, the Executive Committee reviewed the agenda item and voted 4-yes, 2-no, 1-abstention to approve a contract with modified billing terms from those that had been offered by LCW. The modified terms included the hourly billing rate offered under Option 1, combined with travel billing terms offered under Option 2. Since these modifications had not been approved by LCW, the Executive Committee directed staff to discuss the terms with Mr. Brown of LCW for concurrence. Subsequent to the meeting, Mr. Brown informed staff that he does not concur with the modified terms; however, he stands behind the options originally offered, as described below.

RECOMMENDED ACTION(S)

Approve the Professional Services Agreement (Option 1) with Peter Brown, Liebert Cassidy Whitmore, for professional labor negotiation services for a three year term (July 1, 2017, to June 30, 2020), at an annual amount not to exceed \$100,000.

Impact to Cities/County

Not Applicable.

Fiscal Impact

Funds are budgeted annually at \$100,000 per year for ongoing labor negotiation services.

Background

In December 2013, the Board of Directors appointed Peter Brown of Liebert Cassidy Whitmore to serve as OCFA's professional labor negotiator. Since 2013, Mr. Brown has successfully negotiated the following MOUs with the Fire Authority's four labor groups:

- One-year MOU (Nov. 2014 - Oct. 2015) with the Orange County Professional Firefighters Association (OCPFA)
- Three-year MOU (Dec. 2014 - Dec. 2017) with the Orange County Employees Association (OCEA)
- Three-year MOU (June 2015 - June 2018) with the OCFA Management Association (OCFAMA)
- Four-year MOU (July 2016 - June 2020) with the OCFA Chief Officers' Association (COA)
- Four-year MOU (Sept. 2016 – Aug. 2020) with OCPFA
- Five-year Firefighter Healthcare Agreement (2017 – 2021) with OCPFA

Staff met with the Labor Negotiator Ad Hoc Committee on March 23, 2017, to discuss potential terms with Mr. Brown/LCW for contract renewal, in particular, billing terms related to travel time. Mr. Brown offered options 1 and 2 to OCFA for a renewed contract:

Option 1: Hourly rate of \$350, billed for hours spent performing work for the client, as well as hours spent traveling to/from client meetings *only when* the travel time is not otherwise billable for other work purposes. Billing for travel time is excluded when the time spent traveling was utilized for other purposes, such as:

- Travel time is already being incurred to meet with other clients in the area
- Travel time was spent on phone calls or dictating notes on behalf of clients

Option 2: Hourly rate of \$425, billed only for hours spent performing work for the client, and excluding all travel time

Option 3: On May 11, 2017, Mr. Brown offered the following as a third option:

Contract with LCW for a choice of negotiators including Mr. Brown, various Associates, and Labor Relations Director Kristi Recchia, who is a non-attorney labor negotiator who lives locally and has a billing rate of \$230 per hour. Ms. Recchia would not charge for travel. If OCFA choose to use Ms. Recchia, Mr. Brown will be available for on-site or conference call consultation at a rate of \$425 per hour.

Staff analyzed past activity billed by LCW to OCFA, comparing costs under option 1 and 2 now being offered to OCFA for a new contract. Option 3 was not costed out due to lack of history on what the mix of negotiations would be. Results are shown below indicating that costs which would be billed to OCFA under both options are similar; however, the costs under Option 1 are slightly lower. Option 1 was recommended for approval by the Labor Negotiator Ad Hoc Committee, and a hybrid of Options 1 and 2 was recommended by the Executive Committee; however, the hybrid was not agreed by LCW.

Dates of Service	Billed Travel Hours	Billed Work Hours	Combined Hours	<u>Billing Option 1</u> \$350 x Combined Hours	<u>Billing Option 2</u> \$425 x Work Hours
July – Dec 2014	37.30	162.80	200.10	\$70,035.00	\$69,190.00
Jan – June 2015	33.00	139.60	172.60	\$60,410.75	\$59,330.21
July – Dec 2015	24.10	137.79	161.89	\$56,661.50	\$58,560.75
Jan – June 2016	41.20	220.43	261.63	\$91,570.50	\$93,682.75
July – Dec 2016	12.10	95.70	107.80	\$37,730.00	\$40,672.50
Totals	147.70	756.32	904.02	\$316,407.17	\$321,436.21

Selection of Special Counsel is typically completed by the Board of Directors, while contract increases/extensions for Special Counsel have been completed by the Executive Committee. In the event we don't identify agreeable terms for renewal of this contract for Special Counsel/Labor Negotiator, then staff's next step will be to complete a Request for Proposal (RFP) process to identify an alternative firm for Labor Negotiator services. The RFP is ready for issuance, should that be the direction from the Board.

Attachment(s)

Proposed Professional Services Agreement (Recommended Option 1)

**ORANGE COUNTY FIRE AUTHORITY
PROFESSIONAL SERVICES AGREEMENT**

THIS AGREEMENT FOR PROFESSIONAL SERVICES ("Agreement") is made and entered into this 27th day of April, 2017, by and between the Orange County Fire Authority, a public agency, hereinafter referred to as "OCFA", and Liebert Cassidy Whitmore, hereinafter referred to as "Firm".

RECITALS

WHEREAS, OCFA requires the services of a firm to provide labor negotiation services, hereinafter referred to as "Project"; and

WHEREAS, Firm has submitted to OCFA a proposal dated April 11, 2017, a copy of which is attached hereto as Exhibit "A" and is incorporated herein by this reference; and

WHEREAS, based on its experience and reputation, Firm is qualified to provide the necessary services for the Project and desires to provide such services; and

WHEREAS, OCFA desires to retain the services of Firm for the Project.

NOW, THEREFORE, in consideration of the promises and mutual agreements contained herein, OCFA agrees to employ and does hereby employ Firm and Firm agrees to provide professional services as follows:

AGREEMENT

1. PROFESSIONAL SERVICES

1.1 Scope of Services.

In compliance with all terms and conditions of this Agreement, Firm shall provide those services specified in the "Proposal" attached hereto as Exhibit "A." Firm warrants that all services shall be performed in a competent, professional and satisfactory manner in accordance with all standards prevalent in the same profession in the State of California. Firm represents and warrants that it and all employees, subconsultants and subcontractors providing any services pursuant to this Agreement shall have a sufficient skill and experience to perform the Project services. All Project services shall be completed to the reasonable satisfaction of the OCFA. In the event of any inconsistency between the terms contained in Exhibit "A" and the terms set forth in the main body of this Agreement, the terms set forth in the main body of this Agreement shall govern.

1.2 Compliance with Law.

All services rendered hereunder shall be provided in accordance with all laws, ordinances, resolutions, statutes, rules, and regulations of OCFA and any federal, state or local governmental agency of competent jurisdiction.

1.3 Licenses and Permits.

Firm shall obtain at its sole cost and expense such licenses, permits and approvals as may be required by law for the performance of the services required by this Agreement.

1.4 Familiarity with Work.

By executing this Agreement, Firm warrants that Firm (a) has thoroughly investigated and considered the work to be performed, (b) has investigated the site of the work and become fully acquainted with the conditions there existing, (c) has carefully considered how the work should be performed, and (d) fully understands the facilities, difficulties and restrictions attending performance of the work under this Agreement. Should the Firm discover any latent or unknown conditions materially differing from those inherent in the work or as represented by OCFA, Firm shall immediately inform OCFA of such fact and shall not proceed with any work except at Firm's risk until written instructions are received from the Contract Officer.

1.5 Care of Work.

Firm shall adopt and follow reasonable procedures and methods during the term of the Agreement to prevent loss or damage to materials, papers or other components of the work, and shall be responsible for all such damage until acceptance of the work by OCFA, except such loss or damages as may be caused by OCFA's own negligence.

2. TIME FOR COMPLETION

The time for completion of the services to be performed by Firm is an essential condition of this Agreement. Firm shall prosecute regularly and diligently the work of this Agreement according to the schedules set forth in Firm's proposal. Firm shall not be accountable for delays in the progress of its work caused by any condition beyond its control and without the fault or negligence of Firm. Delays shall not entitle Firm to any additional compensation regardless of the party responsible for the delay.

3. COMPENSATION OF FIRM

3.1 Compensation of Firm.

For the services rendered pursuant to this Agreement, Firm shall be compensated and reimbursed, in accordance with the terms set forth in Exhibit "A," in an amount not to exceed \$100,000, except as otherwise approved in writing. Compensation shall be at an hourly rate of \$350 for Peter Brown (Partner), hourly rate of \$305 for Senior Counsel and between \$200 and \$285 per hour for support work performed by associates, as described in Exhibit "A".

3.2 Method of Payment.

In any month in which Firm wishes to receive payment, Firm shall no later than the first working day of such month, submit to OCFA in the form approved by OCFA's Director of Finance, an invoice for services rendered prior to the date of the invoice. OCFA shall pay Firm for all expenses stated thereon which are approved by OCFA consistent with this Agreement, within thirty (30) days of receipt of Firm's invoice.

3.3 Changes.

In the event any change or changes in the work is requested by OCFA, the parties hereto shall execute an addendum to this Agreement, setting forth with particularity all terms of such addendum, including, but not limited to, any additional fees. Addenda may be entered into:

A. To provide for revisions or modifications to documents or other work product or work when documents or other work product or work is required by the enactment or revision of law subsequent to the preparation of any documents, other work product or work;

B. To provide for additional services not included in this Agreement or not customarily furnished in accordance with generally accepted practice in Firm's profession.

3.4 Appropriations.

This Agreement is subject to and contingent upon funds being appropriated therefore by the OCFA Board of Directors for each fiscal year covered by the Agreement. If such appropriations are not made, this Agreement shall automatically terminate without penalty to OCFA.

4. PERFORMANCE SCHEDULE

4.1 Time of Essence.

Time is of the essence in the performance of this Agreement.

4.2 Schedule of Performance.

All services rendered pursuant to this Agreement are anticipated to be performed within the period of July 1, 2017 through June 30, 2020. The extension of any time period must be approved in writing by the Contract Officer.

4.3 Force Majeure.

The time for performance of services to be rendered pursuant to this Agreement may be extended because of any delays due to unforeseeable causes beyond the control and without the fault or negligence of the Firm, including, but not restricted to, acts of God or of a public enemy, acts of the government, fires, earthquakes, floods, epidemic, quarantine restrictions, riots, strikes, freight embargoes, and unusually severe weather if the Firm shall within ten (10) days of the commencement of such condition notify the Contract Officer who shall thereupon ascertain the facts and the extent of any necessary delay, and extend the time for performing the services for the period of the enforced delay when and if in the Contract Officer's judgment such delay is justified, and the Contract Officer's determination shall be final and conclusive upon the parties to this Agreement.

4.4 Term.

Unless earlier terminated in accordance with Section 8.5 of this Agreement, this Agreement shall continue in full force and effect until satisfactory completion of the services but not exceeding three years, unless extended by mutual written agreement of the parties.

5. COORDINATION OF WORK

5.1 Representative of Firm.

The following principal of the Firm is hereby designated as being the principal and representative of Firm authorized to act in its behalf with respect to the work specified herein and make all decisions in connection therewith: Peter Brown, Partner.

It is expressly understood that the experience, knowledge, capability and reputation of the foregoing principal is a substantial inducement for OCFA to enter into this Agreement. Therefore, the foregoing principal shall be responsible during the term of this Agreement for directing all activities of Firm and devoting sufficient time to personally supervise the services hereunder. The foregoing principal may not be changed by Firm without the express written approval of OCFA.

5.2 Contract Officer.

The Contract Officer shall be designated in writing by OCFA. It shall be the Firm's responsibility to keep the Contract Officer fully informed of the progress of the performance of the services and Firm shall refer any decisions that must be made by

OCFA to the Contract Officer. Unless otherwise specified herein, any approval of OCFA required hereunder shall mean the approval of the Contract Officer.

5.3 Prohibition Against Subcontracting or Assignment.

5.3.1 No Subcontracting Without Prior Approval. The experience, knowledge, capability and reputation of Firm, its principals and employees, and the Firm Representative were a substantial inducement for OCFA to enter into this Agreement. Therefore, Firm shall not contract with any other entity to perform in whole or in part the Project services required hereunder without the express written approval of OCFA.

5.3.2 Provisions in the Event Subcontractor(s) Are Authorized. If Firm is authorized to subcontract any part of the Project services as provided in Section 5.3.1, Firm shall be responsible to OCFA for the acts and omissions of its subcontractor(s) and subconsultant(s) in the same manner as it is for persons directly employed. For purposes of this Agreement, all persons engaged in the performance of Project services will be considered employees of Firm. OCFA will deal directly with and will make all payments to Firm. Nothing contained in this Agreement shall create any contractual relationships between any subcontractor and OCFA. Firm shall ensure that all subcontractor insurance requirements set forth in Section 5 below (including its subsections) are complied with prior to commencement of services by each subcontractor.

5.3.2.1 Withholding Payment for Non-Authorized Subcontractors. OCFA shall have the right to withhold payment from Firm for services performed by any subcontractor or subconsultant performing Project services but not authorized in writing by OCFA, or regarding which the insurance or other requirements under this Agreement have not been satisfied.

5.3.3 Assignments. Neither this Agreement nor any interest herein may be assigned, transferred, conveyed, hypothecated, or encumbered voluntarily or by operation of law, whether for the benefit of creditors or otherwise, without the prior written approval of OCFA. Transfers restricted hereunder shall include the transfer to any person or group of persons acting in concert of more than twenty five percent (25%) of the present ownership and/or control of Firm, taking all transfers into account on a cumulative basis. In the event of any such unapproved transfer, including any bankruptcy proceeding, this Agreement shall be void. No approved transfer shall release Firm or any surety of Firm from any liability hereunder without the express written consent of OCFA.

5.4 Independent Contractor.

Neither OCFA nor any of its employees shall have any control over the manner, mode or means by which Firm, its agents or employees, perform the services required herein, except as otherwise set forth herein. Firm shall perform all services

required herein as an independent Firm of OCFA and shall remain at all times as to OCFA a wholly independent contractor with only such obligations as are consistent with that role. Firm shall not at any time or in any manner represent that it or any of its agents or employees are agents or employees of OCFA.

6. INSURANCE AND INDEMNIFICATION

6.1 Compliance with Insurance Requirements. Firm shall obtain, maintain, and keep in full force and effect during the term of this Agreement, at its sole cost and expense, and in a form and content satisfactory to OCFA, all insurance required under this section. Firm shall not commence any Project services under this Agreement unless and until it has provided evidence satisfactory to OCFA that it has secured all insurance required under this section. If Firm's existing insurance policies do not meet the insurance requirements set forth herein, Firm agrees to amend, supplement or endorse the policies to meet all requirements herein.

6.2 Types of Insurance Required. Without limiting the indemnity provisions set forth in this Agreement, Firm shall obtain and maintain in full force and effect during the term of this Agreement, including any extension thereof, the following policies of insurance:

6.2.1 Professional Liability/Errors and Omissions Insurance ("PLI"). Firm shall obtain and maintain PLI insurance applicable to each licensed profession practiced by Firm in the amount of \$1,000,000 each occurrence and \$2,000,000 aggregate. Firm shall maintain PLI insurance with per-claim and aggregate limits no lower than the minimum PLI limits designated. Covered professional services shall specifically include all Project services to be performed under the Agreement and the policy shall be endorsed to delete any exclusions that may exclude coverage for claims within the Minimum PLI Limits for the Project services to be performed under this Agreement.

6.2.1.1 The PLI policy shall be endorsed to delete any Contractual Liability Exclusion. The PLI shall include contractual liability coverage applicable to this Agreement. The policy must "pay on behalf of" the insured, and include a provision establishing the insurer's duty to defend the insured.

6.2.1.2 If the PLI policy of insurance is written on a "claims-made" basis, the policy shall be continued in full force and effect at all times during the term of this Agreement, and for a period of three (3) years from the date of the completion of all Project services provided hereunder (the "PLI Coverage Period"). If any PLI policy is replaced, cancelled, non-renewed, discontinued, or otherwise terminated, or if the limits of a PLI policy are reduced or the available coverage depleted below the required minimum coverage amounts for any reason during the PLI Coverage Period, Firm shall immediately obtain replacement PLI coverage meeting the requirements of this Section 6.2.1. Such replacement coverage shall satisfy all requirements herein, and shall include coverage for the prior acts or omissions of Firm

during the time period during which any Project services were performed. The coverage shall be evidenced by either a new policy evidencing no gap in coverage, or by obtaining separate extended "tail" coverage with the present or new carrier or other insurance arrangements providing for complete coverage, either of which shall be subject to the written approval by the OCFA.

6.2.1.3 If the PLI policy is written on an "occurrence" basis, the policy shall be continued in full force and effect during the term of this Agreement, or until completion of the Project services provided for in this Agreement, whichever is later. In the event of termination of the PLI policy during this period, new coverage shall immediately be obtained, and written evidence of the policy shall be immediately provided to OCFA, to ensure PLI coverage during the entire course of performing the Project services.

6.2.1.4 Firm shall not perform any Project services at any time during which required types or amounts of PLI insurance are not in effect, and OCFA shall have no obligation to pay Firm for Project services performed while required PLI insurance is not in effect.

6.2.2 Commercial General Liability Insurance ("CGL"). Firm shall obtain and maintain, in full force and effect throughout the term of this Agreement, a policy of CGL insurance in the amount of \$1,000,000 combined single limit for bodily injury, personal injury and property damage and \$2,000,000 aggregate. CGL insurance shall be provided on an occurrence-based coverage form; a "claims made" CGL policy is not acceptable. Firm shall maintain CGL insurance with per-claim, aggregate and products and operations completed limits no lower than the minimum CGL coverage limits set forth above. Defense costs shall be paid in addition to the limits. The policy shall contain no endorsements or provisions limiting coverage for any of the following: (1) contractual liability; (2) cross liability exclusion for claims or suits by one insured against another; or (3) any other exclusion contrary to this Agreement.

6.2.3 Automobile Liability Insurance. Firm shall obtain and maintain, in full force and effect throughout the term of this Agreement, a policy of Automobile Liability insurance in the amount of \$1,000,000 each accident and \$1,000,000 uninsured motorist. Auto liability insurance shall be provided on an occurrence-based coverage form; a "claims made" auto liability policy is not acceptable. Firm shall maintain Auto liability insurance with per-claim and aggregate limits for bodily injury and property damage no lower than the minimum Auto Liability coverage limits set forth above. Defense costs shall be paid in addition to the policy limits. The policy shall specifically include coverage for owned, non-owned, leased, and hired automobiles, and be endorsed to eliminate any exclusion applicable to any of them.

6.2.4 Workers' Compensation Insurance. Firm shall obtain and maintain, in full force and effect throughout the term of this Agreement, a policy of Workers' Compensation Insurance in at least the minimum statutory amounts, and in compliance with all other statutory requirements applicable in the State of California.

Firm hereby waives on its own behalf, and shall obtain an endorsement from its workers' compensation insurer waiving on the insurance company's behalf, all rights of subrogation against the OCFA, its board members, officials, officers, employees, agents and volunteers.

6.2.4.1 If subconsultants or subcontractors are used, Firm shall require each of its subconsultants and subcontractors, if any, to waive all rights of subrogation, and to obtain endorsements from the subconsultants'/subcontractors' workers' compensation insurers waiving all rights of subrogation, against the OCFA, its board members, officials, officers, employees, agents and volunteers.

6.2.4.2 Firm and each of its subconsultants and subcontractors shall also maintain, in full force and effect throughout the term of this Agreement, Employer's Liability Insurance with limits of at least one million dollars (\$1,000,000.00) per injury or illness.

6.3 Acceptability of Insurers. Each insurance policy required by this section shall be issued by a licensed company authorized to transact business by the Department of Insurance for the State of California with a current rating of A-:VII or better (if an admitted carrier), or a current rating of A:X or better (if offered by a non-admitted insurer listed on the State of California List of Approved Surplus Line Insurers (LASLI)), by the latest edition of A.M. Best's Key Rating Guide, except that the OCFA will accept workers' compensation insurance from the State Compensation Fund. In the event the OCFA determines that the Project services to be performed under this Agreement creates an increased or decreased risk of loss to the OCFA, the Firm agrees that the minimum limits of the insurance policies may be changed accordingly upon receipt of written notice from the OCFA.

6.3.1 Firm shall immediately replace any insurer whose A.M. Best rating drops below the levels specified herein with an insurer that meets the minimum requirements herein.

6.4 Specific Insurance Provisions and Endorsements. Required insurance policies shall not be in compliance if they include any limiting provision or endorsement that has not been submitted to the OCFA for written approval. Required insurance policies shall contain the following provisions, or Firm shall provide endorsements on forms approved by the OCFA to add the following provisions to the insurance policies:

6.4.1 CGL and Auto Liability Endorsements. The policy or policies of insurance required by this Agreement for CGL and Automobile Liability Insurance shall be endorsed as follows:

6.4.1.1 Additional Insured: The OCFA, its board members, officials, officers, employees, agents and volunteers, shall be additional insureds; and

6.4.1.1.1 Additional Insured

Endorsements: Additional insured endorsements shall not (1) be restricted to "ongoing operations", (2) exclude "contractual liability", (3) restrict coverage to "sole" liability of Firm, (4) contain any other exclusions contrary to the Agreement; or (5) contain special limitations on the scope of protection afforded to additional insureds.

6.4.1.2 Primary, Non-Contributing. Each CGL and Auto Liability insurance policy shall be endorsed to be primary and any other insurance, deductible, or self-insurance maintained by the OCFA, its board members, officials, officers, employees, agents or volunteers, shall not contribute with the primary insurance.

6.4.2 Notice of Cancellation: Each policy of any type shall be endorsed to provide that coverage shall not be suspended, voided, cancelled, or modified, or reduced in coverage or in limits, except after thirty (30) days prior written notice has been provided to the OCFA. Notwithstanding the foregoing, if coverage is to be suspended, voided, or cancelled because of Firm's failure to pay the insurance premium, the notice provided by the insurer to OCFA shall be by not less than ten (10) days prior written notice. (A statement that notice will be provided "in accordance with the policy terms" or words to that effect is inadequate to meet the requirements of this Section).

6.4.2.1 Pre-Payment of Policy Premium. If for any reason an insurer declines to issue an endorsement certifying that it will notify OCFA in accordance with section 6.4.2, Firm shall either obtain insurance from another insurer who will provide the required notice endorsement or shall provide evidence satisfactory to OCFA that the entire policy premium for the full term of that policy has been pre-paid such that the risk of non-payment of premiums during the term of the policy has been eliminated.

6.4.3 ACORD Forms Will Not Be Accepted in Lieu of Endorsements. By executing this Agreement, Firm certifies that it has – prior to execution of this Agreement - confirmed that its insurance company will issue each of the endorsements required by this Agreement. Firm also certifies that it understands that "ACORD" Certificate of Liability Insurance forms will not be accepted in lieu of required endorsements.

6.5 Deductibles and Self-Insured Retentions. Any deductible or self-insured retention must be approved in writing by the OCFA in advance. The decision whether to approve or withhold approval of a deductible or self-insured retention shall be made by the OCFA in the OCFA's sole and absolute discretion. (Firm may request pre-approval from OCFA of a deductible or self-insured retention prior to submitting Firm's Proposal).

6.6 Waiver of Subrogation. All policies of Commercial General Liability and Automobile Liability Insurance shall contain or be endorsed to waive subrogation against the OCFA, its officials, officers, employees, agents and volunteers, or shall specifically allow Firm or others providing insurance evidence in compliance with the requirements set forth in this section to waive their right to recovery prior to a loss. Firm hereby agrees to waive its own right of subrogation against the OCFA, its officials, officers, employees, agents and volunteers.

6.6.1 Waivers of Subrogation: Subconsultants and Subcontractors. If OCFA approves the use of subconsultants or subcontractors for the performance of any portion of the Project services, then Firm shall obtain from each subconsultant and subcontractor, and make available to OCFA upon request, written express waivers by each subconsultant and subcontractor of the right of subrogation against the OCFA, its officials, officers, employees, agents and volunteers, and policy endorsements of each of its subconsultants' and subcontractors' insurance policies waiving any rights of subrogation against the OCFA, its officials, officers, employees, agents and volunteers insurer. All such waivers and endorsements shall be obtained prior to commencement of any Project services by each subconsultant or subcontractor.

6.7 Evidence of Coverage. Concurrently with the execution of the Agreement, Firm shall deliver certificates of insurance together with original endorsements affecting each of the insurance policies required to be maintained by Firm by this Section 6. Firm shall promptly furnish, at OCFA's request, copies of actual policies including all declaration pages, endorsements, exclusions and any other policy documents OCFA requires to verify coverage.

6.7.1 Required insurance policies shall not be in compliance if they include any limiting provision or endorsement that has not been submitted to the OCFA for written approval.

6.7.2 Authorized Signatures. The certificates of insurance and original endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf.

6.7.3 Renewal/Replacement Policies. At least fifteen (15) days prior to the expiration of any policy required by this Agreement, evidence of insurance showing that such insurance coverage has been renewed or extended shall be filed with the OCFA. If such coverage is cancelled or reduced and not replaced immediately so as to avoid a lapse in the required coverage, Firm shall, within ten (10) days after receipt of written notice of such cancellation or reduction of coverage, file with the OCFA evidence of insurance showing that the required insurance has been reinstated or has been provided through another insurance company or companies meeting all requirements of this Agreement.

6.8 Requirements Not Limiting. Requirement of specific coverage or minimum limits contained in this section are not intended as a limitation on coverage,

limits, or other requirements, or a waiver of any coverage normally provided by any insurance. Nothing in this section shall be construed as limiting in any way the indemnification provision contained in this Agreement, or the extent to which Firm may be held responsible for losses of any type or amount.

6.9 Enforcement of Agreement (Non-Estoppel). Firm acknowledges and agrees that actual or alleged failure on the part of the OCFA to inform Firm of any non-compliance with any of the insurance requirements set forth in this Agreement imposes no additional obligation on the OCFA nor does it waive any rights hereunder.

6.10 Insurance for Subconsultants. If OCFA approves the use of subconsultants or subcontractors for the performance of any portion of the Project services, then Firm shall be responsible for causing each approved subconsultant and subcontractor to procure and maintain insurance in the same types and amounts required for Firm, and in full compliance with the insurance requirements set forth in this Agreement, except as otherwise authorized in writing by the Contract Manager.

6.10.1 Delivery of Evidence of Subcontractor Insurance. Upon request of OCFA, Firm shall deliver to OCFA all certificates of insurance and endorsements required from subcontractors and subconsultants. (Note: Firm's duty to obtain all required insurance for subcontractors and subconsultants required under this Agreement applies whether or not OCFA requests delivery of evidence of such coverage.)

6.11 Other Insurance Requirements. The following terms and conditions shall apply to the insurance policies required of Firm and its subconsultants and subcontractors, if any, pursuant to this Agreement:

6.11.1 Firm shall provide immediate written notice to OCFA if (1) any of the insurance policies required herein are terminated, cancelled, suspended, or non-renewed (2) the limits of any of the insurance coverages required herein are reduced; (3) any required insurance coverage is reduced below the required minimum limits through claims or otherwise, or (4) the deductible or self-insured retention is increased.

6.11.2 All insurance coverage and limits required under this Agreement are intended to apply to each insured, including additional insureds, against whom a claim is made or suit is brought to the full extent of the policies. Nothing contained in this Agreement or any other agreement relating to the OCFA or its operations shall limit the application of such insurance coverage.

6.11.3 None of the insurance coverages required herein will be in compliance with the requirements of this section if they include any limiting endorsement which substantially impairs the coverages set forth herein (e.g., elimination of contractual liability or reduction of discovery period), unless the endorsement has first been submitted to the OCFA and approved in writing.

6.11.4 Certificates of insurance will not be accepted in lieu of required endorsements, and submittal of certificates without required endorsements may delay the Project. It is Firm's obligation to ensure timely compliance with all insurance submittal requirements as provided herein and Firm agrees to reimburse OCFA for any losses resulting from its failure, or its subconsultants' or subcontractors' failure, to timely comply with the requirements of this Agreement.

6.11.5 Firm agrees to ensure that subconsultants and subcontractors, if any, and any other parties involved with the Project who are brought onto or involved in the Project by Firm, provide the same minimum insurance coverage required of Firm. Firm agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. Firm agrees that upon request, all agreements with, and evidence of insurance from, subconsultants and subcontractors and others engaged in performing any Project services will be submitted to the OCFA for review.

6.11.6 Firm agrees to provide immediate written notice to OCFA of any claim, demand or loss arising out of the Project services performed under this Agreement and for any other claim, demand or loss which may reduce the insurance available to an amount less than required by this Agreement.

6.12 Indemnification.

The Firm shall defend, indemnify and hold harmless OCFA, its officers and employees, from and against any and all actions, suits, proceedings, claims, demands, losses, costs, and expenses, including legal costs and attorneys' fees, for injury to or death of a person or persons, for damage to property, including property owned by OCFA, and for errors and omissions committed by Firm, its officers, employees and agents, arising out of or related to the Firm's negligent performance under this Agreement, except for such loss as may be caused by OCFA's own negligence or that of its officers or employees.

7. RECORDS AND REPORTS

7.1 Reports.

Firm shall periodically prepare and submit to the Contract Officer such reports concerning the performance of the services required by this Agreement as the Contract Officer shall require.

7.2 Records.

Firm shall keep such books and records as shall be necessary to properly perform the services required by this Agreement and enable the Contract Officer to evaluate the performance of such services. Except as provided in Section 7.5, the

Contract Officer shall have full and free access to such books and records at all reasonable times, including the right to inspect, copy, audit and make records and transcripts from such records.

7.3 Ownership of Documents.

Except as provided in Section 7.5, all drawings, specifications, reports, records, documents and other materials prepared by Firm in the performance of this Agreement shall be the property of OCFA and shall be delivered to OCFA upon request of the Contract Officer or upon the termination of this Agreement, and Firm shall have no claim for further employment or additional compensation as a result of the exercise by OCFA of its full rights or ownership of the documents and materials hereunder. Firm may retain copies of such documents for its own use. Firm shall have an unrestricted right to use the concepts embodied therein.

7.4 Release of Documents.

All drawings, specifications, reports, records, documents and other materials prepared by Firm in the performance of services under this Agreement shall not be released publicly without the prior written approval of the Contract Officer.

7.5 Confidential Materials.

Notwithstanding anything to the contrary in this Agreement, the Firm shall be the sole owner of Firm's work papers and of any other documents, data or information which are required to be maintained confidential from OCFA by one or more rules of professional conduct governing the Firm's profession(s) (collectively, the "Confidential Materials"). Neither the OCFA nor the Contract Officer shall have access to the Confidential Materials except as may otherwise be required by order issued by a court of competent jurisdiction.

8. ENFORCEMENT OF AGREEMENT

8.1 California Law.

This Agreement shall be construed and interpreted both as to validity and to performance of the parties in accordance with the laws of the State of California. Legal actions concerning any dispute, claim or matter arising out of or in relation to this Agreement shall be instituted in the Superior Court of the County of Orange, State of California, or any other appropriate court in such county, and Firm covenants and agrees to submit to the personal jurisdiction of such court in the event of such action.

8.2 Waiver.

No delay or omission in the exercise of any right or remedy of a non-defaulting party on any default shall impair such right or remedy or be construed as a waiver. No consent or approval of OCFA shall be deemed to waive or render unnecessary OCFA's consent to or approval of any subsequent act of Firm. Any waiver by either party of any default must be in writing and shall not be a waiver of any other default concerning the same or any other provision of this Agreement.

8.3 Rights and Remedies are Cumulative.

Except with respect to rights and remedies expressly declared to be exclusive in this Agreement, the rights and remedies of the parties are cumulative and the exercise by either party of one or more of such rights or remedies shall not preclude the exercise by it, at the same or different times, of any other rights or remedies for the same default or any other default by the other party.

8.4 Legal Action.

In addition to any other rights or remedies, either party may take legal action, in law or in equity, to cure, correct or remedy any default, to recover damages for any default, to compel specific performance of this Agreement, to obtain injunctive relief, a declaratory judgment, or any other remedy consistent with the purposes of this Agreement.

8.5 Termination Prior to Expiration of Term.

OCFA reserves the right to terminate this Agreement at any time, with or without cause, upon thirty (30) days written notice to Firm, except that where termination is due to the fault of the Firm and constitutes an immediate danger to health, safety and general welfare, the period of notice shall be such shorter time as may be appropriate. Upon receipt of the notice of termination, Firm shall immediately cease all services hereunder except such as may be specifically approved by the Contract Officer. Firm shall be entitled to compensation for all services rendered prior to receipt of the notice of termination and for any services authorized by the Contract Officer thereafter.

Firm may terminate this Agreement, with or without cause, upon thirty (30) days written notice to OCFA.

8.6 Termination for Default of Firm.

If termination is due to the failure of the Firm to fulfill its obligations under this Agreement, OCFA may take over the work and prosecute the same to completion by contract or otherwise, and the Firm shall be liable to the extent that the total cost for completion of the services required hereunder exceeds the compensation herein stipulated, provided that OCFA shall use reasonable efforts to mitigate damages, and

OCFA may withhold any payments to the Firm for the purpose of set-off or partial payment of the amounts owed to OCFA.

8.7 Attorneys' Fees.

If either party commences an action against the other party arising out of or in connection with this Agreement or its subject matter, the prevailing party shall be entitled to recover reasonable attorneys' fees and costs of suit from the losing party.

9. OCFA OFFICERS AND EMPLOYEES; NON-DISCRIMINATION

9.1 Non-Liability of OCFA Officers and Employees.

No officer or employee of OCFA shall be personally liable to the Firm, or any successor-in-interest, in the event of any default or breach by OCFA or for any amount which may become due to the Firm or its successor, or for breach of any obligation of the terms of this Agreement.

9.2 Covenant Against Discrimination.

Firm covenants that, by and for itself, its heirs, executors, assigns, and all persons claiming under or through them, that there shall be no discrimination or segregation in the performance of or in connection with this Agreement regarding any person or group of persons on account of race, color, creed, religion, sex, marital status, national origin, or ancestry. Firm shall take affirmative action to insure that applicants and employees are treated without regard to their race, color, creed, religion, sex, marital status, national origin, or ancestry.

10. MISCELLANEOUS PROVISIONS

10.1 Confidentiality.

Information obtained by Firm in the performance of this Agreement shall be treated as strictly confidential and shall not be used by Firm for any purpose other than the performance of this Agreement without the written consent of OCFA.

10.2 Notice.

Any notice, demand, request, consent, approval, or communication either party desires or is required to give to the other party or any other person shall be in writing and either served personally or sent by pre-paid, first-class mail to the address set forth below. Either party may change its address by notifying the other party of the change of address in writing. Notice shall be deemed communicated forty-eight (48) hours from the time of mailing if mailed as provided in this Section.

Orange County Fire Authority

WITH COPY TO:

Attention: Brigitte Gibb
1 Fire Authority Road
Irvine, CA 92602

David E. Kendig, General Counsel
Woodruff, Spradlin & Smart
555 Anton Blvd. Suite 1200
Costa Mesa, CA 92626

To Firm:

Liebert Cassidy Whitmore
Attention: Peter Brown
6033 West Century Boulevard, 5th Floor
Los Angeles, CA 90045

10.2 Integrated Agreement.

This Agreement contains all of the agreements of the parties and cannot be amended or modified except by written agreement.

10.3 Amendment.

This Agreement may be amended at any time by the mutual consent of the parties by an instrument in writing.

10.4 Severability.

In the event that any one or more of the phrases, sentences, clauses, paragraphs, or sections contained in this Agreement shall be declared invalid or unenforceable by valid judgment or decree of a court of competent jurisdiction, such invalidity or unenforceability shall not affect any of the remaining phrases, sentences, clauses, paragraphs, or sections of this Agreement, which shall be interpreted to carry out the intent of the parties hereunder.

10.5 Corporate Authority.

The persons executing this Agreement on behalf of the parties hereto warrant that they are duly authorized to execute this Agreement on behalf of said parties and that by so executing this Agreement the parties hereto are formally bound to the provisions of this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the dates stated below.

[Signatures on Following Page]

"OCFA"

ORANGE COUNTY FIRE AUTHORITY

Date: _____

By: _____

Debbie Casper, C.P.M., CPPB,
Purchasing Manager

APPROVED AS TO FORM.

ATTEST:

By: _____
DAVID E. KENDIG
GENERAL COUNSEL

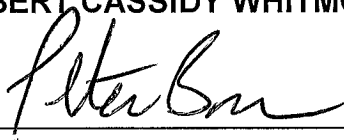
Sherry A.F. Wentz
Clerk of the Board

Date: _____

"FIRM"

LIEBERT CASSIDY WHITMORE

Date: April 12, 2017

By: 

Peter Brown
Partner

EXHIBIT A

OPTION 1

NEGOTIATION RATE OFFER LETTER

April 11, 2017

VIA EMAIL

LoriZeller@ocfa.org

Ms. Lori Zeller
Assistant Chief, Business Services
Orange County Fire Authority
1 Fire Authority Road
Irvine, CA 92602

Re: *Liebert Cassidy Whitmore Negotiation Rate Offer Option 1*

Dear Ms. Zeller:

Thank you for asking Liebert Cassidy Whitmore to provide a rate proposal to continue to provide labor negotiation services to the Authority. We appreciate our relationship with the Authority and offer the follow rates to negotiate on behalf of the Authority with its labor groups.

Rate and Service Structure

The firm bills in increments of one tenth of an hour. Invoices are payable upon receipt and due within 30 days. Our rates reflect the nature of our public sector work and take into consideration the inherent budgetary limitations of our public sector clients. Our firm evaluates our rates on an annual basis and occasionally makes modest rate increases. We understand the need to manage the cost of legal services and frequently work with clients to create budgets and cost strategies that suit them. We have a proven track record of fairly accurately estimating costs, given the many variables inherent in each matter.

Because our practice is statewide, we share briefs, motions, points and authorities, research memos and opinion letters so that we do not research nuances in the law and issues that other members of the firm have recently worked on.

Pricing offered on a time-and-materials basis would be based on the standard hourly rates listed below:

Partner name\$350

Senior Counsel\$305

Ms. Lori Zeller

Re: *Liebert Cassidy Whitmore Negotiation Rate Offer*

April 11, 2017

Page 2

Associate name\$200 - \$285

My rate is \$350 per hour.

We agree to honor these rates for the entire three year term of the agreement.

Expenses

Unlike many firms, we do not bill for secretarial time or telephone charges. Facsimile transmissions are billed at the rate of \$.25 per page for outgoing faxes only. Documents are sent electronically unless specifically requested otherwise, or when electronic transmission is not an option. Copying is charged at fifteen cents (\$.15) per page. Additional prints, postage and special deliveries (i.e. Fed-Ex, UPS, DHL, messenger service), and other hired deliveries completed at the request of the client or necessary to comply with court or other deadlines will also be billed to the client.

Our firm bills for travel time at the attorney's hourly rate - for the time it takes to travel from the office to our client and back, or the time it takes from the attorney's residence to our client and back, whichever is less. Importantly, we do not double bill for our travel time; our travel billing is prorated by the time we spend on billable work for the agency or other clients, like phone calls and dictation.

If we can provide additional information, please do not hesitate to contact me.

Very truly yours,

LIEBERT CASSIDY WHITMORE

A handwritten signature in black ink, appearing to read "Peter Brown", with a stylized flourish at the end.

Peter J. Brown

PJB:csW

Orange County Fire Authority
Executive Management

MEMO

DATE: May 22, 2017

TO: OCFA Board of Directors

FROM: Jeff Bowman, Fire Chief

SUBJECT: **Update on Action Items from the October 27, 2016, Board Meeting**

On November 10, 2016, I provided the attached memo summarizing actions items that I had identified for follow-up as a result of the October 2016 meetings of the Executive Committee and Board of Directors. Below is a recap of the action items with an updated response and status for each issue.

Issue 1: My early direction to staff was to streamline staff reports wherever possible to clarify the desired Board action and eliminate excessive use of paper. It was always out intent, however, to provide interested Board members with additional information, as requested. One Director specifically requested all attachments in future agenda packets.

Response: Director Gamble spends a great deal of time reviewing and editing staff reports, particularly those in her area of expertise, i.e. construction, contracts, etc. From this point forward, she (and any other Board member who requests them) will receive all pertinent contract and bid documents via a thumb drive. A link will also be provided on all staff reports in the event any Board member wishes to review said documents. I'd like to note that staff can be extremely busy on meeting days, and I ask that should you have questions or require additional information in connection with agenda reports, that you allow us enough lead time to properly assist you.

Status: Complete, no further follow-up required.

Issue 2: When contracts are being let that are part of a larger project, i.e. services vs. equipment, how is the Board to determine/understand/approve total project costs?

Response: Staff manages numerous projects at OCFA on a daily basis. These projects are funded within the Board's Adopted Budget. When completion of a project requires entering into a vendor contract in amounts exceeding the thresholds delegated to Authority management, then approval of that contract is submitted to the Executive Committee for approval. However, the expenditure of staff time or purchase of other goods/equipment associated with the project would not normally be quantified and disclosed in the staff report if those costs are already approved within the Adopted Budget. Management of project costs are part of staff's day-to-day operational responsibilities, and we have not considered this a policy matter for

elevation to the Board. Instead, staff will commit that all staff requests for contract approvals whereby the project may include additional associated costs that are not already funded in the budget, including extraordinary staff time, will be disclosed in future staff reports.

Status: Complete, no further follow-up required.

Issue 3: Contingency percentages seem to vary by project. Should there be standard contingency percentages and how should they be reconciled?

Response: Staff always tries to set an appropriate contingency amount based on their experience with prior projects or advice from consultants. In any case, the percentages established for contingencies, how the funds are to be utilized, and the Board approval process for use of contingencies are being clarified and documented in a new Standard Operating Procedure (SOP).

Status: The proposed SOP has been drafted, reviewed by internal staff, and sent to Director Gamble for further review and input. Pending issuance of the final SOP, staff has begun a new process of contacting the Board Chair for approval prior to use of contingency funds, followed by a report to the Executive Committee at its next meeting disclosing the use of contingency funds.

Issue 4: When contracts are being let that potentially involve the use of subcontractors, how will the subcontractor's insurance be monitored?

Response: Per the Board's direction at its October 27 meeting, and prior to seeking further Board action to reduce subcontractor insurance requirements, staff will return to the Board with additional information about current insurance practices, the potential need for additional resources, including the potential use of technology-based monitoring solutions to reduce the burdens of insurance tracking, and surveying member agencies' current practices.

Status: Staff has implemented the Board's requirements for subcontractor insurance. Prior to issuing a contract or Purchase Order (PO), staff reviews the proposal and inquires with the vendor about use of subcontractors. If subcontractors are identified, staff obtains valid insurance certificates from the general and subcontractor before issuing the contract or PO.

This item is complete. No further follow-up action will be required unless staff concludes that additional review by the Board is justified for consideration to change the insurance requirements. Lacking additional action initiated by staff, we will continue upholding the subcontractor insurance requirements.

Orange County Fire Authority
Executive Management

MEMO

DATE: November 10, 2016

TO: OCFA Board of Directors

FROM: Jeff Bowman, Fire Chief

SUBJECT: **Action Items from the October 27, 2016, Board Meeting**

Having been away on vacation during what turned out to be a fairly contentious meeting, and at the request of Director Todd Spitzer, Board Clerk Sherry Wentz and I reviewed the recordings of the Executive Committee and Board of Directors' meetings to familiarize myself with the questions and answers raised during these meetings.

As may be said about all meetings, contentious or otherwise, learning opportunities occur from which all behaviors can improve. To that end, I pulled the following items from the tape with recommendations on how we should proceed.

Issue 1: My early direction to staff was to streamline staff reports wherever possible to clarify the desired Board action and eliminate excessive use of paper. It was always out intent, however, to provide interested Board members with additional information, as requested. One Director specifically requested all attachments in future agenda packets.

Response: Director Gamble spends a great deal of time reviewing and editing staff reports, particularly those in her area of expertise, i.e. construction, contracts, etc. From this point forward, she (and any other Board member who requests them) will receive all pertinent contract and bid documents via a thumb drive. A link will also be provided on all staff reports in the event any Board member wishes to review said documents. I'd like to note that staff can be extremely busy on meeting days, and I ask that should you have questions or require additional information in connection with agenda reports, that you allow us enough lead time to properly assist you.

Issue 2: When contracts are being let that are part of a larger project, i.e. services vs. equipment, how is the Board to determine/understand/approve total project costs?

Response: Staff manages numerous projects at OCFA on a daily basis. These projects are funded within the Board's Adopted Budget. When completion of a project requires entering into a vendor contract in amounts exceeding the thresholds

delegated to Authority management, then approval of that contract is submitted to the Executive Committee for approval. However, the expenditure of staff time or purchase of other goods/equipment associated with the project would not normally be quantified and disclosed in the staff report if those costs are already approved within the Adopted Budget. Management of project costs are part of staff's day-to-day operational responsibilities, and we have not considered this a policy matter for elevation to the Board. Instead, staff will commit that all staff requests for contract approvals whereby the project may include additional associated costs that are not already funded in the budget, including extraordinary staff time, will be disclosed in future staff reports.

Issue 3: Contingency percentages seem to vary by project. Should there be standard contingency percentages and how should they be reconciled?

Response: Staff always tries to set an appropriate limit based on their experience with prior projects or on advice from consultants. In any case, the percentages how they are to be utilized, and Board approvals/final accounting will be clarified via a new Board policy currently being drafted for discussion early next year.

Issue 4: When contracts are being let that potentially involve the use of subcontractors, how will the subcontractor's insurance be monitored?

Response: Per the Board's direction at its October 27 meeting, staff is assembling information about current insurance practices, the potential need for additional resources, including the potential use of technology-based monitoring solutions to reduce the burdens of insurance tracking, and surveying member agencies' current practices. Staff will bring the item back for consideration at a future meeting.

Recommendation:

Not discussed at the Board meeting is a suggestion from staff that when items are pulled from the Consent Calendar by Board members or members of the public for discussion, the Board Chair shall request from the appropriate Committee Chair a summary of that committee's prior action on the matter.

While the above topics are actions that I and my executive staff will be taking, I also am seeking support from the Board. OCFA's continued growth can be further fostered with the Board's engagement on policy matters, while allowing the executive staff to manage the day-to-day operations of OCFA. I understand that this requires a certain level of trust from the Board, and your confidence in staff to carry out the policy directives that you have established for us. Please feel free to call me or the staff members listed in each staff report if you need more information than what we provided in the agenda materials. We can best achieve positive results when we know of your information needs in advance.