

Alameda County Employees' Retirement Association BOARD OF RETIREMENT

OPERATIONS COMMITTEE/BOARD MEETING NOTICE and AGENDA

ACERA MISSION:

To provide ACERA members and employers with flexible, cost-effective, participant-oriented benefits through prudent investment management and superior member services.

Wednesday, December 4, 2019 9:30 a.m.

LOCATION	COMMITTEE MEMBERS	
ACERA C.G. "BUD" QUIST BOARD ROOM 475 14 TH STREET, 10 TH FLOOR OAKLAND, CALIFORNIA 94612-1900 MAIN LINE: 510.628.3000 FAX: 510.268.9574	OPHELIA BASGAL, CHAIR DALE AMARAL, VICE CHAIR TARRELL GAMBLE JAIME GODFREY HENRY LEVY	APPOINTED ELECTED SAFETY APPOINTED APPOINTED TREASURER

Should a quorum of the Board attend this meeting, this meeting shall be deemed a joint meeting of the Board and Committee.

The order of agenda items is subject to change without notice. Board and Committee agendas and minutes are available online at www.acera.org.

Note regarding public comments: Public comments are limited to four (4) minutes per person in total.

Note regarding accommodations: The Board of Retirement will provide reasonable accommodations for persons with special needs of accessibility who plan to attend Board meetings. Please contact ACERA at (510) 628-3000 to arrange for accommodation.

OPERATIONS COMMITTEE/BOARD MEETING

NOTICE and AGENDA, Page 2 of 3 – Wednesday, December 4, 2019

Call to Order: 9:30 a.m.

Public Input

Action Items: Matters for Discussion and Possible Motion by the Committee

1. Discussion and possible motion to approve the annual agreement for Segal Consulting, ACERA's Benefits Consultant

Kathy Foster

Recommendation

Staff recommends that the Operations Committee recommend to the Board of Retirement to approve the annual agreement for \$125,460 effective January 1, 2020, for ACERA's Benefits Consultant, Segal Consulting.

2. Discussion and possible motion to approve the amendment to Segal Consulting's agreement for work related to the dental and vision plans request for proposal project.

Kathy Foster

Recommendation

Staff recommends that the Operations Committee recommend to the Board of Retirement to approve the amendment to Segal Consulting's annual agreement, effective January 1, 2020, for work related to the dental and vision plans request for proposal project at a cost of \$20,000.

3. Discussion and possible motion to approve the approximate costs to replace ACERA's current Pension Administration System.

- Dave Nelsen

Kathy Foster

Recommendation

Staff recommends that the Operations Committee recommend to the Board of Retirement to approve the approximate costs for implementing the replacement of ACERA's Pension Administration System, subject to contract negotiations with the selected vendors.

4. Discussion and possible motion to approve the proposed 2020 ACERA Operating Expense Budget

Margo Allen

Recommendation

Staff recommends that the Operations Committee recommend to the Board of Retirement that the Board approve the 2020 Proposed Budget.

5. Discussion and possible motion to approve the Prepayment Policy

Dave Nelsen

Recommendation

Staff recommends that the Operations Committee recommend to the Board of Retirement that the Board approve the Prepayment Policy.

OPERATIONS COMMITTEE/BOARD MEETING

NOTICE and AGENDA, Page 3 of 3 – Wednesday, December 4, 2019

<u>Information Items: These items are not presented to Committee for action but consist of status updates, presentations and cyclical reports</u>

1. Operating expenses as of October 31, 2019

Report on the status of ACERA's budget vs. actual as of October 31, 2019

Margo Allen

2. Technology update

Update on the status of technology projects at ACERA

Vijay Jagar

Future Discussion Items

Trustee Remarks

Establishment of Next Meeting Date

February 5, 2020, at 9:30 a.m.

Adjournment



DATE: December 4, 2019

TO: Members of the Operations Committee

FROM: Kathy Foster, Assistant Chief Executive Officer

SUBJECT: Annual Renewal of Benefits Consulting Agreement – Segal Consulting

ACERA has negotiated a new agreement for benefits consulting services with Segal Consulting (Segal) to be effective January 1, 2020 through December 31, 2020. The annual cost for the new agreement is \$125,460, which is a two percent increase from the current annual fee to account for inflation. Staff is requesting approval for an annual amount of \$125,460 for benefits consulting services for the new agreement.

Recommendation

Staff recommends that the Operations Committee recommend to the Board of Retirement to approve the annual agreement for \$125,460 effective January 1, 2020, for ACERA's Benefits Consultant, Segal Consulting.



DATE: December 4, 2019

TO: Members of the Operations Committee

FROM: Kathy Foster, Assistant Chief Executive Officer

SUBJECT: Amendment to Segal Consulting's Agreement for Work on Dental and

Mostre

Vision Request for Proposal Project

ACERA currently contracts with Segal Consulting (Segal) for benefits consulting services. As part of the dental and vision Request for Proposal (RFP) project, Segal will provide additional services beginning in January, 2020. A high level list of the work Segal will be performing includes the following:

- Identify potential vendors
- Prepare the RFP document for Staff's review
- Release the RFP to vendors
- Develop a scoring matrix
- Respond to vendors questions
- Score RFP vendor responses
- Recommend finalist selection
- Conduct finalist interviews
- Discuss proposals and responses with Staff

These services are outside the scope of the current annual Segal agreement. Therefore, Staff is requesting the approval of an amendment to the current agreement for services at a cost of \$20,000. Work on this project is expected to conclude in August 2020.

Recommendation

Staff recommends that the Operations Committee recommend to the Board of Retirement to approve the amendment to Segal Consulting's annual agreement, effective January 1, 2020, for work related to the dental and vision plans Request for Proposal project at a cost of \$20,000.



DATE: December 4, 2019

TO: Members of the Operations Committee

Dave Nelsen, Chief Executive Officer FROM:

Kathy Foster, Assistant Chief Executive Officer

SUBJECT: ACERA'S Current Pension Administration System Replacement

Attached is a presentation providing the status on the work completed by our project team and LRS, as well as the proposed estimated costs for ACERA's Pension Administration System replacement.

Recommendation

Staff recommends that the Operations Committee recommend to the Board of Retirement to approve the approximate costs for implementing the replacement of ACERA's Pension Administration System, subject to contract negotiations with the selected vendors.

Pension Administration System (PAS) Replacement

Operations Committee Meeting
December 4, 2019
Presented by Dave Nelsen, CEO and
Kathy Foster, Assistant CEO



Agenda

- Pension Administration System (PAS) Project Objectives
- Accomplishments 2019
- Requirements
- Customizations
- Project Timeline/Implementation Process
- OnBase Integration with V3
- Collaboration with LRS and Neko (OnBase Vendor)
- Proposed Vendor Costs for V3
- Recommendation

PAS Project Objectives

PensionGold Version 2 to Version 3 (V3)

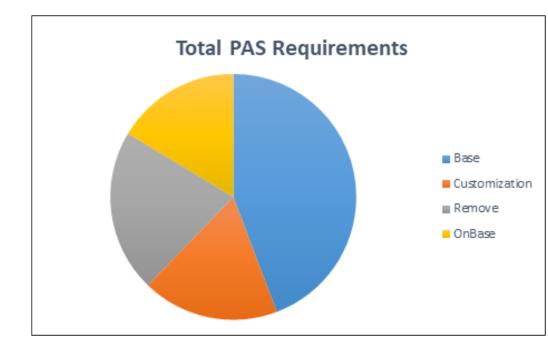
- Version 2 has been used for 18 years
- Version 3 (V3)
 - Web-based vs desktop locally stored
 - Improved functionality
 - Automation of processes

Accomplishments 2019

- First & Second Quarters:
 - Determined "As-is" Requirements functionality we utilize now
 - Determined "To-be" Requirements functionality we want in V3
- Third Quarter:
 - Review and clarification of requirements with LRS
- Fourth Quarter:
 - Clarification of customizations with LRS
 - Cost proposal and contract negotiations

Requirements

Requirements	Counts	
PensionGold V3		
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Base	589	
Customization	239	
Removed	285	
Sub Total	1113	
OnBase		
Workflows / Correspondences	218	
Sub Total	218	
Grand Total	1331	



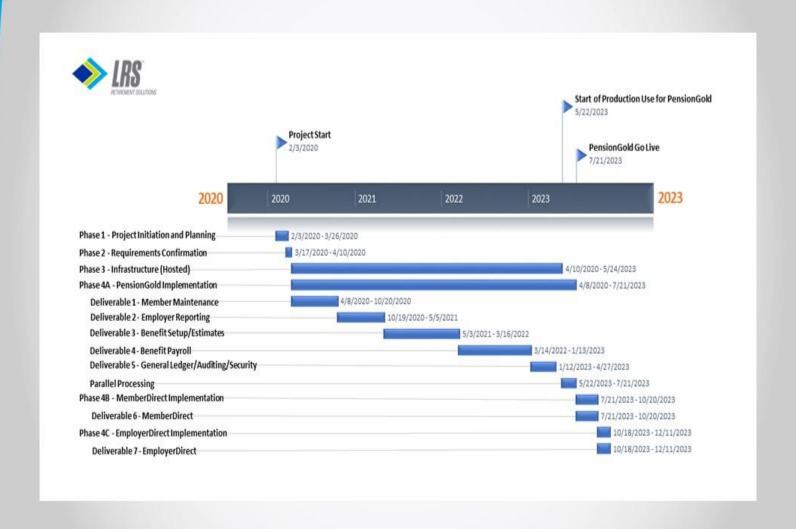
Customizations

- Employer Portal
- Transmittal Exception Manager
- Improved New Member Data Delivery
- Member Direct

- Automated Purchase Cost
- Automated Contribution Adjustments
- Integration with OnBase for Workflows and Correspondence
- Health Plan
 Administration
 Enhancements



Implementation Process



OnBase Integration with V3

- During requirements review process, we determined that using our existing OnBase system (with upgrade) for automation of correspondence and use of workflows will provide more functionality and capability for internal programming and management of functionality
- Over 200 Requirements for Correspondence and work flows were removed and will potentially be built and maintained in house

Collaboration with LRS and Neko (OnBase vendor)

- LRS and Neko are collaborating to create integration between V3 and OnBase
- Costs for initial integration, design and licensing will be incurred

Proposed Vendor Costs for V₃

- LRS proposed costs
 - \$5,697,080
 - Member Direct
 - Employer Direct
 - Implementation Services
 - \$492,526
 - Hosting for Set-up and Implementation Period
- Neko estimated cost
 - \$50,000
 - Estimated cost for OnBase integration and functionality for correspondence and workflows

Recommendation

- Staff is confident that after a thorough, collaborative process with LRS, that we have received a fair price for V3 when considering the functionality the system will provide.
- We are anticipating proposed costs from Neko for OnBase functionality
- Recommendation:
 - Staff recommends that the Operations Committee recommend to the Board of Retirement to approve the approximate costs for implementing the replacement of ACERA's Pension Administration System, subject to contract negotiations with the selected vendors.



DATE:

December 4, 2019

TO:

Members of the Operations Committee

FROM:

Dave Nelsen, Chief Executive Officer

Margo Allen, Fiscal Services Officer

SUBJECT:

Recommendation for 2020 ACERA Budget Proposal

Executive Summary

Dave Nelsen, CEO, presented the 2020 ACERA proposed budget at the November 21, 2019 budget committee meeting. As stated in the budget committee meeting, this operating expense budget invests in both personnel and information technology infrastructure, but is prudent in the approach. Staff is now bringing the 2020 ACERA proposed operating expense budget to the operations committee for approval recommendation.

The proposed operating expense budget is \$21,346,000, which is a 0.5% increase over the 2019 approved operating expense budget of \$21,233,000. Highlights of the proposal are as follows:

- Reduction of funded positions from 91 to 88;
- Increase in staffing costs from 2019 forecast by 8.5%;
- Decrease in staff development costs from 2019 forecast by -2.8%;
- Decrease in insurance costs from 2019 forecast by -26%; and,
- Contingency funds for training resource and IT software totaling \$315,000.

The 2020 proposal includes increases in staffing costs above the 2019 forecast resulting from long-time vacant positions previously filled by less expensive temporary employees now being filled by permanent staff for a full budget year, resulting in increased salary and fringe benefit costs. It also includes negotiated increases associated with COLA and longevity/merit increases. Aside from the increases in staffing costs, streamlining and optimization throughout the organization resulted in additional unfunded FTEs.

In comparison, the 2020 proposed operating expense budget is still slightly less than the approved 2017 operating expense budget.

Recommendation

Staff recommends that the Operations Committee recommend to the Board of Retirement that the Board approve the 2020 ACERA Budget Proposal.



ALAMEDA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION

2020
PROPOSED
EXPENSE
BUDGET

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Section I

Letter from the CEO to the Board of Retirement

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Section I

Letter from the CEO to the Board of Retirement

Members of the Board of Retirement,

It is my pleasure to present the proposed 2020 budget. During the 2019 budget year the organization focused on the development of ACERA's administrative infrastructure, while continuing to serve our customers and move forward on important customer focused initiatives. With that said, the proposed 2020 budget has been predicated on priorities determined as necessary to carry out ACERA's mission. These priorities are to continue developing a culture and infrastructure of accountability and cost effectiveness, to make for a more transparent organization moving forward. Additionally, technology will be leveraged to introduce new service models and enhance service effectiveness that will continue building an organization focused on its core values and a vision of exceeding customer expectations, of engaging team members, and of developing supportive leadership. To that end, we look forward to finalizing this budget with the Board.

KEY 2019 ACCOMPLISHMENTS

Organization-Wide Initiatives | Touching all departments across the organization, ACERA continued the pension administration system (PAS) upgrade project, working with our project oversight consultant and our in-house project manager staff completed a full requirement definition process, and initiated a data conversion cleanup subproject, and an employer reporting portal subproject. The project has and will require copious staff resources across departments until its targeted completion in 2023. ACERA will reduce the volume of other project work during this time.

Administration Initiatives | Implemented an organization-wide scorecard made up of key performance indicators to measure performance outcomes; enhanced and tested ACERA's emergency management and business continuity plans; and restructured certain functions within the organization to the Administration Department to enhance effectiveness and support the PAS replacement project.

Benefits Initiatives | Restructured the Benefits Department through an in depth analysis of processes, volume, and customer service goals; conducted lean process improvement initiative to review service credit purchase workflow, resulting in increased efficiencies and reduced average completion times from 145 days down to 20 days; conducted an RFP for a retiree individual medical plan marketplace; launched an incoming call phone structure featuring direct topic selection that connects callers with topic specialists; reclassified ACERA Retirement Specialist position series I and II to Retirement Technician and Senior Retirement Technician, and Retirement Specialist III to Retirement Benefits Specialist (lead position); transitioned to a new benefits consultant; expanded the wellness program to include 5 events including open houses and wellness walks; optimized the death benefits process and terminations process; initiated a rethink and redesign of ACERA's public website.

Fiscal Services Initiatives | Implemented budget processing workflows in Adaptive Insights software; streamlined vendor payments and cash management with paperless processes; innovated retiree vendor payroll reporting from

an antiquated database system to Pension Gold; received the GFOA award for the 2018 CAFR; received an unqualified opinion for the 2018 external audit; and optimization of department resources by utilizing the lean processes.

Human Resources Initiatives | Developed and launched Workforce Excellence, an associate development program that consolidates performance planning, professional development, and performance evaluation into a single template and management cycle; partnered with the county to utilize their online system to provide ACERA staff with core training.

Internal Audit Initiatives | Developed and launched an internal financial fraud hotline; completed a cybersecurity insurance analysis to review current coverage levels and possible policy gaps.

Investment Initiatives | Modified the strategic allocations in the Real Assets Portfolio to include both liquid and illiquid investments with specific asset allocation targets; conducted a U.S. Small Cap Growth - Domestic Equities manager search and selected a firm; made multiple commitments to private equity managers which involved completion of legal due diligence, background investigations, and successful contract negotiations; initiated an Investment Department optimization project using Lean methodology.

Technology Enhancements | Implemented migration of ACERA's communications to the cloud with Microsoft Office 365 which includes enhanced collaboration features; initiated project to migrate storage to cloud backup; initiated a project to employ Granicus cloud technology to manage Board agendas and minutes; initiated another major upgrade to OnBase, ACERA's document management system; initiated the first phase of an access database replacement project.

Portfolio Performance | As of June 30, 2019, the total fund returned 10.33% (net), year-to-date for 2019. The value of the total fund was \$8.4 billion.

HIGHLIGHTS OF 2020 BUSINESS PLAN

The 2020 business plan is included in this budget document (see Appendix A). These initiatives are linked to goals in the strategic plan. As we implement these items, they are managed as projects—with an assigned project owner and manager and a proposed project plan with timelines and deliverables. Monthly project oversight meetings are held to receive status reports and balance timelines and resources as necessary. Initiatives were prioritized and reduced down due to the expected resource needs for upgrading the existing Pension Administration System.

Highlights of the upcoming business initiatives are listed below.

For the Pension Administration System:

- Contract with the vendor and begin system design
- Access Database Migration (OnBase)
- PAS Data Conversion Clean up
- PAS Correspondence Review

Additional projects include:

- Granicus Implementation
- In-House Lean/Process Excellence Function
- On-the-Job Training (OJT) Structure
- Vision & Dental RFP

- CEM Benchmarking
- Strategic Communication Plan
- Enterprise Risk Management

2019 BUDGET

The 2019 approved budget is \$21.2 million. Based on the current amount of spending and staff estimates of continued spending in 2019, the year-end forecast is determined to be \$20.5 million, which is \$0.8 million less than the approved budget amount. This decrease in expenses is mainly due to unfilled positions and delay in projects.

BASELINE AND PROPOSED 2020 OPERATING EXPENSE BUDGET (OEB)

The starting point for the 2020 OEB is a "baseline" that reflects the anticipated costs of carrying out the same level of services proposed by the ACERA Board in the 2019 Budget. Staff was required to request and justify additional funds with a formal Budget Change Proposal (BCP) for any item affecting the 2020 baseline and proposed 2020 budget. Additional staff positions or changes in salaries for 2020 were requested and justified using a Personnel Change Request (PCR) form. Approvals for changes did not take place without careful review of cost impacts and on-going organizational needs. Reviews were conducted by the Chief Executive Officer, Human Resource Officer (for PCRs), and Fiscal Services Officer before approvals were granted. With the addition of those items, the proposed 2020 budget is \$21.3 million. This is \$0.1 million or 0.5% more than the 2019 approved budget of \$21.2 million. It is also \$0.9 million or 4.2% more than the 2020 baseline budget of \$20.5 million.

The reasons for the budget differences will be explained below.

PROPOSED 2020 BUDGET HIGHLIGHTS

This section highlights the proposed adjustments to the 2020 proposed budget from the 2019 approved budget. A complete review of the differences can be found in Section III.

Staffing

The primary changes in Staffing costs for 2020 are as follows:

The assumption to fill and fund the remaining vacant positions filled by temporary staff in 2019; cost-of-living adjustments, step increases, and an average four percent (4%) performance-driven merit increase for some deep-class positions. While we did reduce funding for some positions that were included in the 2019 budget, the total 2020 increase for staffing from the 2019 approved budget is \$0.6 million, or a net increase of 3.8%.

Staff Development

The primary change in Staff Development costs is a decrease of \$0.03 million for 2020 over the 2019 budget. This difference is due to prioritizing training opportunities and focusing on in-house or county provided training when those options are appropriate.

Professional Fees

The change in Professional Fees for 2020 is an increase of \$0.03 million, primarily due to an increase in actuarial fees.

The senior managers and I look forward to presenting our proposed 2020 operating expense budget to the committee and to the Board of Retirement.

Respectfully submitted,

Lais Molse

Dave Nelsen

Chief Executive Officer

Section II Budget Policies and Process

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Section II

Budget Policies and Process

Budget Policies

ACERA's budget policy, practices, and guidelines are based on the County Employees Retirement Law of 1937 and the ACERA Board of Retirement's Charter.

Legal Requirements

The California Constitution and Statute Section 31580.2(a) of the 1937 Act specifies that the Board of Retirement "shall annually adopt a budget covering the entire expense of administration of the retirement system which expense shall be charged against the earning of the retirement fund..."

As applied to ACERA, § 31580.2(a) also imposes a cap on administrative expenses. Administrative expenses incorporate the limits of § 31580.2(a) (1) of the County Employees Act of 1937; whereby, administrative expenses are capped at "Twenty-one hundredths of one percent (0.21%) of accrued actuarial liabilities of the retirement system". Pursuant to the applicable code sections, certain costs are excluded from the expense cap. Excluded costs include those associated with Business Continuity Planning (BCP), the Supplemental Retiree Benefits Reserve (SRBR) used to pay Other Postretirement Benefits (OPEB and non-OPEB), technology, actuarial, and investment-related fees (including banking and legal fees). Excludable expenses also include the pro rata portion of overhead expense attributable to excludable activities.

ACERA prepares the budget on an accrual basis of accounting in accordance with Generally Accepted Accounting Principles (GAAP), a methodology consistent with ACERA's audited financial statements.

Budget Amendments

Budget line item amounts may be amended, i.e., reallocated from one department to another or moved between categories at the discretion of the Chief Executive Officer, if such action does not increase the overall proposed budget. Conversely, increases to the overall proposed budget are only permitted with the approval of the Board of Retirement (the Board). There are two ways in which the budget can be increased: The first way is through committee action and board approval. And the second way is with a contingency budget that is accepted when the budget is put forth for approval during the annual budget cycle. A contingency budget is useful for current unknown expenses that arise from an event such as legislation, or an action by the Board of Supervisors, or a release of new project; where the event may or will occur but the timing is in question.

Budget Process

ACERA's budget is developed with Adaptive Insights budget software. This flexible budgeting software is a cloud-based program that enables department management and staff to access organizational expense forecasts from any location. It also enables users to view current year actuals, as well as expense forecasts; moreover, users can input and change expense forecast variables to easily prepare "what if" scenarios. These user-friendly features reduce,

and in some cases eliminates, time previously spent converting department provided information into the budget format and circulating the information for review and approval.

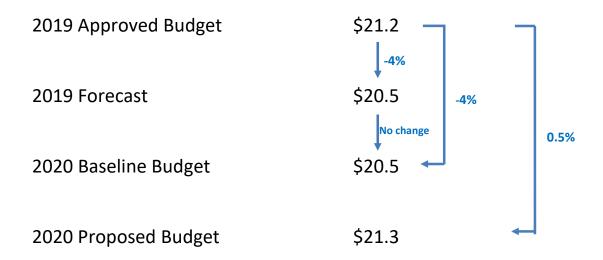
While the Fiscal Services Department Budget Team (budget team) is responsible for the preparation of the budget timeline, ACERA's Senior Leadership Team (SLT) is responsible for establishing business plan initiatives, in detail as to time and cost before the budget process begins, and is responsible for setting budget assumptions for the various expense categories.

It is the responsibility of the budget team to develop the baseline budget once the forecast has been completed. Upon completion of the baseline, department staff and management begin entering information into the budget worksheets. When that step is completed, the budget team prepares the administrative budget based upon SLT prepared time allocations. Throughout the budget preparation process, the budget team now has the ability to monitor the budget progress by using the process tracker and workflows developed in Adaptive Insights. Nevertheless, the budget team continues to be available to meet with department staff and management to answer questions or to strategize the best way to present budget items or develop costs.

Once the proposed budget and the administrative budget are complete, the budget team pulls the information from Adaptive through Office Connect into InDesign (the budget publishing software). The budget team is responsible for preparing the variance analyses, updating changes to the budget, and for reviewing the budget document for submission to the Board of Retirement.

The Chief Executive Officer and the Fiscal Services Officer present the proposed budget to committee and at a future date to the Board. If committee members request changes to the budget, those changes are made and re-presented at the discretion of the committee. The Board's feedback is incorporated into the budget for final approval.

EERA **2020 Budget Process**¹



- 1. The starting point for the 2020 proposed expense budget was to develop a "baseline" budget that reflected the anticipated costs of maintaining the same level of services approved by ACERA's Board of Retirement in the 2019 budget. To that end, the 2020 baseline budget is \$20.5 million, a decrease of 4.0% under the approved 2019 budget.
- 2. Key to developing the 2020 proposed budget was more accurately estimating the forecast by including only incremental expenditures needed to achieve business objectives. But more importantly, it was setting assumptions that guided and prioritized expenditures, yet achieved the following objectives: a) allowed the necessary vacant staff positions to be filled; b) funded projects that directly support strategic goals and business plan initiatives; and, c) funded new programs or projects mandated by state legislation, the Board of Retirement, or management. Following the agreed criteria resulted in a 2020 Proposed Budget of \$21.3 million which is 0.5% over the approved 2019 budget.

¹ Rounding to tenths of millions may impact percentages. Percentages in this document are based on rounding to nearest dollar, as is done in the budget document.

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Section III Operating Expense Budget

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Section III

Operating Expense Budget

The purpose of the annual Operating Expense Budget (OEB) is to forecast and document the necessary resources required to meet ACERA's operating expenses. The OEB provides detailed estimates of anticipated annual expenditures for staffing, staff development, professional fees, office expenses, insurance, member services, systems, board of retirement expenses, uncollectible benefit payments, and capital costs and is contingent on approval by ACERA's Board of Retirement. The OEB does not include estimated expenditures for payment of portfolio management investment expenses reported in Section VIII or payment of member benefits such as pension and Other Post-Employment Benefits (OPEB). Lastly, the OEB functions as a tool for decision making and is a means to monitor business performance.

The annual proposed OEB is derived from a baseline budgeting methodology; whereby, current spending levels are rolled into a "baseline". The overarching assumption of baseline budgeting is that it uses current spending levels as the baseline for establishing future funding requirements. Further, it assumes the future budget will equal the current budget—plus established growth, inflation, increase adjustments, and new expenditures.

The following is a review of the 2020 budget assumptions for each major expense category and the corresponding results:

Staffing and Salary Assumptions

- Merit increase average of 4% per department, for eligible/selected deep class employees;
- Cost of living allowance and associated fringe benefit increase of 3.5%;
- Filling all current vacancies with:
 - o Hire deep-class employees at 80% of the top range; and,
 - o Hire step-class employees at an average Step 3.

Result: Staffing expenses realized a net increase of 8.5% net increase compared to the 2019 forecast.

Staff Development Assumptions

- Staff development expenses were capped to no increase over 2019 budget; and,
- Professional dues and subscriptions were capped to no increase over 2019 forecast.

Result: Staff development realized a (2.8%) net decrease compared to the 2019 forecast.

Professional Fees Assumptions

- Actuarial Fees Funding and SRBR valuations, Triennial experience study, GASB 67/68 and GASB 74/75 valuations, and reporting requirement for ASOP #51 were fixed to service agreement contracts, other actuarial consulting services were estimated at contracted hourly rate;
- Auditor Fees Annual audit, GASB 67/68 and GASB 74/75 schedules were fixed to service agreement contracts, other auditing services were estimated at contracted hourly rate; and,
- Other Consultant Fees Known consulting services (i.e., Benefits, Legal, and Human Resources) were fixed to service agreement contracts, other consulting services were calculated using estimates.

Result: Professional fee expenses realized a 0.2% net increase compared to the 2019 forecast.

Office Expenses Assumptions

- Banking expenses would remain flat with little to no increase over the 2019 forecast;
- Miscellaneous Administrative expenses were capped to no increase over the 2019 forecast;
- Building Operation expenses would experience a 33% increase over the 2019 forecast;
- Communication expenses were capped to no increase over the 2019 forecast;
- Equipment Lease and Maintenance expenses would experience a 8.4% increase over the 2019 forecast;
- Minor Furniture and Equipment expenses would experience a 5.6% increase over the 2019 forecast;
- · Office supplies and Maintenance expenses would remain flat with little to no increase over the 2019 forecast; and,
- Printing and Postage expenses would experience a 7.7% increase over the 2019 forecast.

Result: Office Expense expenditures realized a (5.2%) net decrease compared to the 2019 forecast.

Insurance Assumption

• The 2019/2020 commercial insurance rates remain flat for the last half of 2019/2020. Fiduciary and cyber liability would experience a 9% increase for the first half of 2020/2021. The Alameda County risk insurance rates would remain flat remain flat for last half of 2019/2020, but experience a 5% increase for the first half of 2020/2021. County risk insurance costs are based on a 5-year experience.

Result: Insurance expenses realized a (26%) net decrease compared to the 2019 forecast.

Member Services Assumptions

- Benefit Verification expenses would remain flat with little to no increase over the 2019 forecast;
- Disability Arbitration and Transcript expenses would experience an increase of 19% over the 2019 forecast;
- Disability Medical expenses were capped to no increase over the 2019 forecast;
- Disability Claims expenses were capped to no increase over the 2019 forecast;
- Health Reimbursement Accounts (HRA) expense were capped to no increase over the 2019 forecast;
- Member Training & Education expenses would realize a decrease of (15.8%) under the 2019 forecast; and,
- Printing and Postage expenses were capped to no increase over the 2019 forecast.

Result: Member Services expenses realized a 1.7% net increase compared to the 2019 forecast.

Systems Assumptions

- Business Continuity expenses were capped to no increase over the 2019 forecast;
- Computer Maintenance expenses were capped to no increase over the 2019 forecast;
- County Data Processing expenses were capped to no increase over the 2019 forecast;
- Minor Computer Hardware expenses would realize an increase of 32% over the 2019 forecast; and
- Software License and Maintenance expenses would realize an increase of 0.7% over the 2019 forecast.

Result: Systems expenses realized a (0.6%) net decrease compared to the 2019 forecast.

Board of Retirement Assumptions

 Conference and training expenditure estimates were based on Administration Department survey results and factored in the new policy guidelines;

- Employer reimbursement estimates for elected active members were forecasted using the 3.25% cost of living increase effective December 29, 2019, for unrepresented management; and,
- Elected retired and county appointed members' committee and board meetings compensation expenditures were calculated using the standard policy rate.

Result: Board of Retirement expenses realized a 3.4% net increase compared to the 2019 forecast.

Uncollectible Benefit Payments Assumption

• Uncollectible Benefit Payment expense amounts were based on a discharge schedule.

Result: Uncollectible Benefit Payments expense decreased by (24%) compared to the 2019 forecast.

Depreciation Assumption

· Defined by accounting principles. Additions are tracked with a capital amortization schedule.

Result: Depreciation expense realized a 3.4% net increase compared to the 2019 forecast.

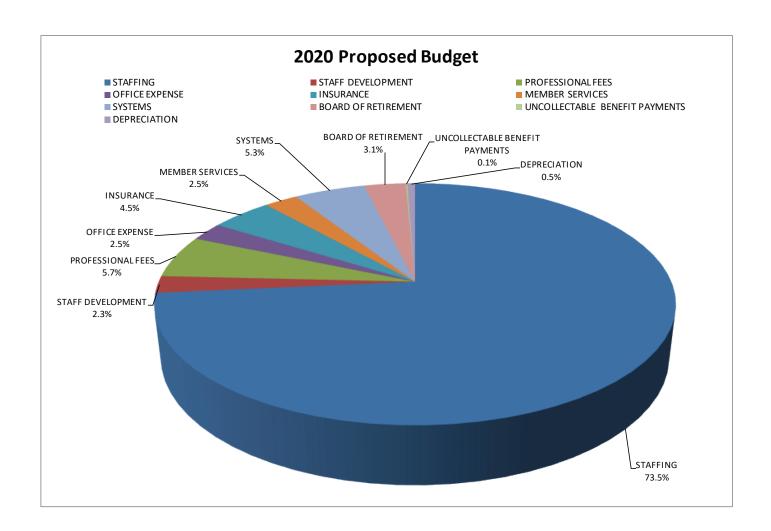
PROPOSED 2020 BUDGET SUMMARY AND COMPARISON

Staff recommends a proposed 2020 budget of \$21.3 million which is:

- \$0.1 million or 0.5% greater than the approved 2019 budget of \$21.2 million;
- \$0.9 million or 4.2% greater than the 2020 baseline budget of \$20.5 million; and,
- \$0.9 million or 4.2% greater than the 2019 forecast of \$20.5 million.

The 2020 administrative budget of \$13.0 million is \$9.1 million under the administrative cap of \$22.1 million. A year-over-year comparison reveals that the 2020 administrative budget of \$13.0 million is \$0.4 million higher than the 2019 administrative budget of \$12.6 million. Approximately \$8.3 million was excluded for the annual operating expense budget of \$21.3 million (see Section VI for administrative budget and allocation schedules).

2020 Proposed Operating Expense Budget (\$ in thousands)	2019 Forecast	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)	% Change	Category % of Total Operating Expenses
Staffing	\$ 14,467	\$ 15,691	\$ 1,224	8.5%	73.5%
Staff Development	496	482	(14)	-2.8%	2.3%
Professional Fees	1,213	1,215	2	0.2%	5.7%
Office Expense	560	531	(29)	-5.2%	2.5%
Insurance	1,307	967	(340)	-26.0%	4.5%
Member Services	518	527	9	1.7%	2.5%
Systems	1,135	1,128	(7)	-0.6%	5.3%
Board Of Retirement	638	660	22	3.4%	3.1%
Uncollectible Benefit Payments	29	22	(7)	-24.1%	0.1%
Depreciation	119	123	4	3.4%	0.5%
OPERATING EXPENSES Total	\$ 20,482	\$ 21,346	\$ 864	4.2%	100.0%



Operating Expense Budget ¹		2019 Budget		2019 Forecast		2019 Forecast . 2019 Budget Over/(Under)		2020 Proposed Budget	2	020 Proposed Budget vs. 019 Forecast Over/(Under)	% Change
STAFFING (p.#21)											
Salaries	\$	9,566,000	\$	8,831,000	\$	(735,000)	\$	9,701,000	\$	870,000	9.9%
Fringe Benefits		5,456,000		5,208,000		(248,000)		5,892,000		684,000	13.1%
Temporary Staff		100,000		428,000		328,000		98,000		(330,000)	-77.1%
Staffing Total		15,122,000		14,467,000		(655,000)		15,691,000		1,224,000	8.5%
STAFF DEVELOPMENT (p.#22)		510,000		496,000		(14,000)		482,000		(14,000)	-2.8%
PROFESSIONAL FEES (p.#26)											
Actuarial Fees		415,000		391,000		(24,000)		466,000		75,000	19.2%
Audit Fees		149,000		149,000		-		153,000		4,000	2.7%
Consultant Fees		388,000		376,000		(12,000)		366,000		(10,000)	-2.7%
Legal Fees		235,000		297,000		62,000		230,000		(67,000)	-22.6%
Professional Fees Total		1,187,000		1,213,000		26,000		1,215,000		2,000	0.2%
OFFICE EXPENSE (p.#28)											
Bank Charges		120,000		120,000		(0.000)		120,000		(22.222)	0.0%
Misc. Administrative Expenses		45,000		42,000		(3,000)		16,000		(26,000)	-61.9%
Building Expenses Communications		63,000		60,000 99,000		(3,000)		80,000		20,000	33.3% -36.4%
Equipment Lease & Maint.		109,000 74,000		107,000		(10,000) 33,000		63,000 116,000		(36,000) 9,000	-30.4% 8.4%
Minor Furniture & Equip.		18,000		18,000		33,000		19,000		1,000	5.6%
Office Supplies & Maint.		97,000		88,000		(9,000)		89,000		1,000	1.1%
Printing & Postage		28,000		26,000		(2,000)		28,000		2,000	7.7%
Office Expense Total		554,000		560,000		6,000		531,000		(29,000)	-5.2%
INSURANCE (p.#29)		1,305,000		1,307,000		2,000		967,000		(340,000)	-26.0%
MEMBER SERVICES (p.#30)											
Benefit Verification		5,000		5,000		-		5,000		_	0.0%
Disability - Arbitration & Transcripts		75,000		63,000		(12,000)		75,000		12,000	19.0%
Disability - Medical Expense		203,000		203,000		-		203,000		-	0.0%
Disability Claims Management		46,000		46,000		-		46,000		-	0.0%
Health Reimbursement Account		60,000		60,000		-		60,000		-	0.0%
Member Training & Education		16,000		19,000		3,000		16,000		(3,000)	-15.8%
Printing & Postage - Members		122,000		122,000		-		122,000		-	0.0%
Member Services Total		527,000		518,000		(9,000)		527,000		9,000	1.7%
SYSTEMS (p.#31)											
Business Continuity Expenses		154,000		154,000		-		147,000		(7,000)	-4.5%
Computer Maintenance		21,000		14,000		(7,000)		-		(14,000)	-100.0%
County Data Processing		106,000		113,000		7,000		113,000		-	0.0%
Minor Computer Hardware		30,000		25,000		(5,000)		33,000		8,000	32.0%
Software License & Maintenance		841,000		829,000		(12,000)		835,000		6,000	0.7%
Systems Total BOARD OF RETIREMENT (p.#32)		1,152,000		1,135,000		(17,000)		1,128,000		(7,000)	-0.6%
UNCOLLECTIBLE BENEFITS		711,000		638,000		(73,000)		660,000		22,000	3.4%
PAYMENTS (p.#34)		20 000		20.000		(10.000)		22 000		(7,000)	24 10/
Total Operating Expenses		39,000 21,107,000		29,000 20,363,000		(10,000) (744,000)		22,000		(7,000)	-24.1% 4.2%
Before Depreciation		21,107,000		20,363,000		(744,000)		21,223,000		860,000	4.2%
DEPRECIATION (p.#33)		126,000		119,000		(7,000)		123,000		4,000	3.4%
TOTAL OPERATING EXPENSE TOTAL PORTFOLIO MANAGE-		21,233,000		20,482,000		(751,000)		21,346,000		864,000	4.2%
MENT INVESTMENT EXPENSE		56,985,000		49,556,000		(7,429,000)		52,696,000		3,140,000	6.3%
TOTAL OPERATING AND PORT-											
FOLIO MANAGEMENT INVEST- MENT EXPENSES	\$	78,218,000	Ś	70,038,000	s	(8,180,000)	\$	74,042,000	s	4,004,000	5.7%
¹ Budget schedules amounts are rounded to the	_		<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(=,200,000)	<u> </u>	,, -, -, -, -, -, -, -, -, -, -,		.,	
CONTINGENCY FUND (p.#89)		177,000		_		(177,000)		315,000		315,000	100.0%
		,000				(=::,000)		3-0,000		3-0,300	

Operating Expense Budget 2020 Baseline vs. 2020 Increments (\$ in thousands)	2019 Forecast	2020 Baseline	2020 Baseline vs. 2019 Forecast Over/ (Under)	2020 Baseline vs. 2019 Forecast % Of Change	2020 Proposed Increments	2020 Proposed Budget (Baseline + Increments)	2020 Proposed Budget (Baseline + Increments) vs.2019 Forecast Over/ (Under)	% Change
STAFFING Salaries	ф 0.021	ф 0.270	¢ 447	E 10/	ф 422	¢ 0.701	ф 070	0.00/
Fringe Benefits	\$ 8,831	\$ 9,278 5,572	\$ 447 364	5.1% 7.0%	*	\$ 9,701	\$ 870 684	9.9% 13.1%
Temporary Staff	5,208 428	79	(349)	-81.5%	320 19	5,892 98	(330)	-77.1%
Staffing Total	14,467	14,929	462	3.2%	762	15,691		8.5%
STAFF DEVELOPMENT	14,467 496	480	(16)	-3.2%	2	482	1,224 (14)	-2.8%
PROFESSIONAL FEES	490	400	(10)	-3.270	2	402	(14)	-2.0%
Actuarial Fees	391	425	34	8.7%	41	466	75	19.2%
Audit Fees	149	153	4	2.7%	-	153	4	2.7%
Consultant Fees	376	326	(50)	-13.3%	40	366	(10)	-2.7%
Legal Fees	297	230	(67)	-22.6%	40	230	(67)	-2.7%
Professional Fees Total	1,213	1,134	(79)	-6.5%	81	1,215	2	0.2%
OFFICE EXPENSE	1,210	1,104	(10)	010 70	01	1,210	-	01270
Bank Charges	120	120	_	0.0%	_	120	_	0.0%
Misc. Administrative Expenses	42	16	(26)	-61.9%	_	16	(26)	-61.9%
Building Expenses	60	80	20	33.3%	_	80	20	33.3%
Communications	99	75	(24)	-24.2%	(12)	63	(36)	-36.4%
Equipment Lease & Maint.	107	113	6	5.6%	3	116	9	8.4%
Minor Furniture & Equipment	18	18	_	0.0%	1	19	1	5.6%
Office Supplies & Maint.	88	87	(1)	-1.1%	2	89	1	1.1%
Printing & Postage	26	28	2	7.7%	_	28	2	7.7%
Office Expense Total	560	537	(23)	-4.1%	(6)	531	(29)	-5.2%
INSURANCE	1,307	967	(340)	-26.0%	-	967	(340)	-26.0%
MEMBER SERVICES								
Benefit Verification	5	5	-	0.0%	-	5	-	0.0%
Disability Arbitr. & Transcripts	63	75	12	19.0%	-	75	12	19.0%
Disability - Medical Expense	203	203	-	0.0%	-	203	-	0.0%
Disability Claims Management	46	46	-	0.0%	-	46	-	0.0%
Health Reimb. Account (HRA)	60	60	-	0.0%	-	60	-	0.0%
Member Training & Education	19	16	(3)	-15.8%	-	16	(3)	-15.8%
Printing & Postage - Members	122	122	_	0.0%	-	122		0.0%
Member Services Total	518	527	9	1.7%	-	527	9	1.7%
SYSTEMS								
Business Continuity Expenses	154	148	(6)	-3.9%	(1)	147	(7)	-4.5%
Computer Maintenance	14	-	(14)	-100.0%	-	-	(14)	-100.0%
County Data Processing	113	112	(1)	-0.9%	1	113	-	0.0%
Minor Computer Hardware	25	30	5	20.0%	3	33	8	32.0%
Software License & Maint.	829	821	(8)	-1.0%	14	835	6	0.7%
Systems Total	1,135	1,111	(24)	-2.1%	17	1,128	(7)	-0.6%
BOARD OF RETIREMENT	638	660	22	3.4%	-	660	22	3.4%
UNCOLLECTIBLE BENEFIT PAYMENTS	29	22	(7)	-24.1%	-	22	(7)	-24.1%
Total Operating Expenses Before Depreciation	20,363	20,367	4	0.0%	856	21,223	860	4.2%
DEPRECIATION	119	119		0.0%	4	123	4	3.4%
TOTAL OPERATING EXPENSE	20,482	20,486	4	0.0%	860	21,346	864	4.2%
TOTAL PORTFOLIO MANAGE- MENT INVESTMENT EXPENSE	49,556	52,679	3,123	6.3%	17	52,696	3,140	6.3%
TOTAL OPERATING AND PORTFOLIO MANAGEMENT INVESTMENT EXPENSES	\$ 70,038	\$ 73,165	\$ 3,127	4.5%	\$ 877	\$ 74,042	\$ 4,004	5.7%

STAFFING (p.#19)

Staffing expense includes salaries, fringe benefits, and temporary services¹.

Headcount by Department	2019 Budget	2019 Forecast	2019 Forecast vs. 2019 Budget Over/(Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/ (Under)
Administration	7	8	1	8	-
Benefits	39	37	(2)	39	2
Fiscal Services	12	12	-	11	(1)
Human Resources	3	3	-	3	-
Internal Audit	3	3	-	3	-
Investments	10	7	(3)	9	2
Legal	6	4	(2)	4	-
PRISM	11	11	-	11	-
HEADCOUNT TOTAL	91	85	(6)	88	3

¹ Headcount does not include temporary Retirement Technician to cover fluctuations in headcount.

Staffing	2019 Budget	2019 Forecast	V	2019 Forecast s. 2019 Budget Over/(Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)	% Change
Administration	\$ 844,000	\$ 837,000	\$	(7,000)	\$ 920,000	\$ 83,000	9.9%
Benefits	3,261,000	3,105,000		(156,000)	3,624,000	519,000	16.7%
Fiscal Services	1,118,000	1,110,000		(8,000)	1,171,000	61,000	5.5%
Human Resources	363,000	360,000		(3,000)	378,000	18,000	5.0%
Internal Audit	425,000	427,000		2,000	438,000	11,000	2.6%
Investments	1,281,000	966,000		(315,000)	1,224,000	258,000	26.7%
Legal	1,032,000	811,000		(221,000)	642,000	(169,000)	-20.8%
PRISM	1,222,000	1,186,000		(36,000)	1,269,000	83,000	7.0%
Total Salaries	9,546,000	8,802,000		(744,000)	9,666,000	864,000	9.8%
Cafeteria Benefit Allowance	235,000	198,000		(37,000)	224,000	26,000	13.1%
Health and Dental	1,440,000	1,375,000		(65,000)	1,555,000	180,000	13.1%
Retirement Contributions	2,968,000	2,880,000		(88,000)	3,258,000	378,000	13.1%
Medicare and SDI	180,000	167,000		(13,000)	189,000	22,000	13.2%
Social Security	562,000	531,000		(31,000)	601,000	70,000	13.2%
Other Benefits (Life Insurance, Def. Comp. and Auto							
Allowance)	71,000	57,000		(14,000)	65,000	8,000	14.0%
Fringe Benefits	5,456,000	5,208,000		(248,000)	5,892,000	684,000	13.1%
Overtime	20,000	29,000		9,000	35,000	6,000	20.7%
Temporary Staffing	100,000	428,000		328,000	98,000	(330,000)	-77.1%
STAFFING EXPENSES Total	\$ 15,122,000	\$ 14,467,000	\$	(655,000)	\$ 15,691,000	\$ 1,224,000	8.5%

Staffing - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast	Var	iance Over/(Under)
 Increase in salaries due to filled vacant positions in mid-year 2019; and projected hiring of permanent personnel for full year 2020: 2-Senior Retirement Technicians, 1-Administrative Support Specialist, 2-Investment Officers, and 1-Senior Investment Officer 	\$	346,000
 Increase in salaries due to COLA, merit increases, vacation sellbacks, promotions and overtime 		524,000
 Increase in fringe benefits attributed to the filling of all vacant positions in 2020 and inflation costs 		684,000
Decrease in temporary staff from hiring permanent staff		(330,000)
Total Over/(Under)	\$	1,224,000

Staffing - Variance Narrative 2019 Forecast vs. 2019 Budget	Varia	nce Over/(Under)
 Net savings from unfilled positions and vacant positions of 1-Senior Investment Officer, 1-Investment Officer, 1-Investment Analyst, 2-Retirement Technicians, and layoff of 2-Associate Counsels; delays in filling the Retirement Technician, Administrative Support Specialist, and Network System Analyst which offset 		
temporary staffing costs	\$	(416,000)
Net savings in fringe benefits due to vacant positions		(248,000)
Net increase in overtime		9,000
Total Over/(Under)	\$	(655,000)

STAFF DEVELOPMENT (p.#19)

Staff Development includes education, training, professional dues, recruitment, and subscription expenses.

Staff Development		2019 Budget	2019 Forecast	vs. 2019 udget Over/ (Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)	% Change
CONFERENCES/TRAININGS American Management Association (AMA)	\$	23,000	\$ -	\$ (23,000)	\$ -	\$ -	0.0%
Adaptive CALAPRS (Roundtable, Mgmt. Academy, General Assembly)		10,000 60,000	10,000 60,000	-	8,000 61,000	(2,000) 1,000	-20.0% 1.7%
CALPERLA		5,000	5,000	-	5,000	-	0.0%
Cybersecurity BCP/Disaster Recovery Journal		8,000	12,000	4,000	12,000	-	0.0%
Conference (DRJ)		9,000	9,000	-	6,000	(3,000)	-33.3%
GFOA		21,000	16,000	(5,000)	11,000	(5,000)	-31.3%
IFEBP		25,000	25,000	-	25,000	-	0.0%
ILPA		10,000	10,000	-	13,000	3,000	30.0%
Institutional Investors		3,000	3,000	-	3,000	-	0.0%
MILKEN		16,000	14,000	(2,000)	16,000	2,000	14.3%
PG User and Onbase Conference		51,000	42,000	(9,000)	48,000	6,000	14.3%
SACRS		44,000	40,000	(4,000)	31,000	(9,000)	-22.5%
Technology Related Trainings		-	19,000	19,000	19,000	-	0.0%
Miscellaneous		116,000	126,000	 10,000	111,000	(15,000)	-11.9%
Sub-Total		401,000	391,000	(10,000)	369,000	(22,000)	-5.6%
PROFESSIONAL DUES & SUBSCRIPTIONS RECRUITMENT EXPENSES	-	106,000 3,000	101,000 4,000	(5,000) 1,000	111,000 2,000	10,000 (2,000)	9.9% -50.0%
STAFF DEVELOPMENT EXPENSES Total	\$	510,000	\$ 496,000	\$ (14,000)	\$ 482,000	\$ (14,000)	-2.8%

2020 Proposed Budget vs. 2019 Forecast		Varia	nce Over/(Under)
CONFERENCE/TRAINING			100 01017 (0111017)
Decrease in attendance of Adaptive, Disaster Recovery Journal, SACRS,			
and other miscellaneous trainings	_	\$	(22,000)
	Sub-total		(22,000)
PROFESSIONAL FEES & SUBSCRIPTIONS			
Increase in professional dues and subscriptions for new advisory council membership			10,000
	Sub-total		10,000
RECRUITMENT			
Decrease in recruitment costs			(2,000)
	Sub-total		(2,000)
Tota	I Over/(Under)	S	(14,000)
	i overy (onder)		(23,000)
	Tovery (onder)	·	nce Over/(Under)
Staff Development - Variance Narrative	Tovery (order)	·	
Staff Development - Variance Narrative 2019 Forecast vs. 2019 Budget CONFERENCE/TRAINING • Decrease in attendance of AMA, GFOA, Pension Gold, Onbase, and SACRS; offset by incre		·	nce Over/(Under)
Staff Development - Variance Narrative 2019 Forecast vs. 2019 Budget CONFERENCE/TRAINING	eases	·	nce Over/(Under)
Staff Development - Variance Narrative 2019 Forecast vs. 2019 Budget CONFERENCE/TRAINING Decrease in attendance of AMA, GFOA, Pension Gold, Onbase, and SACRS; offset by increin miscellaneous and technology related trainings		Varia	nce Over/(Under)
Staff Development - Variance Narrative 2019 Forecast vs. 2019 Budget CONFERENCE/TRAINING Decrease in attendance of AMA, GFOA, Pension Gold, Onbase, and SACRS; offset by increin miscellaneous and technology related trainings PROFESSIONAL FEES & SUBSCRIPTIONS	eases	Varia	(10,000) (10,000)
Staff Development - Variance Narrative 2019 Forecast vs. 2019 Budget CONFERENCE/TRAINING Decrease in attendance of AMA, GFOA, Pension Gold, Onbase, and SACRS; offset by increin miscellaneous and technology related trainings	eases Sub-total	Varia	(10,000) (10,000) (5,000)
Staff Development - Variance Narrative 2019 Forecast vs. 2019 Budget CONFERENCE/TRAINING • Decrease in attendance of AMA, GFOA, Pension Gold, Onbase, and SACRS; offset by increin miscellaneous and technology related trainings PROFESSIONAL FEES & SUBSCRIPTIONS • Decrease in subscriptions and professional dues	eases	Varia	(10,000) (10,000)
Staff Development - Variance Narrative 2019 Forecast vs. 2019 Budget CONFERENCE/TRAINING • Decrease in attendance of AMA, GFOA, Pension Gold, Onbase, and SACRS; offset by increin miscellaneous and technology related trainings PROFESSIONAL FEES & SUBSCRIPTIONS • Decrease in subscriptions and professional dues RECRUITMENT	eases Sub-total	Varia	(10,000) (10,000) (5,000) (5,000)
Staff Development - Variance Narrative 2019 Forecast vs. 2019 Budget CONFERENCE/TRAINING • Decrease in attendance of AMA, GFOA, Pension Gold, Onbase, and SACRS; offset by increin miscellaneous and technology related trainings PROFESSIONAL FEES & SUBSCRIPTIONS • Decrease in subscriptions and professional dues	eases Sub-total	Varia	(10,000) (10,000) (5,000)

Total Over/(Under)

\$

(14,000)

2020 Proposed Budget: Breakdov	wns for Mis	cella	neous Tra	ainings/Con	ferences	
	Administration	n	Benefits	Fiscal Services	Human Resources	Internal Audit
Association of Certified Fraud Examiners (ACFE)	\$	- \$	-	\$ -	\$ -	\$ 3,000
Association OF Public Pension Fund Auditors (APPFA)		_	_	-	-	4,000
Computer Training/County		-	5,000	3,000	-	-
CSDA Conference	3,0	00	-	-	-	-
IDEA Training		-	-	-	-	5,000
Investment Related		-	-	_	-	-
ISCEBS Annual Conference		-	3,000	_	-	-
LMS (Alameda County HRS)		_	_	_	6,000	_
NAPPA		_	_	_	-	_
NCPERS Conference		_	5,000	_	_	_
NASRA Winter & Annual Conference	5.0	00	-	_	_	_
Nossaman Conference	2,0		_	_	_	_
Project Management	2,0	_	_	_	_	_
PRISM Conference		_	_	_	_	_
Staff Development		_	9,000	_	_	_
Miscellaneous Training/Conferences	10,0	20	7,000	4,000	6,000	5,000
Total Other Training/Conferences	20,0		29,000	7,000	12,000	17,000
Adaptive	20,0	JU	29,000	8,000	12,000	17,000
CALAPRS (Roundtable, Mgmt. Academy, General		-	_	0,000	_	_
Assembly)	10,0	20	34,000	11,000		
CALPERLA	10,0	50	34,000	11,000	5,000	-
Cybersecurity		-	-	-	5,000	-
BCP/Disaster Recovery Journal Conference (DRJ)		-	-	-	-	-
GFOA		-	-	- 0.000	-	- 0.000
		-	-	9,000	-	2,000
IFEBP		-	25,000	-	-	-
ILPA		-	-	-	-	-
Institional Investors		-	-	-	-	-
MILKEN		-	-	-	-	-
PG User and Onbase Conference		-	13,000	10,000	-	-
SACRS	6,0	00	13,000	-	-	3,000
Technology Related Trainings		-	-	-	-	-
Other Training/Conferences (from above)	20,0	00	29,000	7,000	12,000	17,000
Total Training/Conferences	36,0	00	114,000	45,000	17,000	22,000
Professional Dues & Subscriptions	37,0	00	3,000	4,000	2,000	4,000
Recruitment Expenses		-	1,000			
TOTAL	\$ 73,0	00 \$	118,000	\$ 49,000	\$ 19,000	\$ 26,000

2020 Proposed Budget: Breakdov	wns for Misce	ellaneous Tr	ainings/Con	ferences
	Investments	Legal	PRISM	Total
Association of Certified Fraud Examiners (ACFE)	\$ -	\$ -	\$ -	\$ 3,000
Association OF Public Pension Fund Auditors				
(APPFA)	-	-	-	4,000
Computer Training/County	-	-	1,000	9,000
CSDA Conference	-	-	-	3,000
IDEA Training	-	-	-	5,000
Investment Related	-	3,000	-	3,000
ISCEBS Annual Conference	-	-	-	3,000
LMS (Alameda County HRS) NAPPA	-	-	-	6,000
NCPERS Conference	-	4,000	-	4,000
NASRA Winter & Annual Conference	-	-	-	5,000
Nossaman Conference	-	-	-	5,000
Project Management	-	-	5,000	2,000 5,000
PRISM Conference	-	-	3,000	3,000
Staff Development	-	-	3,000	9,000
Miscellaneous Training/Conferences	4,000	3,000	3,000	42,000
Total Other Training/Conferences	4,000	10,000	12,000	111,000
Adaptive	-,000	10,000	12,000	8,000
CALAPRS (Roundtable, Mgmt. Academy, General				0,000
Assembly)	2,000	3,000	1,000	61,000
CALPERLA	_,	-	_,	5,000
Cybersecurity	_	-	12,000	12,000
BCP/Disaster Recovery Journal Conference (DRJ)	_	-	6,000	6,000
GFOA	-	-	-	11,000
IFEBP	-	-	-	25,000
ILPA	10,000	3,000	-	13,000
Institional Investors	3,000	-	-	3,000
MILKEN	16,000	-	-	16,000
PG User and Onbase Conference	-	-	25,000	48,000
SACRS	3,000	3,000	3,000	31,000
Technology Related Trainings	-	-	19,000	19,000
Other Training/Conferences (from above)	4,000	10,000	12,000	111,000
Total Training/Conferences	38,000	19,000	78,000	369,000
Professional Dues & Subscriptions	7,000	54,000	-	111,000
Recruitment Expenses	1,000	-	_	2,000
TOTAL	\$ 46,000	\$ 73,000	\$ 78,000	\$ 482,000

PROFESSIONAL FEES (p.#19)

This category excludes investment professional consultant and advisor expenses.

Professional Fees	2019 Budget	2019 Forecast	19 Forecast vs. 2019 udget Over/ (Under)	2020 Proposed Budget	Βι	2020 Proposed adget vs. 2019 Forecast Over/ (Under)	% Change
Actuarial Fees	\$ 415,000	\$ 391,000	\$ (24,000)	\$ 466,000	\$	75,000	19.2%
Audit Fees	149,000	149,000	-	153,000		4,000	2.7%
Consultant Fees	388,000	376,000	(12,000)	366,000		(10,000)	-2.7%
Legal Fees	235,000	297,000	62,000	230,000		(67,000)	-22.6%
PROFESSIONAL FEES TOTAL	\$ 1,187,000	\$ 1,213,000	\$ 26,000	\$ 1,215,000	\$	2,000	0.2%
Actuarial Fees							
Actuarial Valuation	75,000	75,000	-	77,000		2,000	2.7%
ASOP #51, Risk Report	60,000	60,000	-	60,000		-	0.0%
GASB 67 & 68	46,000	46,000	-	48,000		2,000	4.3%
GASB 74 & 75	14,000	14,000	-	14,000		-	0.0%
SRBR Valuation	40,000	40,000	-	41,000		1,000	2.5%
Supplemental Consulting	180,000	156,000	(24,000)	190,000		34,000	21.8%
Triennial Study	_	_	-	36,000		36,000	100.0%
Total Actuarial Fees	\$ 415,000	\$ 391,000	\$ (24,000)	\$ 466,000	\$	75,000	19.2%
Audit Fees							
Audit Fees	126,000	126,000	_	129,000		3,000	2.4%
GASB 67 & 68	12,000	12,000	_	12,000		-	0.0%
GASB 74 & 75	11,000	11,000	_	12,000		1.000	9.1%
Total Audit Fees	\$ 149,000	\$ 149,000	\$ -	\$ 153,000	\$	4,000	2.7%
Consultant Fees							
Administration							
Benchmark Services	20,000	_	(20,000)	20,000		20.000	100.0%
Process Excellence	50,000	50,000	(20,000)			(50,000)	-100.0%
Total Administration	 70,000	50,000	(20,000)	20,000		(30,000)	-60.0%
Benefits	. 0,000	00,000	(=0,000)	_0,000		(00,000)	00.070
Benefit Cons./Open Enroll.	115,000	123,000	8,000	143,000		20,000	16.3%
County Retirees Medical	126,000	126,000	-	126,000			0.0%
Total Benefits	 241,000	249,000	8,000	269,000		20,000	8.0%
Human Resources	,	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Lakeside Group (County Personnel)	77,000	77,000	_	77,000		_	0.0%
Total Human Resources	 77,000	77,000	_	77,000		-	0.0%
Total Consultant Fees	\$ 388,000	\$ 376,000	\$ (12,000)	\$ 366,000	\$	(10,000)	-2.7%
Legal Fees							
Fiduciary	110,000	183,000	73,000	130,000		(53,000)	-29.0%
Misc. Legal Advice	66,000	46,000	(20,000)	60,000		14.000	30.4%
Outside Investigation	20,000	23,000	3,000	-		(23,000)	100.0%
- · · · · · - · · · · · · · · · · ·	•		•				
Tax and Benefit Issues	39,000	45,000	6,000	40,000		(5,000)	-11.1%

Professional Fees - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under	r)
ACTUARIAL			
 Increase in GASB, actuarial valuation and SRBR valuation 		\$ 5,00	00
Increase in supplemental consulting fees		34,00	00
Triennial experience study		36,00	00
	Sub-total	75,00	00
AUDIT			
Increase in audit fees		4,00	00
	Sub-total	4,00	00
CONSULTANTS			
 Decrease in consulting fees for completing process excellence; offset by 			
increases in benchmark services		(30,00	(0)
 Increase in benefits consulting fees due to dental and vision RFP 		20,00	00
	Sub-total	(10,00	0)
LEGAL			
 Decrease in legal fees for fiduciary services 		(53,00	10)
 Decrease in legal fees for tax & benefits, and outside investigations; 			
offset by an increase in miscellaneous legal advice		(14,00	0)
	Sub-total	(67,00	0)
	Total Over/(Under)	\$ 2,00	00

Professional Fees - Variance Narrative 2019 Forecast vs. 2019 Budget		Variance Over/(Under)
CONSULTANTS		
 Increase in benefits consulting fees due to changing of service provider 		\$ 8,000
 Savings from delaying benchmark services 		(20,000)
	Sub-total	(12,000)
ACTUARIAL		
 Savings in supplemental consulting fees due to prior year accruals 		(24,000)
	Sub-total	(24,000)
LEGAL		
Increase in legal fees for fiduciary services		73,000
Decrease in legal fees for miscellaneous legal advice; offset by increases in		
tax & benefits, and outside investigations		(11,000)
	Sub-total	62,000
	Total Over/(Under)	\$ 26,000

OFFICE EXPENSE (p.#19)

This category covers expenses such as building expenses, banking fees, telecommunications, and office equipment.

Office Expense	2019 Budget	2019 Forecast	 vs. 2019 udget Over/ (Under)	2020 Proposed Budget	Bu	2020 Proposed adget vs. 2019 forecast Over/ (Under)	% Change
Bank Charges	\$ 120,000	\$ 120,000	\$ -	\$ 120,000	\$	-	0.0%
Misc. Administrative Expenses	45,000	42,000	(3,000)	16,000		(26,000)	-61.9%
Building Expenses	63,000	60,000	(3,000)	80,000		20,000	33.3%
Communications	109,000	99,000	(10,000)	63,000		(36,000)	-36.4%
Equip. Leasing & Maint.	74,000	107,000	33,000	116,000		9,000	8.4%
Minor Furniture & Equipment	18,000	18,000	-	19,000		1,000	5.6%
Office Supplies & Maint.	97,000	88,000	(9,000)	89,000		1,000	1.1%
Printing & Postage	 28,000	26,000	(2,000)	28,000		2,000	7.7%
OFFICE EXPENSE Total	\$ 554,000	\$ 560,000	\$ 6,000	\$ 531,000	\$	(29,000)	-5.2%

Office Expense - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Verley of Organization
		Variance Over/(Under)
EQUIPMENT, FURNITURE & SUPPLIES		44.000
 Due to inflation in equipment lease, office supplies and maintenance costs 		11,000
	Sub-total	11,000
MISC. ADMINISTRATIVE		
 Decrease in miscellaneous administrative expenses primarily due to asset inventory 		
project completed in 2019 and reduction in new employee onboarding expenses		(26,000)
	Sub-total	(26,000)
PRINTING & POSTAGE		(,,,,,,,
Slight increase in printing & postage expenses		3,000
• Slight increase in printing a postage expenses		2,000
	Sub-total	2,000
BUILDING AND COMMUNICATIONS		
 Savings due to consolidation of email service provider and termination of intranet services 		(36,000)
Increase in building escalation fees		20,000
	Sub-total	(16,000)
Total Ove	er/(Under) \$	(29,000)

Office Expense - Variance Narrative 2019 Forecast vs. 2019 Budget		Variance Over/(Under)
MISCELLANEOUS ADMINISTRATIVE EXPENSES		
 Slight decrease in miscellaneous administrative expenses 		\$ (3,000)
	Sub-total	(3,000)
BUILDING AND COMMUNICATIONS		
 Decrease in cost from transition to new service provider 		(10,000)
 Increase in escalation cost; offset by savings from prior year escalation credits 		(3,000)
	Sub-total	(13,000)
EQUIPMENT, FURNITURE & SUPPLIES		
 Increase resulted from new lease agreement for copier and printer; offset by 		
decrease in office supplies and maintenance		24,000
	Sub-total	24,000
PRINTING & POSTAGE		
Slight decrease in printing volumes		(2,000)
	Sub-total	(2,000)
	Total Over/(Under)	\$ 6,000

INSURANCE (p.#19)

This category includes insurance premiums for business automobile, commercial, earthquake, fiduciary, criminal and cyber liability, employer liability, umbrella, and workers' compensation.

Insurance	2019 Budget	201 Forecas	9	vs. 2019 Budget Over/ (Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)	% Change
Business Automobile	\$ 1,000	\$ 1,00	00 \$	-	\$ 1,000	\$ -	0.0%
Commercial Package	29,000	31,00	00	2,000	31,000	-	0.0%
Crime	8,000	8,00	00	-	8,000	-	0.0%
Cyber Liability	13,000	13,00	00	-	14,000	1,000	11.1%
Earthquake	26,000	26,00	00	-	26,000	-	0.0%
Fiduciary Liability	158,000	158,00	00	-	167,000	9,000	8.5%
Risk Management	808,000	808,00	00	-	455,000	(353,000)	-65.0%
Umbrella	8,000	8,00	00	-	8,000	-	0.0%
Worker's Compensation	254,000	254,00	0	-	257,000	3,000	1.8%
INSURANCE Total	\$ 1,305,000	\$ 1,307,00	0 \$	2,000	\$ 967,000	\$ (340,000)	-26.0%

Insurance - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
ARTHUR GALLAGHER		
 Increase in premium for fiduciary liability and cyber liability 		\$ 10,000
	Sub-Total	10,000
COUNTY RISK MANAGEMENT		
 Significant decrease in risk management due to fewer claims 		(353,000)
Slight increase in worker's compensation		3,000
	Sub-Total	(350,000)
	Total Over/(Under)	\$ (340,000)

Insurance - Variance Narrative 2019 Forecast vs. 2019 Budget		Va	ariance Over/(Under)
ARTHUR GALLAGHER Slight increase in premium for commercial package		\$	2,000
	Sub-Total		2,000
	Total Over/(Under)	\$	2,000

MEMBER SERVICES (p.#19)

MEMBERS TRAINING AND EDUCATION

• Slight increase in retirees wellness program

This category includes expenses for services provided to members, including healthcare plans, enrollments, wellness seminars, communications, disability hearings and evaluations.

Member Services	2019 Budget	2019 Forecast	2019 Forecast vs. 2019 Budget Over/ (Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)	% Change
Benefit Verification Disability - Legal Arbitration & Tran-	\$ 5,000	\$ •		\$ 5,000	•	0.0%
scripts	75,000	63,000	(12,000)	75,000	12,000	19.0%
Disability - Medical	203,000	203,000	-	203,000	-	0.0%
Disability Claims Management	46,000	46,000	-	46,000	-	0.0%
Health Reimbursement Account (HRA)	60,000	60,000	-	60,000	-	0.0%
Member Training & Education	16,000	19,000	3,000	16,000	(3,000)	-15.8%
Printing and Postage - Members	122,000	122,000	-	122,000	-	0.0%
MEMBER SERVICES EXPENSE Total	\$ 527,000	\$ 518,000	\$ (9,000)	\$ 527,000	\$ 9,000	1.7%

Member Services - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
DISABILITY - ARBITRATION		,(,
Increase in the number of disability cases		\$ 12,000
	Sub-total	 12,000
MEMBERS TRAINING AND EDUCATION		,
Retirees wellness program completed in 2019		(3,000)
	Sub-total	(3,000)
	Total Over/(Under)	\$ 9,000
Member Services - Variance Narrative 2019 Forecast vs. 2019 Budget		V
_		Variance Over/(Under)
DISABILITY - ARBITRATION • Lower number of disability cases than budgeted		\$ (12,000)

Sub-total

Sub-total

Total Over/(Under) \$

(12,000)

3,000

3,000

(9,000)

SYSTEMS (p.#19)

This category includes the costs of business continuity planning, county data processing, software maintenance and support, and uncapitalized computer hardware and software.

Systems	2019 Budget	2019 Forecast	vs. 2019 udget Over/ (Under)	2020 Proposed Budget	2	D20 Proposed Budget vs. 019 Forecast Over/(Under)	% Change
Business Continuity Expenses	\$ 154,000	\$ 154,000	\$ -	\$ 147,000	\$	(7,000)	-4.5%
Computer Maintenance	21,000	14,000	(7,000)	-		(14,000)	-100.0%
County Data Processing	106,000	113,000	7,000	113,000		-	0.0%
Minor Computer Hardware	30,000	25,000	(5,000)	33,000		8,000	32.0%
Software License & Maintenance	841,000	829,000	(12,000)	835,000		6,000	0.7%
SYSTEMS Total	\$ 1,152,000	\$ 1,135,000	\$ (17,000)	\$ 1,128,000	\$	(7,000)	-0.6%

Systems - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance	Over/(Under)
SOFTWARE, MAINTENANCE & SUPPORT			
Support for automation of visitors check-in		\$	6,000
	Sub Total		6,000
BUSINESS CONTINUITY EXPENSES			
 Termination of SatCom phone service and transfer of hazardous permits to 			
Administration Department	_		(7,000)
	Sub Total		(7,000)
COMPUTER HARDWARE & MAINTENANCE			
 Transfer costs from computer maintenance to equipment maintenance account 			(14,000)
 Purchase additional computer hardware and IPads for the automation of visitors check-in 			8,000
	Sub Total		(6,000)
Total (Over/(Under)	\$	(7,000)

Systems - Variance Narrative 2019 Forecast vs. 2019 Budget		Variance Over/(Under)
SOFTWARE, MAINTENANCE & SUPPORT		
Savings from database migration project		\$ (12,000
	Sub Total	(12,000
COMPUTER HARDWARE & MAINTENANCE		
 Decrease in computer maintenance and hardware purchases 		(12,000)
	Sub Total	(12,000)
COUNTY DATA PROCESSING		
Increase in data processing usage		7,000
	Sub Total	7,000
	Total Over/(Under)	\$ (17,000)

BOARD OF RETIREMENT (p.#19)

This category covers Board compensation and expenses for meetings, conferences and trainings, employer reimbursement (elected members only), and election expenses.

Board of Retirement	2019 Budget	2019 Forecast	_	019 Forecast vs. 2019 Budget Over/ (Under)	2020 Proposed Budget	20	20 Proposed Budget vs. 019 Forecast ver/(Under)	% Change
Board Compensation	\$ 30,000	\$ 24,000	\$	(6,000)	\$ 29,000	\$	5,000	20.8%
Board Conference and Training	203,000	151,000		(52,000)	221,000		70,000	46.4%
Board Elections	80,000	67,000		(13,000)	-		(67,000)	-100.0%
Board Employer Reimbursement	337,000	347,000		10,000	357,000		10,000	2.9%
Board Miscellaneous Activities	36,000	27,000		(9,000)	30,000		3,000	11.1%
Board Software Maint. & Support	10,000	7,000		(3,000)	13,000		6,000	85.7%
Board Strategic Planning	15,000	15,000		-	10,000		(5,000)	-33.3%
BOARD OF RETIREMENT Total	\$ 711,000	\$ 638,000	\$	(73,000)	\$ 660,000	\$	22,000	3.4%

Board of Retirement - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast	Variance Over/(Under)
No election in 2020	\$ (67,000)
Increase in board compensation	5,000
 Projected increase in board conference and trainings in 2020 	70,000
 Increase in employer reimbursement due to COLA and fringe benefits 	10,000
Slight increase in miscellaneous activities	3,000
 Increase in software maintenance and support; offset by decrease in strategic planning 	1,000
Total Over/(Under)	\$ 22,000

Board of Retirement - Variance Narrative 2019 Forecast vs. 2019 Budget	Variance Over/(Under)
 Increase in employer reimbursement due to COLA and fringe benefits 	\$ 10,000
Decrease in board compensation	(6,000)
Savings due to unattended board conferences and trainings	(52,000)
Delay in implementation of the board software	(3,000)
 Savings due to prior year accrual for board election expense 	(13,000)
Decrease in board miscellaneous activities	(9,000)
Total Over/(Under)	\$ (73,000)

DEPRECIATION (p.#19)

Depreciation expense is the allocation of a capital asset cost over the asset's useful life.

Depreciation	2019 Budget	ı	2019 Forecast	 19 Forecast vs. 2019 dget Over/ (Under)	2020 Proposed Budget	Bud	020 Proposed dget vs. 2019 precast Over/ (Under)	% Change
BCP	\$ -	\$	-	\$ -	\$ 2,000	\$	2,000	100.0%
Computer Software	5,000		5,000	0	4,000		(1,000)	-20.0%
EDMS Admin. Share	-		-	-	1,000		1,000	100.0%
Equipment	23,000		18,000	(5,000)	20,000		2,000	11.1%
Furniture	1,000		1,000	-	1,000		-	0.0%
Leasehold Improvements	97,000		95,000	(2,000)	95,000		-	0.0%
DEPRECIATION Total	\$ 126,000	\$	119,000	\$ (7,000)	\$ 123,000	\$	4,000	3.4%

Depreciation is computed using the straight-line method for most assets over the following estimated useful lives:

•	Computer Hardware Computer Software Equipment Furniture Information System-Retirement Information System-Fiscal Services	5 years 3 years 5 years 7 years 7 years 5 years
	Information System-Fiscal Services	5 years
•	Disaster Recovery Leasehold Improvements	5 years 27.5 years
•	EDMS	5 years

Depreciation - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
 Increase attributed to office equipment and system upgrades 		\$ 5,000
Slight decrease in depreciation of computer software		(1,000)
	Total Over/(Under)	\$ 4,000

Depreciation - Variance Narrative 2019 Forecast vs. 2019 Budget		Variance Over/(Under)
 Savings from office equipment and leasehold improvements 		\$ (7,000)
	Total Over/(Under)	\$ (7,000)

UNCOLLECTIBLE BENEFIT PAYMENTS (p.#19)

After the adoption of the discharge of uncollectibe accounts receivable policy and Board of Retirement authorization, the annual uncollectible accounts receivable balance to be discharged is approximately \$22,000. This balance is comprised of benefit overpayments healthcare premium, payroll deductions, and taxes. Discharges of uncollectible balances normally include one year's worth of transactions, after passage of a four-year period from which collection efforts have been exhausted and the receivable has been declared uncollectible.

Uncollectible Benefit Payments	2019 Budget	201	.9 Forecast	19 Forecast vs. 2019 dget Over/ (Under)	202	0 Proposed Budget	Bu	020 Proposed dget vs. 2019 precast Over/ (Under)	% Change
Uncollectible Benefit Payments	\$ 39,000	\$	29,000	\$ (10,000)	\$	22,000	\$	(7,000)	-24.1%
Total	\$ 39,000	\$	29,000	\$ (10,000)	\$	22,000	\$	(7,000)	-24.1%

Uncollectible Benefit Payments - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
Decrease in uncollectible benefit payments	\$	(7,000)
	Total Over/(Under) \$	(7,000)

Uncollectible Benefit Payments - Variance Narrative 2019 Forecast vs. 2019 Budget		Variance Over	r/(Under)
 Expected lower uncollectible benefit payments 		\$	(10,000)
	Total Over/(Under)	\$	(10,000)

Section IV

Departmental Operating Expense Budgets

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Section IV

Departmental Operating Expense Budgets

ACERA operations are organized into eight departments: Administration, Benefits, Fiscal Services, Human Resources, Internal Audit, Investments, Legal, and Project and Information Services Management (PRISM).

Departments		2019 Budget	2019 Forecast	vs.	019 Forecast 2019 Budget Over/(Under)	2020 Proposed Budget	Budg	0 Proposed et vs. 2019 ecast Over/ (Under)	% Change
Administration (p.#38)	\$ 4,	568,000	\$ 4,472,000	\$	(96,000)	\$ 4,288,000	\$	(184,000)	-4.1%
Benefits (p.#42)	6	,517,000	6,232,000		(285,000)	6,918,000		686,000	11.0%
Fiscal Services (p.#45)	2,	,170,000	2,191,000		21,000	2,293,000		102,000	4.7%
Human Resources (p.#47)		663,000	697,000		34,000	728,000		31,000	4.4%
Internal Audit (p.#49)		653,000	720,000		67,000	742,000		22,000	3.1%
Investment (p.#51)	1,	936,000	1,568,000		(368,000)	1,982,000		414,000	26.4%
Legal ^(p.#53)	1,	,816,000	1,719,000		(97,000)	1,394,000		(325,000)	-18.9%
PRISM (p.#55)	2,	,819,000	2,792,000		(27,000)	2,951,000		159,000	5.7%
Total Depart. Expenses	21,:	142,000	20,391,000		(751,000)	21,296,000		905,000	4.4%
PROJECTS 1		91,000	91,000		-	50,000		(41,000)	-45.1%
Total Depart. Exp. + Projects	\$ 21,	233,000	\$ 20,482,000	\$	(751,000)	\$ 21,346,000	\$	864,000	4.2%

¹ See Section V

ADMINISTRATION DEPARTMENT (0.#37)

The Administration Department is led by the Chief Executive Officer who plans, manages, and administers the business of the retirement system and coordinates external outreach with legislators and member organizations.

Administration Department	2019 Budget	2019 Forecast	2019 Forecas vs. 2019 Budget Over (Under)	2020 Proposed Budget	2	020 Proposed Budget vs. 019 Forecast Over/(Under)	% Change
STAFFING								
Salaries	\$ 844,000	\$ 837,000	\$ (7,000)) :	\$ 920,000	\$	83,000	9.9%
Fringe Benefits	433,000	472,000	39,00	0	517,000		45,000	9.5%
Temporary Staff	32,000	32,000		-	-		(32,000)	-100.0%
Staffing Total	1,309,000	1,341,000	32,00	0	1,437,000		96,000	7.2%
STAFF DEVELOPMENT	68,000	59,000	(9,000)	73,000		14,000	23.7%
PROFESSIONAL FEES								
Actuarial Fees	415,000	391,000	(24,000))	466,000		75,000	19.2%
Consultant Fees	70,000	50,000	(20,000))	20,000		(30,000)	-60.0%
Professional Fees Total	 485,000	441,000	(44,000)	486,000		45,000	10.2%
OFFICE EXPENSE								
Miscellaneous Administrative	45,000	42,000	(3,000))	16,000		(26,000)	-61.9%
Building Expenses	63,000	60,000	(3,000))	80,000		20,000	33.3%
Communications	109,000	99,000	(10,000))	63,000		(36,000)	-36.4%
Equipment Lease & Maintenance	74,000	107,000	33,00	0	116,000		9,000	8.4%
Minor Furniture & Equipment	3,000	3,000		-	4,000		1,000	33.3%
Office Supplies & Maintenance	97,000	88,000	(9,000))	89,000		1,000	1.1%
Printing & Postage	28,000	26,000	(2,000))	28,000		2,000	7.7%
Office Expense Total	419,000	425,000	6,00	0	396,000		(29,000)	-6.8%
INSURANCE	1,305,000	1,307,000	2,00	0	967,000		(340,000)	-26.0%
SYSTEMS								
County Data Processing	106,000	113,000	7,00	0	113,000		-	0.0%
Software Maintenance & Support	-	-		-	11,000		11,000	100.0%
Systems Total	106,000	113,000	7,00	0	124,000		11,000	9.7%
BOARD OF RETIREMENT								
Board Conferences & Miscellaneous								
Activity	711,000	638,000	(73,000)	660,000		22,000	3.4%
UNCOLLECTIBLE BENEFIT PAYMENTS	39,000	29,000	(10,000)	22,000		(7,000)	-24.1%
DEPRECIATION								
Depreciation Expense	126,000	119,000	(7,000)	123,000		4,000	3.4%
GRAND TOTAL	\$ 4,568,000	\$ 4,472,000	\$ (96,000) :	\$ 4,288,000	\$	(184,000)	-4.1%

Administration Department - Variance Narrative		
2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
STAFFING		
 Increase in salaries due to COLA, merit increase, vacation sellbacks, and Administrative Support Specialist position 	\$	83,000
Increase in fringe benefits due to inflation costs	Ψ	45,000
Decrease in temporary staff from hiring permanent staff		(32,000)
bed case in temporary start from ming permanent stari	Sub-Total	96,000
TAFF DEVELOPMENT		
Increase in attendance of trainings and conferences		14,000
	Sub-Total	14,000
ROFESSIONAL FEES		
Increase in GASB, actuarial valuation and SRBR valuation		5,000
Increase in supplemental consulting fees		34,000
Increase due to new Triennial Experience Study		36,000
 Decrease in consulting fees for process excellence; offset by increases in benchmark services 		(30,000)
SETTLE EVDENCE	Sub-Total	45,000
FFICE EXPENSE		44.000
Inflation costs of equipment lease, office supplies and maintenance costs Decrease in miscellaneous administrative expenses primarily due to completion of		11,000
 Decrease in miscellaneous administrative expenses primarily due to completion of asset inventory project and reduction in new employee onboarding expenses 		(26,000)
Slight increase in printing & postage		2,000
 Savings due to consolidation of service provider and termination of intranet services 		(36,000)
Increase in building escalation fees		20,000
	Sub-Total	(29,000)
NSURANCE		, ,
ARTHUR GALLAGHER		
Increase in premium for fiduciary liability		9,000
Slight increase in premium for cyber liability		1,000
COUNTY RISK MANAGEMENT		
Significant decrease in employer liability		(353,000)
Slight increase in worker's compensation	—	3,000
VOTEMO	Sub-Total	(340,000)
YSTEMS Implementation for automation of visitors shock in system		11 000
Implementation for automation of visitors check-in system	Sub-Total	11,000 11,000
OARD OF RETIREMENT	Sub-Total	11,000
No board election in 2020		(67,000)
Increase in board compensation		5,000
Projected increase in board conference and trainings in 2020		70,000
Increase in employer reimbursement due to COLA and fringe benefits		10,000
Slight increase in miscellaneous activities		3,000
Increase in software maintenance and support; offset by decrease in strategic planning		1,000
	Sub-Total	22,000
NCOLLECTIBLE BENEFIT PAYMENTS		
Decrease in uncollectible benefit payments		(7,000)
	Sub-Total	(7,000)
Increase attributed to office equipment and system upgrades		
 DEPRECIATION EXPENSE Increase attributed to office equipment and system upgrades Slight decrease in depreciation of computer software 	Sub-Total	5,000 (1,000) 4,000

Administration Department - Variance Narrative 2019 Forecast vs. 2019 Budget	,	Variance Over/(Under)
STAFFING		
Change of benefit calculation in 2019 forecast	\$	32,000
	Sub-Total	32,000
STAFF DEVELOPMENT		
Savings due to unattended conferences and trainings		(9,000)
	Sub-Total	(9,000)
PROFESSIONAL FEES		()
Saving due to prior year accruals		(24,000)
Saving from delaying benchmark services		(20,000)
DEFICE EVERNOR	Sub-Total	(44,000)
OFFICE EXPENSE		(0.000)
Slight decrease in miscellaneous administrative expenses		(3,000)
Decrease in communication due to the transition to new service provider		(10,000)
• Increase in escalation cost; offset by savings from prior year escalation credits		(3,000)
 Increase resulted from new lease agreement for copier and printer; offset by decrease in office supplies & maintenance 		24,000
Slight decrease in printing volumes		(2,000)
Slight decrease in printing volumes	Sub-Total	(2,000) 6,000
NSURANCE	Sub-Total	0,000
ARTHUR GALLAGHER		
Slight increase in premium for commercial package		2,000
))(CTT-14C	Sub-Total	2,000
YSTEMS		7000
Increase in data processing usage		7,000
OLDD OF RETURNE	Sub-Total	7,000
OARD OF RETIREMENT		
Increase in employer reimbursement due to COLA and fringe benefits		10,000
Decrease in board compensation		(6,000)
Savings due to unattended board conferences and trainings		(52,000)
Delay in implementation of the board software		(3,000)
Savings due to prior year accrual for board election expense		(13,000)
Decrease in board miscellaneous activities		(9,000)
I II I'I PENEET DAVMENTO	Sub-Total	(73,000)
Incollectible BENEFIT PAYMENTS		(40.000)
Expected lower uncollectible benefit payments	Code Total	(10,000)
APPRICATION EVENCE	Sub-Total	(10,000)
DEPRECIATION EXPENSE		(7000)
Savings from office equipment and leasehold improvements	Code Taxal	(7,000)
	Sub-Total	(7,000)
	Total Over/(Under) \$	(96,000)

Administration Department Professional Fees	201	19 Budget	2019 Forecast	2	2019 Forecast vs. 019 Budget er/(Under)	2020	Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/ (Under)	% Change
Consultant Fees									
Benchmark Services	\$	20,000	\$ -	\$	(20,000)	\$	20,000	\$ 20,000	100.0%
Process Excellence		50,000	50,000		-		-	(50,000)	-100.0%
Sub-Total		70,000	50,000		(20,000)		20,000	(30,000)	-60.0%
Actuarial Fees									
Actuarial Valuation		75,000	75,000		-		77,000	2,000	2.7%
ASOP #51, Risk Report		60,000	60,000		-		60,000	-	0.0%
GASB 67 & 68		46,000	46,000		-		48,000	2,000	4.3%
GASB 74 & 75		14,000	14,000		-		14,000	-	0.0%
SRBR Valuation		40,000	40,000		-		41,000	1,000	2.5%
Supplemental Consulting		180,000	156,000		(24,000)		190,000	34,000	21.8%
Triennial Study		-	-		-		36,000	36,000	100.0%
Sub-Total		415,000	391,000		(24,000)		466,000	75,000	19.2%
Administration Total	\$	485,000	\$ 441,000	\$	(44,000)	\$	486,000	\$ 45,000	10.2%

Administration Department Staffing	2019 Budget	2019 Forecast	2019 Forecast vs. 2019 Budget Over/(Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)
Chief Executive Officer	\$ 275,000	\$ 275,000	\$ -	\$ 294,000	\$ 19,000
Assistant CEO	186,000	176,000	(10,000)	181,000	5,000
Admin Assistant	72,000	72,000	-	75,000	3,000
Administrative Support Specialist	31,000	30,000	(1,000)	67,000	37,000
Administrative Specialist II	72,000	75,000	3,000	82,000	7,000
Clerk II	53,000	53,000	-	55,000	2,000
Executive Secretary	109,000	109,000	-	112,000	3,000
Supply Clerk II	46,000	47,000	1,000	54,000	7,000
Sub-total Salaries ¹	844,000	837,000	(7,000)	920,000	83,000
Fringe Benefits	433,000	472,000	39,000	517,000	45,000
Temporary Staff	32,000	32,000	-	-	(32,000)
Administration Total	\$ 1,309,000	\$ 1,341,000	\$ 32,000	\$ 1,437,000	\$ 96,000

¹Sub-total salaries include base salary, work out of class, footnotes and vacation sellback.

BENEFITS DEPARTMENT (p.#37)

The Benefits Department administers all benefit programs and provides multiple services to active, deferred and retired ACERA members.

Benefits Department	2019 Budget	2019 Forecast	 Forecast vs. 2019 get Over/ (Under)	2020 Proposed Budget	2	020 Proposed Budget vs. 2019 Forecast Over/(Under)	% Change
STAFFING							
Salaries	\$ 3,281,000	\$ 3,126,000	\$ (155,000)	\$ 3,659,000	\$	533,000	17.1%
Fringe Benefits	2,291,000	1,855,000	(436,000)	2,266,000		411,000	22.2%
Temporary Staff	68,000	363,000	295,000	94,000		(269,000)	-74.1%
Staffing Total	5,640,000	5,344,000	(296,000)	6,019,000		675,000	12.6%
STAFF DEVELOPMENT	120,000	120,000	-	118,000		(2,000)	-1.7%
PROFESSIONAL FEES	241,000	249,000	8,000	269,000		20,000	8.0%
MEMBER SERVICES							
Benefit Verification	5,000	5,000	-	5,000		-	0.0%
Disability - Medical Expense	203,000	203,000	-	203,000		-	0.0%
Disability Claims Management	46,000	46,000	-	46,000		-	0.0%
Health Reimburs.Account (HRA)	60,000	60,000	-	60,000		-	0.0%
Member Training & Education	16,000	19,000	3,000	16,000		(3,000)	-15.8%
Printing & Postage - Members	122,000	122,000	-	122,000		-	0.0%
Member Services Total	452,000	455,000	3,000	452,000		(3,000)	-0.7%
SYSTEMS							
Software Maint./Support	64,000	64,000	-	60,000		(4,000)	-6.3%
Systems Total	64,000	64,000	-	60,000		(4,000)	-6.3%
GRAND TOTAL	\$ 6,517,000	\$ 6,232,000	\$ (285,000)	\$ 6,918,000	\$	686,000	11.0%

Benefits Department - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
STAFFING		, , , , , , , , , , , , , , , , , , , ,
 Increase in salaries from all vacant positions being filled in 2020, COLA, merit increase, vacation sellbacks, and overtime 	\$	533,000
 Increase in fringe benefits attributed to the filling of all vacant positions in 2020 and 		
inflation costs		411,000
Decrease in temporary staff from hiring permanent staff		(269,000)
Sub-	·Total	675,000
STAFF DEVELOPMENT		
Savings due to unattended conferences and trainings		(2,000)
	·Total	(2,000)
PROFESSIONAL FEES		(=,555)
Increase in consulting fees due to dental and vision RFP		20,000
	·Total	20,000
	·IOLAI	20,000
MEMBER SERVICES		
Retirees wellness program completed in 2019		(3,000)
Sub-	·Total	(3,000)
SYSTEMS		
Decrease in software maintenance and support		(4,000)
Sub-	-Total	(4,000)
Total Over/(U	nder) \$	686,000

Benefits Department - Variance Narrative 2019 Forecast vs. 2019 Budget		Variance Over/(Under)
STAFFING		
 Savings from vacant positions and delays in filling the Retirement Technicians 		\$ (155,000)
 Saving in fringe benefits due to vacant positions 		(436,000)
 Increase attributed to vacant positions filled by temporary staff 		295,000
	Sub-Total	(296,000)
PROFESSIONAL FEES		
 Increase in consulting fees due to changing of service provider 		8,000
	Sub-Total	8,000
MEMBER SERVICES		
Slight increase in retirees wellness program		3,000
	Sub-Total	3,000
	Total Over/(Under)	\$ (285,000)

Benefits Department Professional Fees	20)19 Budget	201	.9 Forecast	19 Forecast vs. 2019 dget Over/ (Under)	20	020 Proposed Budget	20	20 Proposed Budget vs. 019 Forecast ver/(Under)	% Change
Benefits Consultant/Open Enrollment County Retirees Medical (Benefit Consultant)	\$	115,000 126,000	\$	123,000 126,000	\$ 8,000	\$	143,000 126,000	\$	20,000	16.3%
Benefits Total	\$	241,000	\$	249,000	\$ 8,000	\$	269,000	\$	20,000	8.0%

Benefits Department Staffing	2019 Budget	2019 Forecast	2019 Forecast vs. 2019 Budget Over/(Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)
Assistant CEO	\$ 233,000	\$ 233,000	\$ -	\$ 241,000	\$ 8,000
Administrative Specialist II	92,000	90,000	(2,000)	93,000	3,000
Administrative Specialist II	90,000	90,000	-	93,000	3,000
Administrative Specialist II	88,000	88,000	-	91,000	3,000
Administrative Support Specialist	67,000	67,000	-	72,000	5,000
Communications Manager	102,000	102,000	-	106,000	4,000
Graphic Designer	77,000	77,000	-	83,000	6,000
Retirement Assistant Benefits Manager	110,000	106,000	(4,000)	114,000	8,000
Retirement Assistant Benefits Manager	133,000	128,000	(5,000)	138,000	10,000
Retirement Benefits Manager	132,000	138,000	6,000	151,000	13,000
Retirement Benefits Manager	168,000	167,000	(1,000)	174,000	7,000
Retirement Benefits Specialist	95,000	95,000	-	98,000	3,000
Retirement Benefits Specialist	95,000	95,000	-	100,000	5,000
Retirement Benefits Specialist	95,000	95,000	-	98,000	3,000
Retirement Benefits Specialist	95,000	95,000	-	98,000	3,000
Retirement Benefits Specialist	67,000	79,000	12,000	89,000	10,000
Retirement Benefits Specialist	60,000	70,000	10,000	88,000	18,000
Retirement Support Specialist	58,000	58,000	-	60,000	2,000
Retirement Support Specialist	58,000	58,000	-	60,000	2,000
Retirement Support Specialist	55,000	55,000	-	60,000	5,000
Retirement Technician	66,000	74,000	8,000	77,000	3,000
Retirement Technician	63,000	45,000	(18,000)	76,000	31,000
Retirement Technician	66,000	66,000	-	77,000	11,000
Retirement Technician	60,000	62,000	2,000	68,000	6,000
Retirement Technician	60,000	60,000	-	71,000	11,000
Retirement Technician	60,000	37,000	(23,000)	68,000	31,000
Retirement Technician	60,000	37,000	(23,000)	73,000	36,000
Retirement Technician	58,000	58,000	-	70,000	12,000
Senior Retirement Technician	60,000	43,000	(17,000)	81,000	38,000
Senior Retirement Technician	58,000	23,000	(35,000)	83,000	60,000
Senior Retirement Technician	52,000	-	(52,000)	83,000	83,000
Senior Retirement Technician	68,000	68,000	-	81,000	13,000
Senior Retirement Technician	65,000	65,000	-	77,000	12,000
Senior Retirement Technician	93,000	89,000	(4,000)	92,000	3,000
Senior Retirement Technician	93,000	92,000	(1,000)	92,000	-
Senior Retirement Technician	93,000	89,000	(4,000)	92,000	3,000
Senior Retirement Technician	81,000	81,000	-	87,000	6,000
Senior Retirement Technician	75,000	78,000	3,000	87,000	9,000
Senior Retirement Technician	60,000	52,000	(8,000)	82,000	30,000
Sub-total Salaries ¹	3,261,000	3,105,000	(156,000)	3,624,000	519,000
Fringe Benefits	2,291,000	1,855,000	(436,000)	2,266,000	411,000
Temporary Staff	68,000	363,000	295,000	94,000	(269,000)
Overtime	20,000	21,000	1,000	35,000	14,000
Benefits Total	\$ 5,640,000	\$ 5,344,000	\$ (296,000)	\$ 6,019,000	\$ 675,000

 $^{^1\!\}text{Total}$ salaries include base salary, work out of class, footnotes and vacation sellback.

FISCAL SERVICES DEPARTMENT (p.#37)

The Fiscal Services Department prepares Board reports, the Comprehensive Annual Financial Report (CAFR), and the annual budget. The Department accounts for cash management, retiree and vendor payrolls, capital assets, and operating expenditures.

Fiscal Services Department	2019 Budget	2019 Forecast	2019 Forecast vs. 2019 Budget Over/ (Under)	2020 Proposed Budget	201	Proposed Budget vs. 9 Forecast er/(Under)	% Change
STAFFING							
Salaries	\$ 1,118,000	\$ 1,118,000	\$ -	\$ 1,171,000	\$	53,000	4.7%
Fringe Benefits	678,000	700,000	22,000	744,000		44,000	6.3%
Staffing Total	 1,796,000	1,818,000	22,000	1,915,000		97,000	5.3%
STAFF DEVELOPMENT	50,000	50,000	-	49,000		(1,000)	-2.0%
PROFESSIONAL FEES							
External Audit	149,000	149,000	-	153,000		4,000	2.7%
Professional Fees Total	149,000	149,000	-	153,000		4,000	2.7%
OFFICE EXPENSE							
Bank Charges	120,000	120,000	-	120,000		-	0.0%
Office Expense Total	120,000	120,000	-	120,000		-	0.0%
SYSTEMS							
Software Maint./Support	55,000	54,000	(1,000)	56,000		2,000	3.7%
Systems Total	55,000	54,000	(1,000)	56,000		2,000	3.7%
GRAND TOTAL	\$ 2,170,000	\$ 2,191,000	\$ 21,000	\$ 2,293,000	\$	102,000	4.7%

Fiscal Services Department - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
STAFFING		
 Increase in salaries due to COLA, step increase, and vacation sellbacks 		\$ 53,000
 Increase in fringe benefits due to inflation costs 		44,000
	Sub-Total	97,000
STAFF DEVELOPMENT		
 Slight savings due to unattended conferences and trainings 		(1,000)
	Sub-Total	(1,000)
PROFESSIONAL FEES		
Increase in audit fees		4,000
	Sub-Total	4,000
SYSTEMS		
Slight increase in software maintenance and support		2,000
	Sub-Total	2,000
	Total Over/(Under)	\$ 102,000

• Slight decrease in software maintenance and support

DRAFT

Sub-Total

Total Over/(Under)

(1,000)

(1,000)

21,000

Fiscal Services Department - Variance Narrative 2019 Forecast vs. 2019 Budget STAFFING • Change of benefit calculation in 2019 forecast Sub-Total \$ 22,000 \$ 22,000

Fiscal Services Department Professional Fees	201	19 Budget	2019 Forecast	 19 Forecast vs. 2019 idget Over/ (Under)	2020 Proposed Budget	2	020 Proposed Budget vs. 2019 Forecast Over/(Under)	% Change
External Audit	\$	126,000	\$ 126,000	\$ -	\$ 129,000	\$	3,000	2.4%
GASB 67 & 68		12,000	12,000	-	12,000		-	0.0%
GASB 74 & 75		11,000	11,000	-	12,000		1,000	9.1%
Fiscal Services Total	\$	149,000	\$ 149,000	\$ -	\$ 153,000	\$	4,000	2.7%

Fiscal Services Department Staffing	2019 Budget	2019 Forecast	2019 Forecast vs. 2019 Budget Over/(Under)	2020 Proposed Budget	2	020 Proposed Budget vs. 2019 Forecast Over/(Under)
Retirement Assistant Accounting Manager	\$ 135,000	\$ 142,000	\$ 7,000	\$ 147,000	\$	5,000
Administrative Assistant	72,000	75,000	3,000	78,000		3,000
Financial Services Specialist II	88,000	84,000	(4,000)	91,000		7,000
Financial Services Specialist II	92,000	92,000	-	96,000		4,000
Retirement Accountant III	95,000	89,000	(6,000)	98,000		9,000
Retirement Accountant III	108,000	107,000	(1,000)	111,000		4,000
Retirement Budget Analyst	115,000	115,000	-	120,000		5,000
Retirement Accountant II	96,000	96,000	-	100,000		4,000
Retirement Accountant II	100,000	100,000	-	37,000		(63,000)
Retirement Accountant II	21,000	14,000	(7,000)	90,000		76,000
Retirement Accountant II	96,000	96,000	-	100,000		4,000
Retirement Accountant II	100,000	100,000	-	103,000		3,000
Sub-total Salaries ¹	1,118,000	1,110,000	(8,000)	1,171,000		61,000
Fringe Benefits	678,000	700,000	22,000	744,000		44,000
Overtime	-	8,000	8,000	-		(8,000)
Fiscal Services Total	\$ 1,796,000	\$ 1,818,000	\$ 22,000	\$ 1,915,000	\$	97,000

¹Sub-total salaries include base salary, work out of class, footnotes and vacation sellback.

HUMAN RESOURCES DEPARTMENT (p.#37)

The Human Resource Department handles personnel issues, training programs and management consultation.

Human Resources Department	2019 Budget	2019 Forecast	vs. 2019 udget Over/ (Under)	2020 Proposed Budget	20	20 Proposed Budget vs. 019 Forecast Over/(Under)	% Change
STAFFING							
Salaries	\$ 363,000	\$ 360,000	\$ (3,000)	\$ 378,000	\$	18,000	5.0%
Fringe Benefits	189,000	225,000	36,000	239,000		14,000	6.2%
Staffing Total	552,000	585,000	33,000	617,000		32,000	5.5%
STAFF DEVELOPMENT	19,000	20,000	1,000	19,000		(1,000)	-5.0%
PROFESSIONAL FEES	77,000	77,000	-	77,000		-	0.0%
OFFICE EXPENSE							
Ergo. Furniture & Equipment	15,000	15,000	-	15,000		-	0.0%
Office Expense Total	15,000	15,000	-	15,000		-	0.0%
GRAND TOTAL	\$ 663,000	\$ 697,000	\$ 34,000	\$ 728,000	\$	31,000	4.4%

Human Resources Department - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
STAFFING		
 Increase in salaries due to COLA, merit increase, and vacation sellbacks 		\$ 18,000
 Increase in fringe benefits due to inflation costs 		14,000
	Sub-total	32,000
STAFF DEVELOPMENT		
Savings due to unattended conferences and trainings		(1,000)
	Sub-total	(1,000)
	Total Over/(Under)	\$ 31,000

Human Resources Department - Variance Narrative 2019 Forecast vs. 2019 Budget		Variance Over/(Under)
STAFFING		
Saving due to timing of merit increase	:	\$ (3,000)
Change of benefit calculation in 2019 forecast		36,000
	Sub-total	33,000
STAFF DEVELOPMENT		
 Slight increase in attended conferences and trainings 		1,000
	Sub-total	1,000
То	tal Over/(Under)	\$ 34,000

Human Resources Department Professional Fees	2019 Budget	2019 Forecast	19 Forecast vs. 2019 udget Over/ (Under)	2020 Proposed Budget	20	20 Proposed Budget vs. 019 Forecast over/(Under)	% Change
Consultant Fees - Lakeside Group	\$ 77,000	\$ 77,000	\$ -	\$ 77,000	\$	-	0.0%
Human Resources Total	\$ 77,000	\$ 77,000	\$ -	\$ 77,000	\$	-	0.0%

Human Resources Department Staffing	2019 Budget	2019 Forecast	2019 Foreca vs. 201 Budg Over/(Unde	.9 et	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)
Human Resources Officer	\$ 168,000	\$ 168,000	\$	- \$	173,000	\$ 5,000
Human Resources Specialist	113,000	113,000		-	117,000	4,000
Administrative Specialist II	82,000	79,000	(3,00	0)	88,000	9,000
Sub-total Salaries ¹	363,000	360,000	(3,00	0)	378,000	18,000
Fringe Benefits	189,000	225,000	36,0	00	239,000	14,000
Human Resources Total	\$ 552,000	\$ 585,000	\$ 33,0	00 \$	617,000	\$ 32,000

¹Sub-total salaries include base salary, work out of class, footnotes and vacation sellback.

INTERNAL AUDIT DEPARTMENT (p.#37)

The Internal Audit Department prepares an annual internal audit plan, conducts internal operational audits and employer audits, and provides periodic reports to the Board of Retirement Audit Committee.

Internal Audit Department	2019 Budget	2019 Forecast	_	vs. 2019 Budget Over/ (Under)	2020 Proposed Budget	Bu	020 Proposed dget vs. 2019 orecast Over/ (Under)	% Change
STAFFING								
Salaries	\$ 425,000	\$ 427,000	\$	2,000	\$ 438,000	\$	11,000	2.6%
Fringe Benefits	189,000	260,000		71,000	272,000		12,000	4.6%
Temporary Staff	-	-		-	4,000		4,000	100.0%
Staffing Total	614,000	687,000		73,000	714,000		27,000	3.9%
STAFF DEVELOPMENT	27,000	29,000		2,000	26,000		(3,000)	-10.3%
SYSTEMS	12,000	4,000		(8,000)	2,000		(2,000)	-50.0%
GRAND TOTAL	\$ 653,000	\$ 720,000	\$	67,000	\$ 742,000	\$	22,000	3.1%

Internal Audit Department - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Ove	er/(Under)
STAFFING			
 Increase in salaries from COLA and vacation sellbacks 		\$	11,000
 Increase in fringe benefits due to inflation costs 			12,000
Increase due to hiring of a part-time intern			4,000
	Sub-Total		27,000
STAFF DEVELOPMENT			
Savings due to unattended conferences and trainings			(3,000)
	Sub-Total		(3,000)
SOFTWARE MAINTENANCE AND SUPPORT			
Change in projected costs for audit software			(2,000)
	Sub-Total		(2,000)
	Total Over/(Under)	\$	22,000

Internal Audit Department - Variance Narrative 2019 Forecast vs. 2019 Budget		Variance Over/(Under)
STAFFING		
Slight increase in salaries due to vacation sellbacks		\$ 2,000
Change of benefit calculation in 2019 forecast		71,000
	Sub-Total	73,000
STAFF DEVELOPMENT		
Slight increase in attended conferences and trainings		2,000
	Sub-Total	2,000
SOFTWARE MAINTENANCE AND SUPPORT		
Deferred audit management software implementation		(8,000)
	Sub-Total	(8,000)
	Total Over/(Under)	\$ 67,000

Internal Audit Department Staffing	2019 Budget	2019 Forecast	2019 Forecast vs. 2019 Budget Over/(Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)
Chief Internal Auditor	\$ 168,000	\$ 168,000	\$ -	\$ 174,000	\$ 6,000
Internal Auditor	114,000	116,000	2,000	117,000	1,000
Retirement Assistant Accounting Manager	143,000	143,000	-	147,000	4,000
Sub-total Salaries ¹	425,000	427,000	2,000	438,000	11,000
Fringe Benefits	189,000	260,000	71,000	272,000	12,000
Temporary Staff	-	-	-	4,000	4,000
Internal Audit Total	\$ 614,000	\$ 687,000	\$ 73,000	\$ 714,000	\$ 27,000

 $^{^1\!\}text{Sub-total}$ salaries include base salary, work out of class, footnotes and vacation sellback.

INVESTMENT DEPARTMENT (p.#37)

The Investment Department oversees ACERA's investment program, recommending and implementing Board of Retirement investment decisions.

Investment Department	2019 Budget		2019 Forecast		2019 Forecast vs. 2019 Budget Over/ (Under)		2020 Proposed Budget		20	20 Proposed Budget vs. 019 Forecast Over/(Under)	% Change
STAFFING											
Salaries	\$	1,281,000	\$	966,000	\$	(315,000)	\$	1,224,000	\$	258,000	26.7%
Fringe Benefits		600,000		520,000		(80,000)		712,000		192,000	36.9%
Temporary Staff		-		33,000		33,000		-		(33,000)	-100.0%
Staffing Total		1,881,000		1,519,000		(362,000)		1,936,000		417,000	27.5%
STAFF DEVELOPMENT		55,000		49,000		(6,000)		46,000		(3,000)	-6.1%
GRAND TOTAL	\$	1,936,000	\$	1,568,000	\$	(368,000)	\$	1,982,000	\$	414,000	26.4%

Investment Department - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
STAFFING		
 Increase due to filling vacant positions, vacation sellbacks, COLA, and merit increase 	\$	258,000
 Increase in fringe benefits due to filling vacant positions and inflation costs 		192,000
Decrease in temporary staff from hiring permanent staff		(33,000)
Sub-Tota	al	417,000
STAFF DEVELOPMENT		
Savings due to unattended conferences and trainings		(3,000)
Sub-Tota	al	(3,000)
Total Over/(Under) \$	414,000

Investment Department - Variance Narrative 2019 Forecast vs. 2019 Budget		Variance Ove	er/(Under)
STAFFING			
Saving in salaries from vacant positions		\$	(315,000)
 Saving in fringe benefits from vacant positions 			(80,000)
 Temporary costs resulting from vacant position 			33,000
	Sub-Total		(362,000)
STAFF DEVELOPMENT			
 Savings due to unattended conferences and trainings 			(6,000)
	Sub-Total		(6,000)
	Total Over/(Under)	\$	(368,000)

Investment Department Staffing	2019 Budget	2019 Forecast	2019 Forecast s. 2019 Budget Over/(Under)	2020 Proposed Budget	Bu	020 Proposed dget vs. 2019 Forecast Over/(Under)
Chief Investment Officer	\$ 306,000	\$ 306,000	\$ -	\$ 325,000	\$	19,000
Administrative Specialist II	94,000	94,000	-	97,000		3,000
Administrative Support Specialist	66,000	46,000	(20,000)	74,000		28,000
Investment Analyst	108,000	44,000	(64,000)	89,000		45,000
Investment Analyst	45,000	-	(45,000)	-		-
Investment Officer	108,000	112,000	4,000	121,000		9,000
Investment Officer	109,000	114,000	5,000	123,000		9,000
Investment Officer	134,000	133,000	(1,000)	139,000		6,000
Investment Officer	143,000	49,000	(94,000)	112,000		63,000
Sr. Investment Officer	168,000	68,000	(100,000)	144,000		76,000
Sub-total Salaries ¹	1,281,000	966,000	(315,000)	1,224,000		258,000
Fringe Benefits	600,000	520,000	(80,000)	712,000		192,000
Temporary Staff	-	33,000	33,000	-		(33,000)
Investment Total	\$ 1,881,000	\$ 1,519,000	\$ (362,000)	\$ 1,936,000	\$	417,000

¹Sub-total salaries include base salary, work out of class, footnotes and vacation sellback.

LEGAL DEPARTMENT (p.#37)

The Legal Department provides legal advice and assistance to the ACERA Board of Retirement and staff.

Legal Department	2019 Budget	2019 Forecast	vs. 2019 sudget Over/ (Under)	2020 Proposed Budget	20	20 Proposed Budget vs. 019 Forecast over/(Under)	% Change
STAFFING							
Salaries	\$ 1,032,000	\$ 811,000	\$ (221,000)	\$ 642,000	\$	(169,000)	-20.8%
Fringe Benefits	372,000	444,000	72,000	353,000		(91,000)	-20.5%
Staffing Total	1,404,000	1,255,000	(149,000)	995,000		(260,000)	-20.7%
STAFF DEVELOPMENT	82,000	84,000	2,000	73,000		(11,000)	-13.1%
PROFESSIONAL FEES	235,000	297,000	62,000	230,000		(67,000)	-22.6%
DISABILITY-ARBITRATION & TRANSCRIPTS	75,000	63,000	(12,000)	75,000		12,000	19.0%
SYSTEMS							
Software Maintenance & Support	20,000	20,000	-	21,000		1,000.00	5.0%
Systems Total	20,000	20,000	-	21,000		1,000.00	5.0%
GRAND TOTAL	\$ 1,816,000	\$ 1,719,000	\$ (97,000)	\$ 1,394,000	\$	(325,000)	-18.9%

Legal Department - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variand	ce Over/(Under)
STAFFING			,(,
Savings from defunded positions		\$	(169,000)
 Decrease in fringe benefits from defunded positions 			(91,000)
	Sub-Total		(260,000)
STAFF DEVELOPMENT			
Reduction in conferences and trainings			(11,000)
	Sub-Total		(11,000)
PROFESSIONAL FEES			
 Decrease in legal fees for fiduciary services 			(53,000)
 Decrease in legal fees for tax & benefits and outside investigations; 			
offset by increase in miscellaneous legal advice	_		(14,000)
	Sub-Total		(67,000)
DISABILITY-LEGAL TRANSCRIPTS			
Increase in disability cases			12,000
	Sub-Total		12,000
SYSTEMS			
 Increase in software maintenance and support 			1,000
	Sub-Total		1,000
	Total Over/(Under)	\$	(325,000)

Legal Department - Variance Narrative		
2019 Forecast vs. 2019 Budget		Variance Over/(Under)
STAFFING		,, ,
 Decrease in salaries due to the layoff of two Associate Counsel positions 		\$ (221,000)
Change of benefit calculation in 2019 forecast		72,000
	Sub-Total	(149,000)
STAFF DEVELOPMENT		
Slight increase in professional dues		2,000
	Sub-Total	2,000
PROFESSIONAL FEES		
Increase in legal fees for fiduciary services		73,000
Decrease in legal fees for miscellaneous legal advice;		
offset by increase in tax & benefits and outside investigations	_	(11,000)
	Sub-Total	62,000
DISABILITY-LEGAL TRANSCRIPTS		
 Lower number of cases than budgeted 		(12,000)
	Sub-Total	(12,000)
	Total Over/(Under)	\$ (97,000)

Legal Department Professional Fees	2019 Budget	2019 Forecast	2019 Forecast vs. 2019 Budget Over/ (Under)	20	020 Proposed Budget	:	020 Proposed Budget vs. 2019 Forecast Over/(Under)	% Change
Fiduciary	\$ 110,000	\$ 183,000	\$ 73,000	\$	130,000	\$	(53,000)	-29.0%
Misc. Legal Advice	66,000	46,000	(20,000)		60,000		14,000	30.4%
Outside Investigation	20,000	23,000	3,000		-		(23,000)	-100.0%
Tax and Benefit Issues	39,000	45,000	6,000		40,000		(5,000)	-11.1%
Legal Total	\$ 235,000	\$ 297,000	\$ 62,000	\$	230,000	\$	(67,000)	-22.6%

Legal Department Staffing		2019 Budget	2019 Forecast	2019 Forecast vs. 2019 Budget Over/(Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)
Chief Counsel	\$	258,000	\$ 252,000	\$ (6,000)	\$ 267,000	\$ 15,000
Administrative Specialist II		76,000	76,000	-	82,000	6,000
Administrative Support Specialist		71,000	71,000	-	74,000	3,000
Associate Counsel		224,000	118,000	(106,000)	-	(118,000)
Associate Counsel		191,000	82,000	(109,000)	-	(82,000)
Associate Counsel		212,000	212,000	-	219,000	7,000
Sub-total Salaries ¹	-	1,032,000	811,000	(221,000)	642,000	(169,000)
Fringe Benefits		372,000	444,000	72,000	353,000	(91,000)
Legal Total	\$	1,404,000	\$ 1,255,000	\$ (149,000)	\$ 995,000	\$ (260,000)

 $^{^1\!\}text{Sub-total}$ salaries include base salary, work out of class, footnotes and vacation sellback.

PRISM DEPARTMENT (p.#37)

The PRISM Department assesses and resolves operational problems in existing and new technology systems.

PRISM Department	2019 Budget	2019 Forecast	9 Forecast vs. 2019 lget Over/ (Under)	2020 Proposed Budget	2	020 Proposed Budget vs. 019 Forecast Over/(Under)	% Change
STAFFING							
Salaries	\$ 1,222,000	\$ 1,186,000	\$ (36,000)	\$ 1,269,000	\$	83,000	7.0%
Fringe Benefits	704,000	732,000	28,000	789,000		57,000	7.8%
Staffing Total	1,926,000	1,918,000	(8,000)	2,058,000		140,000	7.3%
STAFF DEVELOPMENT	89,000	85,000	(4,000)	78,000		(7,000)	-8.2%
SYSTEMS							
Business Continuity Expenses	154,000	154,000	-	147,000		(7,000)	-4.5%
Computer Maintenance	21,000	14,000	(7,000)	-		(14,000)	-100.0%
Minor Computer Hardware	30,000	25,000	(5,000)	33,000		8,000	32.0%
Software Maint.& Support	599,000	596,000	(3,000)	635,000		39,000	6.5%
Systems Total	 804,000	789,000	(15,000)	815,000		26,000	3.3%
GRAND TOTAL	\$ 2,819,000	\$ 2,792,000	\$ (27,000)	\$ 2,951,000	\$	159,000	5.7%

PRISM Department - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
STAFFING		,(,
 Increase in salaries due to filling vacant position, merit increases, and vacation sellbacks 		\$ 83,000
Increase in fringe benefits due to inflation costs		57,000
	Sub-Total	140,000
STAFF DEVELOPMENT		
Savings due to unattended conferences and trainings		(7,000)
	Sub-Total	(7,000)
SOFTWARE MAINTENANCE AND SUPPORT		
Decrease in cybersecurity hardware costs		(7,000)
Transfer costs from computer maintenance to equipment		
maintenance account; offset by increase in computer hardware purchases		(6,000)
 Increase due to transferring email costs from communications 		
and change of service providers		39,000
	Sub-Total	26,000
	Total Over/(Under)	\$ 159,000

PRISM Department - Variance Narrative 2019 Forecast vs. 2019 Budget		Variance Over/(Under)
STAFFING		
 Saving from vacant Computer Network System Analyst position 		\$ (36,000)
Change of benefit calculation in 2019 forecast		28,000
	Sub-Total	(8,000)
STAFF DEVELOPMENT		
Savings due to unattended conferences and trainings		(4,000)
· ·	Sub-Total	(4,000)
SOFTWARE MAINTENANCE AND SUPPORT		
Decrease in computer maintenance and hardware purchases		(12,000)
Slight decrease in software maintenance and support		(3,000)
- "	Sub-Total	(15,000)
	Total Over/(Under)	\$ (27,000)

PRISM Department Staffing	2019 Budget	2019 Forecast	2019 Forecast vs. 2019 Budget Over/(Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/(Under)	
Retirement Tech Officer	\$ 166,000	\$ 166,000	\$ -	\$ 180,000	\$ 14,000)
Administrative Specialist II	79,000	80,000	1,000	93,000	13,000)
Computer and Network System Specialist	96,000	93,000	(3,000)	100,000	7,000)
Computer and Network System Analyst	144,000	111,000	(33,000)	120,000	9,000)
Retirement Support Specialist	58,000	58,000	-	60,000	2,000)
Retirement Support Specialist	58,000	58,000	-	60,000	2,000)
Retirement System Program Analyst	122,000	121,000	(1,000)	134,000	13,000)
Retirement System Program Analyst	128,000	128,000	-	133,000	5,000)
Retirement System Program Analyst	124,000	124,000	-	128,000	4,000)
Retirement System Program Analyst	124,000	124,000	-	128,000	4,000)
Security Analyst	117,000	117,000	-	120,000	3,000)
Supply Clerk II	6,000	6,000	-	-	(6,000))
Lean Team/Process Excellence	-	-	-	13,000	13,000)
Sub-total Salaries ¹	1,222,000	1,186,000	(36,000)	1,269,000	83,000)
Fringe Benefits	704,000	732,000	28,000	789,000	57,000)
Prism Total	\$ 1,926,000	\$ 1,918,000	\$ (8,000)	\$ 2,058,000	\$ 140,000)

¹Sub-total salaries include base salary, work out of class, footnotes and vacation sellback.

Section V Enterprise-wide Projects

Section V

Enterprise-wide Projects

PROJECTS	2019 Budget	20	019 Forecast	2019 Forecast vs. 2019 Budget Over/ (Under)	20	020 Proposed Budget	2	020 Proposed Budget vs. 2019 Forecast Over/(Under)	% Change
SYSTEMS	\$ 91,000	\$	91,000	\$ -	\$	50,000	\$	(41,000)	-45.1%
GRAND TOTAL	\$ 91,000	\$	91,000	\$ -	\$	50,000	\$	(41,000)	-45.1%

Projects System	20)19 Budget	20	19 Forecast	019 Forecast vs. 2019 Budget Over/ (Under)	20	20 Proposed Budget	2	D20 Proposed Budget vs. 019 Forecast Over/(Under)	% Change
Database Migration	\$	75,000	\$	75,000	\$ -	\$	50,000	\$	(25,000)	-33.3%
Web Member Services		16,000		16,000	-		-		(16,000)	-100.0%
Grand Total	\$	91,000	\$	91,000	\$ -	\$	50,000	\$	(41,000)	-45.1%

PROJECT - Variance Narrative 2020 Proposed Budget vs. 2019 Forecast		Variance Over/(Under)
SYSTEMSCompleted Web Member Services project		\$ (16,000)
Reduction in Database Migration costs	_	(25,000)
	Sub-Total	(41,000)
	Total Over/(Under)	\$ (41,000)

Section VIAdministrative Budget

Section VI:

Administrative Budget

The Administrative Budget incorporates the limits of Section 31580.2 of the County Employees Act of 1937; whereby administrative expenses are "capped" at 0.21% of actuarially accrued liabilities. Pursuant to the relevant code sections, certain costs are excluded from the expense cap. Excluded costs include those associated with actuarial fees, business continuity planning (BCP), investments, legal, SRBR, and technology. Excludable expenses also include a pro rata portion of overhead expense attributable to excludable activities. In the 2020 administrative budget, ACERA is \$9.1 million under the cap limit of \$22.1 million.

BCP EXPENSES			2019 Fore	ıdget	2020	0 Proposed	2020 Pr Budget v Forecas	s. 2019 t Over/
BUDGET ALLOCATION	2019 Budget	 Forecast	Over/(U	•		Budget		(Under)
STAFFING STAFF DEVELOPMENT	\$ 392,000	\$ 390,000	\$ (2	,000)	\$	417,000	\$	27,000
STAFF DEVELOPMENT	10,000	10,000		-		10,000		-
PROFESSIONAL FEES								
Consultant Fees - Operations	4,000	3,000	(1	,000)		3,000		-
OFFICE EXPENSE								
Bank Charges & Miscellaneous Admin.	4,000	4,000		-		4,000		-
Building Expenses	2,000	2,000		-		2,000		-
Communications	3,000	3,000		-		2,000		(1,000)
Equipment Lease & Maintenance	2,000	2,000		-		3,000		1,000
Minor Furniture and Equipment	1,000	1,000		-		1,000		-
Office Supplies & Maintenance	3,000	2,000	(1	L,000)		2,000		-
Printing & Postage	 1,000	1,000		-		1,000		
Office Expense Total	16,000	15,000	(1	,000)		15,000		-
INSURANCE SYSTEMS	34,000	34,000		-		26,000		(8,000)
Disaster Recovery & Business Continuity DEPRECIATION	154,000	154,000		-		147,000		(7,000)
Depreciation Expense - Technology	-	_		_		2,000		2,000
Depreciation Expense - Other	3,000	3,000		-		3,000		-
Depreciation Total	3,000	3,000		-		5,000		2,000
GRAND TOTAL	\$ 613,000	\$ 609,000	\$ (4	,000)	\$	623,000	\$	14,000

INVESTMENT EXPENSES BUDGET ALLOCATION	2019 Budget	2	2019 Forecast	V	2019 Forecast s. 2019 Budget Over/(Under)	20	20 Proposed Budget	Bud	20 Proposed get vs. 2019 recast Over/ (Under)
STAFFING									
Staffing - Direct	\$ 1,879,000	\$	1,518,000	\$	(361,000)	\$	1,927,000	\$	409,000
Staffing - Indirect	752,000		710,000		(42,000)		807,000		97,000
Staffing Total	2,631,000		2,228,000		(403,000)		2,734,000		506,000
STAFF DEVELOPMENT	122,000		113,000		(9,000)		109,000		(4,000)
PROFESSIONAL FEES									
Consultant Fees - Operations	26,000		23,000		(3,000)		17,000		(6,000)
External Audit	37,000		38,000		1,000		38,000		-
Professional Fees Total	63,000		61,000		(2,000)		55,000		(6,000)
OFFICE EXPENSE									
Bank Charges & Miscellaneous Admin.	30,000		29,000		(1,000)		24,000		(5,000)
Building Expenses	11,000		11,000		-		14,000		3,000
Communications	19,000		18,000		(1,000)		11,000		(7,000)
Equipment Lease & Maintenance	13,000		20,000		7,000		20,000		-
Minor Furniture and Equipment	3,000		3,000		-		3,000		-
Office Supplies & Maintenance	17,000		16,000		(1,000)		16,000		-
Printing & Postage	 5,000		4,000		(1,000)		5,000		1,000
Office Expense Total	98,000		101,000		3,000		93,000		(8,000)
INSURANCE	233,000		233,000		-		168,000		(65,000)
DEPRECIATION									
Depreciation Expense - Other	22,000		20,000		(2,000)		21,000		1,000
Depreciation Total	22,000		20,000		(2,000)		21,000		1,000
BOARD OF RETIREMENT									
Board Training & Miscellaneous Activity	178,000		160,000		(18,000)		165,000		5,000
GRAND TOTAL	\$ 3,347,000	\$	2,916,000	\$	(431,000)	\$	3,345,000	\$	429,000

LEGAL EXPENSES BUDGET ALLOCATION	2019 Budget	2019 Forecast	vs.	2019 Forecast 2019 Budget Over/(Under)	20	20 Proposed Budget	Bu	020 Proposed dget vs. 2019 precast Over/ (Under)
STAFFING	\$ 972,000	\$ 869,000	\$	(103,000)	\$	514,000	\$	(355,000)
STAFF DEVELOPMENT	106,000	108,000		2,000		85,000		(23,000)
PROFESSIONAL FEES								
Consultant Fees - Operations	10,000	8,000		(2,000)		3,000		(5,000)
Consultant Fees - Legal	235,000	297,000		62,000		230,000		(67,000)
Professional Fees Total	245,000	305,000		60,000		233,000		(72,000)
OFFICE EXPENSE								
Bank Charges & Miscellaneous Admin.	11,000	10,000		(1,000)		4,000		(6,000)
Building Expenses	4,000	4,000		-		3,000		(1,000)
Communications	7,000	6,000		(1,000)		2,000		(4,000)
Equipment Lease & Maintenance	5,000	7,000		2,000		4,000		(3,000)
Minor Furniture and Equipment	1,000	1,000		-		1,000		-
Office Supplies & Maintenance	6,000	6,000		-		3,000		(3,000)
Printing & Postage	 2,000	2,000		-		1,000		(1,000)
Office Expense Total	36,000	36,000		-		18,000		(18,000)
INSURANCE	84,000	85,000		1,000		32,000		(53,000)
MEMBER SERVICES								
Disability - Legal Arbitration & Transcripts	75,000	63,000		(12,000)		75,000		12,000
SYSTEMS								
Software Maintenance & Support	20,000	20,000		-		21,000		1,000
DEPRECIATION	8,000	7,000		(1,000)		4,000		(3,000)
BOARD OF RETIREMENT								
Board Training & Miscellaneous Activity	72,000	65,000		(7,000)		68,000		3,000
GRAND TOTAL	\$ 1,618,000	\$ 1,558,000	\$	(60,000)	\$	1,050,000	\$	(508,000)

SRBR EXPENSES BUDGET ALLOCATION	2019 Budget	2019 Forecast	2019 Forecast . 2019 Budget Over/(Under)	2	020 Proposed Budget	Bu	020 Proposed dget vs. 2019 orecast Over/ (Under)
STAFFING	\$ 1,129,000	\$ 1,079,000	\$ (50,000)	\$	1,328,000	\$	249,000
PROFESSIONAL FEES							
Actuarial - SRBR Valuation	40,000	40,000	-		41,000		1,000
Consultant Fees - SRBR	241,000	249,000	8,000		269,000		20,000
Professional Fees Total	281,000	289,000	8,000		310,000		21,000
MEMBER SERVICES							
Health Reimbursement Account (HRA)	60,000	60,000	-		60,000		-
Printing & Postage - Members	61,000	61,000	-		61,000		
Member Services Total	121,000	121,000	-		121,000		-
BOARD OF RETIREMENT							
Board Training & Miscellaneous Activities	178,000	159,000	(19,000)		165,000		6,000
UNCOLLECTIBLE BENEFIT PAYMENTS	3,000	-	(3,000)		-		
GRAND TOTAL	\$ 1,712,000	\$ 1,648,000	\$ (64,000)	\$	1,924,000	\$	276,000

TECHNOLOGY EXPENSES BUDGET ALLOCATION	2019 Budget	2019 Forecast	2019 Forecast c. 2019 Budget Over/(Under)	2	2020 Proposed Budget	Вι	2020 Proposed udget vs. 2019 Forecast Over/ (Under)
SYSTEMS							
Computer Hardware & Maintenance	\$ 51,000	\$ 39,000	\$ (12,000)	\$	33,000	\$	(6,000)
County Data Processing	106,000	113,000	7,000		113,000		-
Software Maintenance & Support	821,000	809,000	(12,000)		814,000		5,000
Systems Total	978,000	961,000	(17,000)		960,000		(1,000)
DEPRECIATION	 5,000	5,000	-		4,000		(1,000)
GRAND TOTAL	\$ 983,000	\$ 966,000	\$ (17,000)	\$	964,000	\$	(2,000)

ADMINISTRATIVE EXPENSES BUDGET ALLOCATION	2019 Budget	2	2019 Forecast	2019 Forecas vs. 2019 Budge Over/(Under	t	2020 Proposed Budget	20	20 Proposed Budget vs. 019 Forecast over/(Under)
STAFFING	\$ 9,998,000	\$	9,901,000	\$ (97,000) (10,698,000	\$	797,000
STAFF DEVELOPMENT	272,000		265,000	(7,000)	278,000		13,000
PROFESSIONAL FEES								
Consultant Fees - Operations	107,000		93,000	(14,000))	74,000		(19,000)
External Audit	 112,000		111,000	(1,000)	115,000		4,000
Professional Fees Total	219,000		204,000	(15,000)	189,000		(15,000)
OFFICE EXPENSE								
Bank Charges & Miscellaneous Admin.	120,000		118,000	(2,000))	104,000		(14,000)
Building Expenses	46,000		44,000	(2,000))	61,000		17,000
Communications	80,000		72,000	(8,000))	48,000		(24,000)
Equipment Lease & Maintenance	54,000		78,000	24,00	0	89,000		11,000
Minor Furniture and Equipment	13,000		13,000		-	14,000		1,000
Office Supplies & Maintenance	71,000		64,000	(7,000	,	68,000		4,000
Printing & Postage	 20,000		19,000	(1,000)	21,000		2,000
Office Expense Total	404,000		408,000	4,00	0	405,000		(3,000)
INSURANCE	954,000		955,000	1,00	0	741,000		(214,000)
MEMBER SERVICES								
Benefit Verification	5,000		5,000		-	5,000		-
Members Medical Expense	203,000		203,000		-	203,000		-
Disability Claims Management	46,000		46,000		-	46,000		-
Member Training & Education	16,000		19,000	3,00	0	16,000		(3,000)
Printing & Postage - Members	 61,000		61,000		-	61,000		
Member Services Total	331,000		334,000	3,00	0	331,000		(3,000)
DEPRECIATION	88,000		84,000	(4,000)	89,000		5,000
BOARD OF RETIREMENT								
Board Training & Miscellaneous Activity	283,000		254,000	(29,000)	262,000		8,000
UNCOLLECTIBLE BENEFIT PAYMENTS	36,000		29,000	(7,000)	22,000		(7,000)
GRAND TOTAL	\$ 12,585,000	\$	12,434,000	\$ (151,000) 5	13,015,000	\$	581,000

Administrative								
			2020					
Expense Budget	2020	2020	Business	2020			2020	2020
Overview	Proposed	Actuarial	Continuity	Investment	2020 Legal	2020 SRBR	Technology	Administrative
(\$ in thousands)	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget
STAFFING	\$ 15,691	\$ -	\$ (417)	\$ (2,734)	\$ (514)	\$ (1,328)	\$ -	\$ (10,698)
STAFF DEVELOPMENT	482	-	(10)	(109)	(85)	-	-	(278)
PROFESSIONAL FEES								
Actuarial Fees	466	(425)	-	-	-	(41)	-	-
Audit Fees	153	-	-	(38)	-	-	-	(115)
Consultant Fees	366	-	(3)	(17)	(3)	(269)	-	(74)
Legal Fees	230	-	-	-	(230)	-	-	-
Professional Fees Total	1,215	(425)	(3)	(55)	(233)	(310)	-	(189)
OFFICE EXPENSE								
Bank Charges & Misc. Admin	136	_	(4)	(24)	(4)	_	_	(104)
Building Expenses	80	_	(2)	(14)	(3)	_	_	(61)
Communications	63	_	(2)	(11)	(2)	_	_	(48)
Equipment Lease & Maint.	116	_	(3)	(20)	(4)	_	_	(89)
Minor Furniture & Equipment	19		(1)	(3)	(1)			(14)
Office Supplies & Mainte-	19	_	(1)	(3)	(1)	_	_	(14)
nance	89		(2)	(16)	(3)	_	_	(68)
Printing & Postage	28	_	(1)	(5)	(1)	_	_	(21)
Office Expense Total	531		(15)	(93)	(18)			(405)
INSURANCE	967	_	(26)	(168)	(32)	_	-	(741)
MEMBER SERVICES	907	-	(20)	(100)	(32)	-	-	(/41)
Benefit Verification	-							(E)
	5	-	-	-	-	-	-	(5)
Disability - Legal Arbitration & Transcripts	75				(75)			
•	75	-	-	-	(75)	-	-	-
Disability Claimed Manage- ment	46	_			_			(46)
Health Reimbursement Ac-	40	_	_	_	_	_	_	(40)
count (HRA)	60	_	_	_	_	(60)	_	_
Member Medical Expense	203	_	_	_	_	(00)	_	(203)
Member Training & Educa-	203							(203)
tion	16	-	-	-	-	-	-	(16)
Printing & Postage - Mem-								
bers	122	_	_	_	_	(61)	_	(61)
Member Services Total	527		-	_	(75)	(121)	_	(331)
SYSTEMS					(/	(,		(/
Business Continuity Ex-								
penses	147	-	(147)	-	_	-	-	-
Computer Hardware &			,					
Maintenance	33	-	-	-	_	-	(33)	_
County Data Processing	113	-	-	-	_	-	(113)	-
Software Maintenance &								
Support	835	-	-	-	(21)	-	(814)	-
Systems Total	1,128	_	(147)	-	(21)	-	(960)	_
BOARD OF RETIREMENT	660	-	` -	(165)	(68)	(165)		(262)
UNCOLLECTIBLE BENEFIT				. ,		. ,		• ,
PAYMENTS	22	-	_			-	-	(22)
DEPRECIATION	123	-	(5)	(21)	(4)	-	(4)	(89)
TOTAL OPERATING	Ć 21.240	ć /40E\				6 (1.004)		
EXPENSE	\$ 21,346	\$ (425)	\$ (623)	\$ (3,345)	\$ (1,050)	\$ (1,924)	\$ (964)	\$ (13,015)

OPERATING AND ADMINISTRATIVE EXPENSES

Operating Expenses	2019 Budget	2019 Forecast	v	2019 Forecast s. 2019 Budget Over/(Under)	2020 Proposed Budget	E	2020 Proposed Budget vs. 2019 Forecast Over/ (Under)
EXPENSE CATEGORY							
Staffing	\$ 15,122	\$ 14,467	\$	(655)	\$ 15,691	\$	1,224
Staff Development	510	496		(14)	482		(14)
Professional Fees	1,187	1,213		26	1,215		2
Office Expense	554	560		6	531		(29)
Insurance	1,305	1,307		2	967		(340)
Member Services	527	518		(9)	527		9
Systems	1,152	1,135		(17)	1,128		(7)
Board of Retirement	711	638		(73)	660		22
Uncollectible Benefit Payments	39	29		(10)	22		(7)
Depreciation	126	119		(7)	123		4
Operating Expenses	\$ 21,233	\$ 20,482	\$	(751)	\$ 21,346	\$	864

Administrative Expenses	2019 Budget	2019 Forecast	V	2019 Forecast vs. 2019 Budget Over/(Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/ (Under)
EXCLUSIONS FROM OPERATING EXPENSE TO CALCULATE ADMINISTRATIVE EXPENSE						
Operating Expense (from above)	\$ 21,233	\$ 20,482	\$	(751)	\$ 21,346	\$ 864
Actuarial	(375)	(351)		24	(425)	(74)
Business Continuity ¹	(613)	(609)		4	(623)	(14)
Investment- Related ²	(3,347)	(2,916)		431	(3,345)	(429)
Legal- Related ³	(1,618)	(1,558)		60	(1,050)	508
SRBR⁴	(1,712)	(1,648)		64	(1,924)	(276)
Technology ⁵	(983)	(966)		17	(964)	2
Administrative Expense	\$ 12,585	\$ 12,434	\$	(151)	\$ 13,015	\$ 581

¹ Business Continuity – 2020 related costs include total direct costs (\$149K) for software support and direct depreciation; 2.7% is added for both allocated staffing and other overhead expenses (\$474K).

⁵ Technology – 2020 related expenses include computer hardware, computer software, computer depreciation, and computer technology consulting services in support of these computer products.

Comparison of Administrative Expense to Limits (Section 31580.2) (\$ in thousands)	2019 Budget	2019 Forecast	,	2019 Forecast vs. 2019 Budget Over/(Under)	2020 Proposed Budget	2020 Proposed Budget vs. 2019 Forecast Over/ (Under)
Total Actuarial Accrued Liabilities 6	\$ 10,086,960	\$ 10,086,960	\$	-	\$ 10,527,660	\$ 440,700
Limit on Expense	0.21%	0.21%		-	0.21%	<u>-</u>
Maximum Allowed	21,183	21,183		-	22,108	925
Administrative Expense	12,585	12,434		(151)	13,015	581
Over/(Under) Maximum	\$ (8,598)	\$ (8,749)	\$	(151)	\$ (9,093)	\$ (344)

⁶ Based on total actuarial accrued liabilities for pension as of December 31, 2018; OPEB and non-OPEB as of December 31, 2017 for 2020 Budget.

² Investment – 2020 related expenses are composed of direct costs of Investment staff (\$1,927K), allocated staffing costs (\$807K), 25% of Board expenses (\$165K), 25% of audit expenses (\$38K) and 17.4% of other overhead costs (\$408K).

³ Legal – 2020 related expenses include direct costs of Staffing (\$514K), Professional Legal fees (\$230K), Disability Arbitration Expenses (\$75K), Software Support - Legal (\$21K), 10% of Board expenses (\$68K), and 3.3% of other overhead costs (\$142K).

⁴ SRBR – 2020 related expenses are composed of allocated staffing costs (\$1,328K), direct costs of Professional Fees (\$310K), Member Services (\$121K), and 25% of Board expenses (\$165K).

2020 DEPARTMENT WEIGHTED AVERAGE

2020 Allocation	2020 Allocation Percentages													
Expense Category	Department	Investment	Legal	ВСР	SRBR	Technology	Administrative							
	Administration	8.0%	0.0%	2.4%	0.0%	0.0%	89.6%							
STAFFING	Benefits	0.3%	0.0%	0.5%	19.4%	0.0%	79.8%							
SALARIES	Fiscal Services	9.6%	0.0%	0.6%	8.6%	0.0%	81.2%							
FRINGE BENEFITS	Human Resources	0.0%	0.0%	1.5%	0.0%	0.0%	98.5%							
TEMPS	Internal Audit	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%							
	Investments	99.5%	0.0%	0.5%	0.0%	0.0%	0.0%							
	Legal	47.5%	51.7%	0.8%	0.0%	0.0%	0.0%							
	PRISM	0.8%	0.0%	15.2%	0.0%	0.0%	84.0%							
Total Staffing Factors		17.4%	3.3%	2.7%	8.4%	0.0%	68.2%							

2019 DEPARTMENT WEIGHTED AVERAGE

2019 Allocation Percentages												
Expense Category	Department	Investment	Legal	ВСР	SRBR	Technology	Administrative					
	Administration	8.0%	0.0%	2.8%	0.0%	0.0%	89.2%					
STAFFING	Benefits	0.3%	0.0%	0.5%	17.4%	0.0%	81.8%					
SALARIES	Fiscal Services	10.5%	0.0%	0.6%	8.3%	0.0%	80.6%					
FRINGE BENEFITS	Human Resources	0.0%	0.0%	1.4%	0.0%	0.0%	98.6%					
TEMPS	Internal Audit	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%					
	Investments	99.9%	0.0%	0.1%	0.0%	0.0%	0.0%					
	Legal	30.3%	69.2%	0.5%	0.0%	0.0%	0.0%					
	PRISM	0.8%	0.0%	15.6%	0.0%	0.0%	83.6%					
Total Staffing Factors		17.8%	6.4%	2.6%	7.5%	0.0%	65.6%					

APPLIED FACTORS

Expense Category	Expense Line	Investment	Legal	ВСР	SRBR	Technology	Administrative
STAFF							
DEVELOPMENT	Staff Development	17.4%	3.3%	2.7%	0.0%	0.0%	76.6%
PROFESSIONAL	Actuarial - SRBR	n/a	n/a	n/a	100.0%	0.0%	n/a
FEES	External Audit	25.0%	0.0%	0.0%	0.0%	0.0%	75.0%
	Legal	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
	Operations - Technology	0.00/	0.00/	0.00/	0.00/	100.00/	0.00/
	Consultant	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
	Operations Consulting	17.4%	3.3%	2.7%	0.0%	0.0%	76.6%
OFFICE	Operations Consulting - SRBR	0.0% 17.4%	0.0%	0.0%	100.0%	0.0%	0.0% 76.6%
OFFICE	Bank Charges & Misc. Admin.		3.3%	2.7%	0.0%	0.0%	
EXPENSE	Building Expenses	17.4%	3.3%	2.7%	0.0%	0.0%	76.6%
	Communications	17.4%	3.3%	2.7%	0.0%	0.0%	76.6%
	Equipment Lease & Mainte- nance	17.4%	3.3%	2.7%	0.0%	0.0%	76.6%
	Minor Furniture & Equipment	17.4%	3.3%	2.7%	0.0%	0.0%	76.6%
	Office Maintenance & Supplies	17.4%	3.3%	2.7%	0.0%	0.0%	76.6%
	Printing & Postage	17.4%	3.3%	2.7%	0.0%	0.0%	76.6%
INSURANCE	Insurance	17.4%	3.3%	2.7%	0.0%	0.0%	76.6%
MEMBER	Benefit Verification	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
SERVICES	Disability Arbitration and						
	Transcripts	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
	Disability Member Medical	0.00/	0.00/	0.00/	0.00/	0.00/	100.00/
	Expense	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
	Health Reimbursement Account (HRA)	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	Member Training & Education	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
	Printing & Postage - Members	0.0%	0.0%	0.0%	50.0%	0.0%	50.0%
	Computer Hardware & Soft-	0.076	0.076	0.0%	30.0%	0.076	30.0%
SYSTEMS	ware	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
	County Data Processing	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
	Disaster Recovery	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	Software Maintenance & Sup-	0.070	0.070	100.070	0.070	0.070	0.070
	port	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
	Software Maintenance &						
	Support-Legal	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
UNCOLLECTIBLE BENEFIT PAYMENTS	Uncollectible Benefit Payments	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
BOARD OF	Compensation	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
RETIREMENT	Conferences & Training	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
	Election Expenses	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
	Employer Reimbursement	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
	Miscellaneous Activities	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
	Strategic Planning / Workshop	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
DEPRECIATION	Depreciation - Other	17.4%	3.3%	2.7%	0.0%	0.0%	76.6%
	Depreciation - BCP	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	Depreciation - Hardware &	0.0%	0.00/	0.00/	0.0%	100.00/	0.00/
	Software and EDMS	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%

Expense Category	Expense Line	Investment	Legal	BCP	SRBR	Technology	Administrative
STAFF						5,	
DEVELOPMENT	Staff Development	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
PROFESSIONAL	Actuarial - SRBR	n/a	n/a	n/a	100.0%	0.0%	n/a
FEES	External Audit	25.0%	0.0%	0.0%	0.0%	0.0%	75.0%
	Legal	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
	Operations - Technology	2.00/	0.00/	0.00/	0.00/	400.00/	0.00/
	Consultant	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
	Operations Consulting	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
OFFICE	Operations Consulting - SRBR	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
OFFICE	Bank Charges & Misc. Admin.	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
EXPENSE	Building Expenses	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
	Communications	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
	Communications - BCP	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	Equipment Lease & Mainte-						
	nance	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
	Minor Furniture & Equipment	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
	Office Maintenance & Sup-						
	plies	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
	Printing & Postage	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
INSURANCE	Insurance	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
MEMBER	Benefit Verification	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
SERVICES	Disability Arbitration and						
	Transcripts	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
	Disability Member Medical						
	Expense	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
	Health Reimbursement Ac-	0.00/	0.00/	0.00/	400.00/	0.00/	0.00/
	count (HRA)	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	Member Training & Education	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
	Printing & Postage - Members	0.0%	0.0%	0.0%	50.0%	0.0%	50.0%
SYSTEMS	Computer Hardware & Software	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
	County Data Processing	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
	Disaster Recovery	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	Software Maintenance &	0.070	0.070	100.070	0.070	0.070	0.070
	Support	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
	Software Maintenance &						
	Support-Legal	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
Uncollectible	Uncollectible Benefit Pay-						
BENEFIT	ments	0.0%	0.0%	0.0%	7.7%	0.0%	92.3%
PAYMENTS							
BOARD OF	Compensation	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
RETIREMENT	Conferences & Training	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
	Election Expenses	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
	Employer Reimbursement	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
	Miscellaneous Activities	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
	Strategic Planning / Workshop	25.0%	10.0%	0.0%	25.0%	0.0%	40.0%
DEPRECIATION	Depreciation - Other	17.8%	6.4%	2.6%	0.0%	0.0%	73.1%
	Depreciation - BCP	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	Depreciation - Hardware &						
	Software and EDMS	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%

	INVESTMENTS	LEGAL	BCP	SRBR
ADMINISTRATION				
CEO	20%	_	2%	
Assistant CEO	10%	_	10%	
BENEFITS				
Assistant CEO	3%	_	1%	509
Administrative Specialist II	<u>-</u>	_	2%	
Administrative Specialist II	-	_	_	509
Administrative Specialist II	_	_	_	259
Admin Support Specialist	_	_	_	509
Communications Manager	5%	_	_	509
Graphic Designer	-	_	_	509
Retirement Benefits Assistant Manager	_	_	2%	909
Retirement Benefits Assistant Manager	_	_	2%	259
Retirement Benefits Manager			2%	259
Retirement Benefits Manager	_	_	5%	25
Retirement Technician	_	-	370	309
Retirement Technician	-	-	-	
Retirement Technician	-	-	-	309
Senior Retirement Technician	-	-	-	309
	-	-	-	909
Senior Retirement Technician	-	-	-	509
FISCAL SERVICES	=0.4		40/	
Retirement Asst Accounting Manager	5%	-	1%	
Finance Services Specialist II	-	-	-	709
Retirement Accountant II	90%	-	-	
Retirement Accountant III	-	-	2%	259
Retirement Accountant III	25%	-	1%	
Retirement Budget Analyst	-	-	2%	
HUMAN RESOURCES				
Human Resources Officer	-	-	2%	
Administrative Specialist II	-	-	1%	
Human Resources Specialist	-	-	1%	
INVESTMENTS				
Chief Investment Officer	99%	-	1%	
Investment Officer	99%	-	1%	
Investment Officer	99%	-	1%	
All Other Investment Staff	100%	-	-	
LEGAL				
Chief Counsel	20%	78%	2%	
Administrative Specialist II	50%	50%	-	
Admin Support Specialist	15%	85%	-	
Associate Counsel	90%	10%	-	
PRISM				
Retirement Tech Officer	-	-	10%	
Computer Network System Analyst vacant	5%	_	20%	
Computer and Network System Specialist	1%	_	10%	
Retirement Support Specialist		_	50%	
Retirement Support Specialist	_	_	50%	
Retirement System Program Analyst	2%	_	15%	
Security Analyst	270	_	30%	
All Other PRISM Staff	_	-	5%	

Section VII Capital Assets Outlay Budget

Section VII:

Capital Assets Outlay Budget

The Capital Assets Outlay Budget develops anticipated funding needs for items or projects that exceed a purchase cost of \$5,000.

Capital Assets Outlay 2019 - 2020

Statement of Capital As	sets	Outlay	- 2019	Fore	cast a	nd 20	20 Propose	d E	Budget	
	20	019 Budget	2019 F	orecast	Budgel	orecast s. 2019 t Over/ Under)	2020 Proposed Budget		2020 Proposed Budget vs. 2019 Forecast Over/ (Under)	% Change
Computer Software										
Board Communication Software										
Upgrade	\$	9,000	\$	7,000	\$	(2,000)	\$ -	\$	(7,000)	-100.0%
Sub-Total		9,000		7,000		(2,000)			(7,000)	-100.0%
Disaster Recovery										
Additional Server & Storage at BCP site		-		-		-	15,000)	15,000	100.0%
Sub-Total		-		-		-	15,000)	15,000	100.0%
Leasehold Improvement										
Reception Area Remodel		50,000		-	((50,000)			-	0.0%
Sub-Total		50,000		-	(50,000)	-		-	0.0%
Office Equipment A/V Controller Upgrade Projectors Replacement - 11th FL		-		-		-	13,000)	13,000	100.0%
Training Room and Board Room		12,000		7,000		(5,000)			(7,000)	-100.0%
Sub-Total		12,000		7,000		(5,000)	13,000)	6,000	85.7%
System										
OnBase Upgrade		-		-		-	15,000)	15,000	100.0%
Pension Gold System Upgrade ¹		1,199,000	1,	244,000		45,000	3,609,000)	2,365,000	190.1%
Sub-Total		1,199,000	1,2	244,000		45,000	3,624,000)	2,380,000	191.3%
Capital Assets Outlay Total	\$	1,270,000	\$ 1,2	258,000	\$ (12,000)	\$ 3,652,000	\$	2,394,000	190.3%

¹ Pension Gold Upgrade is a three-year project. Listed below are the current estimated expenses for the 2020 proposed budget:

⁻ Anticipated implementation services with Levi, Ray and Shoup (LRS) -- $\$2,\!544,\!000$

⁻ Anticipated cost for LRWL to oversee the project -- $\$400,\!000$

⁻ Four project Retirement Technician -- \$433,000

⁻ Internal Project Manager -- \$232,000

Section VIII Portfolio Management Investment Expenses

Section VIII:

Portfolio Management Investment Expenses

Portfolio Management Investment Expenses include the cost of independent professionals whose contractual fees are negotiated based on the value of assets under management. Known contractual fees are listed and a 5% annual increase is assumed for all other terms.

Portfolio Management Investment Expenses	2019 Budget	2	019 Forecast	_	019 Forecast vs. 2019 Budget Over/ (Under)	20	20 Proposed Budget	20	20 Proposed Budget vs. 019 Forecast Over/(Under)	% Change
Consultant Fees	\$ 1,660,000	\$	1,500,000	\$	(160,000)	\$	1,594,000	\$	94,000	6.3%
Custodian Bank Fees	550,000		561,000		11,000		588,000		27,000	4.8%
Investment Manager Fees	54,495,000		48,099,000		(6,396,000)		50,227,000		2,128,000	4.4%
Other Investment Expenses ¹	280,000		(604,000)		(884,000)		287,000		891,000	-147.5%
Total Portfolio Management Investment Expenses	\$ 56,985,000	\$	49,556,000	\$	(7,429,000)	\$	52,696,000	\$	3,140,000	6.3%

¹ The net decrease in Other Investment Expenses is primarily due to foreign tax expense which was overbooked by State Street Bank (SSB) in 2018. The correction was made by SSB in 2019 and has resulted in a reduction of 2019 ACERA's expenses.

Appendix A

ACERA Business Plan Key Strategic Initiatives (Prioritized)



ACERA BUSINESS PLAN INITIATIVES: 2020

INITIATIVE	Assigned To	Timeline
GOAL #1: Process and Organization		
Optimization		
Death Benefits Process Optimization	Jessica H.	
Enrollment Process Optimization	Jessica H.	
Termination Process Optimization (w/OnBase WMS Application)	Jessica H.	
OnBase Upgrade	Vijay J.	
Access Database Migration (OnBase)	Vijay J.	
PAS Data Conversion Clean up	Dana D.	
PAS Correspondence Review	Dana D.	



ACERA BUSINESS PLAN INITIATIVES: 2020

INITIATIVE	Assigned To	Timeline
GOAL #2: Technology Modernization	-	
Granicus Implementation	Vijay J.	
Water Da (E. I. D. G. E. i. T. I.)	, yuy ct	
WMS P2 (Enhance Benefit Estimator Tools)	Mike F.	
• DAC Employer Deporting		
PAS Employer Reporting	Dana D.	



ACERA BUSINESS PLAN INITIATIVES: 2020

INITIATIVE	Assigned To	Timeline
GOAL #3: Workforce Excellence		
In-House Lean/Process Excellence Function	Margo A.	
On-the-Job (OJT) Structure	Margo A. & Vicki A.	



ACERA BUSINESS PLAN INITIATIVES: 2020

INITIATIVE	Assigned To	Timeline
GOAL #4: Governance		
Vision & Dental RFP	Kathy F.	
CEM Benchmarking	Dave N.	
Strategic Communication Plan	Mike F.	
Enterprise Risk Management	Harsh J. & Margo A.	

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Appendix B

2020 Budget Change Proposals (BCP)

2020 Contingency Fund

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Appendix B

2020 BUDGET CHANGE PROPOSALS (BCP)						
Department	BCP Description		Totals			
Administration	Automate Reception Check-in	\$	15,000			
Administration	CEM Benchmarking		20,000			
Administration	Triennial Experience Study		36,000			
Benefits	Consulting for dental and vision RFP		20,000			
Benefits/PRISM	Pension Gold System Upgrade (Capital)		3,609,000			
PRISM	A/V Controllor Upgrade (Capital)		13,000			
PRISM	Additional server & storage at BCP site (Capital)		15,000			
PRISM	User license fees for Doc-U-Sign		6,000			
PRISM	OnBase Upgrade - database reporting (Capital)		15,000			
BCP Total		\$	3,749,000			

2020 CONTINGENCY FUND							
Department	Description	Expense Type		Totals			
Administration	OJT template structure	Temporary staff	\$	150,000			
PRISM	Board communication software	Computer Hardware		15,000			
PRISM	OnBase upgrade	Temporary staff		150,000			
Contingency Fu	\$	315,000					

2020 Proposed Budget Contingency Fund (0.#19)

On-the-Job Training and Cross Utilization Workforce Excellence Integration - \$150,000

The fund will be used to establish a formal in-house training function to provide On-the-Job Training (OJT) and Cross-Utilization Training (CUT). It is proposed that ACERA will hire a provisional project position in the classification of staff development specialist to establish and implement the initial training program structure.

Board Communication Software - \$15,000

With Board approval the fund will be used to further enhance the capabilities of ACERA's Granicus implementation. In particular, this fund will be used for hardware to allow for video streaming and recording.

OnBase Upgrade - \$150,000

The fund is for identified and unidentified project risks such as an unforeseen increase in costs or to allow for design flexibility.

October 21, 2019 1:54 PM 89



MEMORANDUM TO THE OPERATIONS COMMITTEE

DATE: December 4, 2019

TO: Members of the Operations Committee

FROM: Dave Nelsen, Chief Executive Officer

SUBJECT: Pre-Funding of Employer Contributions

Introduction

The Pre-funding of Employer Contributions is a proposed new policy. It was first brought to the Operations committee in October of 2019 as an information item. The policy was then presented to the Participating Employers at the Participating Employers meeting on October 24, 2019. Comments on the policy were solicited at the meeting and as a follow-up, but no employers provided any comments or concerns. The new attached Policy addresses the situation of an employer wishing to pre-pay contributions for up to a year in advance.

Background

The Board Governance and Policy Development Process provides that a policy may be developed if:

- 1. The issue in question poses a substantial risk to ACERA (organizational, legal, public perception, etc.);
- 2. The issue is expected to recur regularly (i.e., it is generic in nature); and
- 3. The issue is within the Board's area of responsibility to effectively administer the pension plan.

In this case, while statute permits employers to pre-pay retirement contributions, no existing Board policy addresses the circumstances. The above criteria for policy development are present. Given the current and expected continuation of a low interest rate environment, it is possible employers may want to pre-pay contributions, if the discount rate provided creates a cost effective short term benefit to the employer. This is also clearly within the Board's area of responsibility.

Proposed Policy

The following is a summary of the key provisions in the proposed new Policy:

Background:

Currently, participating employers transfer required contributions to ACERA after each pay period. Government Code section 31582 also allows employers to pay annual employer contributions at the beginning of the employer's fiscal year. The primary question to be addressed in this scenario, is what, if any, discount rate should be applied to the employer pre-payment? The Actuary has stated

Memo to Operations Committee re: Pre-Funding Retirement Contributions Policy December 4, 2019
Page 2 of 2

that there is no advantage to ACERA or the membership of discounting the contributions at a different rate than the assumed rate of return, since the employers pay for any funding gains or losses through the current smoothing and amortization processes.

Purpose:

The objective of this new Policy is to clarify the provisions of pre-payment of employer contributions by ACERA participating employers.

Application:

Applies to participating employers who wish to pay annual employer contributions in advance.

Guidelines:

Provides that:

- 1. Pre-payment of employer contributions must be made within 30 days of the end of the employer fiscal year.
- 2. The contributions will be discounted at the actuarial rate assumed in the ACERA actuarial valuation that is effective for the year the contributions are due, reduced by an additional rate to minimize the anticipated loss associated with the potential trading costs, not to exceed 0.50% without ACERA Retirement Board approval.
- 3. If the advance is only a partial payment of the participating employer's estimated annual contribution, remaining transfers to the retirement fund shall be made at the end of each month or at the end of each pay period until the total amount required for the year is contributed.
- 4. Transfers shall be adjusted at the end of the fiscal year to reflect the actual contribution required for that year.

Recommendation: Staff recommends that the Operations Committee recommend to the Board of Retirement the adoption of the proposed Pre-Funding Retirement Contributions Policy.

Attachments:

Exh. A: Proposed Pre-Funding Retirement Contributions Policy



PreFunding of Retirem Contributions

I. Purpose

To provide a policy and mechanism by which participating employers of ACERA may pre-fund employer contributions.

II. Background

The County Employees Retirement Law of 1937 requires a county auditor to certify to the retirement board, at the end of each month or pay period, the compensation earnable paid to members of the retirement association and to transfer the applicable percentage of the county's annual contribution to the retirement fund, as specified. Government Code section 31582 authorizes the Board of Supervisors or Governing Body of a district to make advance payments for the estimated annual county or district contributions for an additional year or partial year if certain requirements are satisfied.

Since the advance payments are received by ACERA earlier than the otherwise periodic payment due dates at the end of each pay period, a prepayment discount factor, calculated by discounting each of the payments back to the date that the prepayment is made, may be considered by the Board.

ACERA's actuary has advised that any discount rate that is not greater than the actuarial rate assumed in the ACERA actuarial valuation is acceptable. Since ACERA is a pass-through agency there is no advantage for ACERA to negotiate a lower discount rate, thereby charging additional monies for the pre-funding, since gains and losses are recognized through the smoothing and amortization process. However, ACERA incurs trading costs associated with the pre-funding based on the one-month large cash inflow and then eleven months of negative cash flow. This may result in an overall loss to ACERA if any potential trading costs are not included in any discount rate used at the time of the pre-funding.

III. Policy

The Board of Supervisors or the Governing Board of a district may authorize advance payment for the estimated annual county or district contributions for an additional year or partial year if the advance payment is made no later than 30 days after the commencement of the entity's fiscal year for which the advance payment is made. If the advance is only a partial payment of the participating employer's estimated annual contribution, remaining transfers to the retirement fund shall be made at the end of each month or at the end of each pay period until the total amount required for the year is contributed. Transfers shall be adjusted at the end of the fiscal year to reflect the actual contribution required for that year.

When a participating employer elects to pre-fund its employer contributions to ACERA, pursuant to Government Code section 31582, ACERA will provide the participating employer a discount rate used to determine the pre-payment amount equal to the actuarial rate assumed in the ACERA actuarial valuation that is effective for the year contributions are due, reduced by an additional rate to minimize the anticipated loss associated with potential trading costs, not to exceed 0.50% without ACERA Retirement Board approval.

IV. PolicyModification

The Operations Committee, or other committee designated by the Board, shall review this policy at least every three years. The Committee shall make recommendations to the Board concerning any improvements or modifications it deems necessary.

V. Policy History

A. The Board adopted this policy on _____



MEMORANDUM TO THE OPERATIONS COMMITTEE

DATE:

December 4, 2019

TO:

Members of the Operations Committee

FROM:

Margo Allen, Fiscal Services Officer

SUBJECT:

Operating Expense Budget Summary for the period ended October 31, 2019

ACERA's operating expenses are \$1,425K under budget for the period ended October 31, 2019. Budget overages and surpluses worth noting are as follows:

Budget Surpluses

- 1. Staffing: Staffing is \$791K under budget. This amount comprises surplus in staff vacancies of (\$652K) and fringe benefits of (\$476K), which are offset by overage in temporary staffing of \$337K due to vacant positions filled by temporary staff.
- 2. Staff Development: Staff Development is \$189K under budget due to savings from unattended staff trainings.
- 3. *Professional Fees:* Professional Fees are \$6K under budget. This amount comprises surplus in actuarial fees¹ of \$14K, operations consultant fees of (\$32K) due to timing difference, and external audit fees of (\$3K), which are offset by overage in legal fees² of \$43K.
- 4. Office Expense: Office Expense is \$26K under budget. This amount comprises surpluses in building expense³ of (\$5K), bank charges and miscellaneous administrative expenses of (\$15K), office maintenance and supplies of (\$23K), communication expense of (\$12K), printing and postage of (\$7K), which are offset by overage in minor equipment and furniture of \$2K and equipment lease and maintenance of \$34K due to change in vendor and timing difference.
- 5. *Insurance*: Insurance is \$127K under budget. This is primarily due to significant decrease in the 2019/2020 expenses for Alameda County Risk Management Program as compared to 2018/2019.

¹ The surplus in actuarial fees of \$14K is due to savings from last year accrual for the supplemental consulting provided by Segal.

² The overage in legal fees of \$43K is primarily due to an unanticipated payment of \$34K to Shaw Law for professional services and overage in fiduciary counseling due to Alameda Health System vs ACERA and Rivera vs ACERA legal cases.

³ The surplus in building expense of \$5K is due to credit from CBRE for 2018 escalation reconciliation.

- 6. Member Services: Member Services are \$103K under budget. This amount comprises surpluses in disability legal arbitration and transcripts of (\$20K), disability medical expense of (\$60K) due to reduction in number of disability cases as compared to budget, Health Reimbursement Account of (\$4K), and members printing and postage⁴ of (\$20K), which are offset by overage in member training and education of \$1K.
- 7. Systems: Systems are \$54K under budget. This amount comprises surpluses in business continuity expense of (\$21K) mainly due to timing difference, software maintenance and support of (\$25K) due to timing difference and savings from the audit management software, computer maintenance of (\$4K), and minor computer hardware of (\$9K), which are offset by overage in county data processing of \$5K.
- 8. *Depreciation*: Depreciation is \$7K under budget, which is mostly related to the office equipment.
- 9. Board of Retirement: Board of Retirement is \$122K under budget. This amount comprises surpluses in board election expense⁵ of (\$6K), board miscellaneous expense of (\$12K) due to reduction in board meetings, board compensation of (\$7K) also due to reduction in board meetings, board software maintenance and support of (\$7K) due to timing difference, and board strategic planning of (\$13K) also due to timing difference, board conferences and training of (\$87K) due to savings from unattended board conferences and trainings. Which are offset by overage in board employer reimbursement of \$10K.

Staffing Detail

As of October 31, 2019, ACERA had the following permanent vacant positions:

Department	Position	QTY	Comments
Fiscal Services	Retirement Accountant II	1	Currently budgeted until 12/2019
Benefits	Senior Retirement Technician ⁶	2	Filled by temporary staff - currently budgeted until 12/2019
Benefits	Retirement Technician ⁶	1	Filled by temporary staff - currently budgeted until 12/2019
Investments	Senior Investment Officer	1	Resigned in May - currently budgeted until 12/2019
Investments	Investment Officer	1	Retired in March - currently budgeted until 12/2019
PRISM	Computer and Network System Analyst	1	Resigned in July - currently budgeted until 12/2019
Legal	Associate Counsel	2	Laid off in June - currently budgeted until 12/2019
	Total Positions	9	

⁴ The surplus in members printing and postage of \$20K is primarily due to savings from 2018 newsletters accruals and due to timing difference of this year newsletters.

⁵ The surplus in board election expense of (\$6K) is due to savings from 2018 accrual.

⁶ The 3 Retirement Support Specialist vacancies are reallocated to 2 Senior Retirement Technician and 1 Retirement Technician positions.



ALAMEDA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION TOTAL OPERATING EXPENSE SUMMARY

	YE	AR TO DATE	- ACTUAL VS. B	UDGET		
		Octo	ber 31, 2019			
	<u>y</u>	Actual <i>'ear-To-Date</i>	Budget <u>Year-To-Date</u>	YTD Variance (Under)/Over	2019 Annual <u>Budget</u>	% Actual to <u>Annual Budget</u>
Staffing	\$	11,763,880	\$ 12,555,000	\$ (791,120)	\$ 15,122,000	77.8%
Staff Development		243,630	432,900	(189,270)	510,000	47.8%
Professional Fees (Next Page)		1,057,140	1,062,700	(5,560)	1,187,000	89.1%
Office Expense		439,652	465,740	(26,088)	554,000	79.4%
Insurance		956,004	1,082,670	(126,666)	1,305,000	73.3%
Member Services		340,412	443,200	(102,788)	527,000	64.6%
Systems		897,622	951,650	(54,028)	1,152,000	77.9%
Depreciation		98,147	105,150	(7,003)	126,000	77.9%
Board of Retirement		411,917	534,020	(122,103)	711,000	57.9%
Uncollectable Benefit Payments			-	-	39,000	0.0%
Total Operating Expense	\$	16,208,404	\$ 17,633,030	\$ (1,424,626)	\$ 21,233,000	76.3%



ALAMEDA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION

PROFESSIONAL FEES

YEAR TO DATE - ACTUAL VS. BUDGET

October 31, 2019

2019

Professional Fees	Actual <u>Year-To-Date</u>	Budget <u>Year-To-Date</u>	YTD Variance (Under)/Over	2019 Annual <u>Budget</u>	% Actual to Annual Budget
Consultant Fees - Operations and Projects ¹	\$ 303,667	\$ 335,100	\$ (31.433)	e 200.000	70.00
Actuarial Fees ²	370,869	385,000		\$ 388,000	78.3%
External Audit ³		·	(14,131)	415,000	89.4%
	146,341	149,000	(2,659)	149,000	98.2%
Legal Fees ⁴	236,263	193,600	42,663	235,000	100.5%
Total Professional Fees	\$ 1,057,140	\$ 1,062,700	\$ (5,560)	\$ 1,187,000	89.1%
¹ CONSULTANT FEES - OPERATIONS AND PROJECTS:	Actual <u>Year-To-Date</u>	Budget <u>Year-To-Date</u>	YTD Variance (Under)/Over	2019 Annual <u>Budget</u>	% Actual to Annual Budget
Administration					
Process Excellence	32,000	50,000	(18,000)	50,000	64.0%
Benchmarking		20,000	(20,000)	20,000	0.0%
Total Administration	32,000	70,000	(38,000)	70,000	45.7%
Benefits					
Alameda County HRS (Benefit Services)	105,000	105,000	-	126,000	83,3%
Segal (Benefit Consultant/Retiree Open Enrollment)	102,500	96,000	6,500	115,000	89.1%
Total Benefits	207,500	201,000	6,500	241,000	86.1%
Human Resources Lakeside Group (County Personnel)	64.167	04.400	27	77.000	
Total Human Resources	64,167 64,167	64,100	67	77,000	83.3%
Total Consultant Fees - Operations	\$ 303,667	\$ 335,100	\$ (31,433)	\$ 388,000	83.3% 78.3%
700 1	 		<u> </u>	300,000	70.3/6
² ACTUARIAL FEES					
Actuarial valuation	75,000	75,000	•	75,000	100.0%
GASB 67 & 68 Valuation	46,000	46,000	-	46,000	100.0%
GASB 74 & 75 Actuarial	13,500	14,000	(500)	14,000	96.4%
Actuarial Standard of Practice 51 Pension Risk	55,000	60,000	(5,000)	60,000	91.7%
Supplemental Consulting Supplemental Retiree Benefit Reserve valuation	141,369	150,000	(8,631)	180,000	78.5%
Total Actuarial Fees	\$ 370,869	\$ 385,000	\$ (14,131)	40,000	100,0%
, otal / total little cos	<u> </u>	\$ 303,000	3 (14,131)	\$ 415,000	89.4%
³ EXTERNAL AUDIT					
External audit	125,580	126,000	(420)	126,000	99.7%
GASB 67 & 68	12,013	12,000	13	12,000	100.1%
GASB 74 & 75-External Audit	8,748	11,000	(2,252)	11,000	79.5%
Total External Audit Fees	\$ 146,341	\$ 149,000	\$ (2,659)	\$ 149,000	98.2%
⁴ <u>LEGAL FEES</u> Fiduciary Counseling					
Nossaman, LLP	133,914	69 400	65 514	82.600	400.00
Shaw Law Group	34,136	68,400	65,514 34,136	83,600	160.2% 0.0%
Meyers/Nave Professional Law Corporation	20,274	10,800	9,474	13,200	153.6%
Reed Smith (ACD Sheriff's)	20,262	10,800	9,462	13,200	153.5%
Subtotal	208,585	90,000	118,585	110,000	189.6%
Tax and Benefit Issues					
Hanson, Bridgett, LLP	20,518	32,000	(11,482)	39,000	52.6%
Subtotal	20,518	32,000	(11,482)	39,000	52.6%
			(7.1,102)	00,000	02.070
<u>Litigation</u> The Law offices of Elizabeth F. McDonald	E E00	EE 000	(40 E00)	66.000	0.601
Subtotal	5,500 5,500	55,000 55,000	(49,500)	66,000	8.3%
		55,000	(49,500)	66,000	8.3%
Investigation Services					
Law offices of Amy Oppenheimer	1,660	16,600	(14,940)	20,000	8.3%
Subtotal	1,660	16,600	(14,940)	20,000	8.3%
Total Legal Fees	\$ 236,263	\$ 193,600	\$ 42,663	\$ 235,000	100.5%





PRISM Projects

- 1. PAS + OnBase
- 2. Cybersecurity
- 3. Microsoft Teams
- 4. BCP





PAS + OnBase

- OnBase Upgrade to v18
- Workflow
- Reporting
- Correspondence





Cybersecurity

- Phishing Email Campaign
- Data Loss Prevention





Microsoft Teams

- Team Collaboration:
 - -File sharing in the cloud



- -Collaborative editing
- -Project oriented discussions
- Project tracking



BCP

Sungard



- Server Infrastructure
- Recover From Anywhere



Questions?

