| | | | | | | Contra | | | |
|-----------|--------|--|---------------------------|---|---|----------------|-----------------|--------------------|----------------------|
| | Amend- | | | | | | | | Previous Contract |
| Contract | ment # | Contractor Name | Division | Award Process | Contract Purpose/Description | Effective Date | Expiration Date | Fiscal Year Totals | Yes/No |
| 2018-8640 | #1 | BDO USA, LLP | Audits | Exempt from Bid | Independent Auditing Services Amendment #1: Update Key Personnel and Revise Language | 6/7/2019 | 3/31/2021 | \$2,650,000 | Ν |
| 2019-8699 | | State Controller's Office | Benefit Services | Not Subject to Bid | Electronic and Paper Distribution of Benefits | 7/1/2019 | 12/31/2020 | \$4,000,005 | Y |
| 2017-8409 | | Shah & Associates, A Professional Law Corporation | Board | Not Subject to Bid-Board Involvement | Independent Board Counsel on Proposed Decisions and Full Board Meetings | 6/1/2018 | 5/31/2023 | \$110,407 | Y |
| 2015-7585 | #2 | Wilshire Associates Inc. | Board | RFP-Board Involvement | General Pension Board Consultant Amendment #2: Update Key Personnel/Resumes | 7/1/2015 | 6/30/2020 | \$3,281,250 | Y |
| 2019-8695 | | Government Operations Agency | Financial Office | Not Subject to Bid | Reimbursement to the Government Operations Agency for Administrative Services | 7/1/2019 | 6/30/2020 | \$354,000 | Y |
| 2013-6936 | #6 | Anthem Blue Cross | Health Plan Admin | RFP-Board Involvement | Health Benefits Plan Administrator - PPO Amendment #6: Increase Funds, Extend Term and Revise Language | 1/1/2014 | 12/31/2019 | \$106,049,818 | Y |
| 2019-8676 | | Anthem Blue Cross | Health Plan Admin | RFP-Board Involvement | Health Benefits Plan Administrator - PPO | 1/1/2020 | 12/31/2024 | | Y |
| 2018-8530 | #1 | Anthem Blue Cross | Health Plan Admin | RFP-Board Involvement | Health Benefits Plan Administrator - HMO Amendment #1: Increase Funding and Revise Language | 1/1/2019 | 12/31/2023 | \$16,982,697 | Y |
| 2018-8528 | #1 | Blue Shield of California | Health Plan Admin | RFP-Board Involvement | Health Benefits Plan Administrator - HMO Amendment #1: Decrease Funding and Revise Language | 1/1/2019 | 12/31/2023 | \$59,721,948 | Y |
| 2018-8533 | #1 | Health Net of California | Health Plan Admin | RFP-Board Involvement | Health Benefits Plan Administrator - HMO Amendment #1: Increase Funding and Revise Language | 1/1/2019 | 12/31/2023 | \$17,279,563 | Y |
| 2017-8341 | #2 | Long Term Care Group, Inc. dba LTCG Administrators | Health Plan Admin | RFP-Board Involvement | Long-Term Care Third Party Administrator Amendment #2: Revise Language | 1/1/2018 | 12/31/2022 | \$20,054,172 | Y |
| 2015-7740 | | Mercer Health and Benefits | Health Plan Admin | RFP-Pool | Health and Long Term Care Benefits and Actuarial Consulting Services | 8/13/2015 | 6/30/2020 | \$298,000 | Y |
| 2016-8198 | #1 | OptumRx, Inc. | Health Plan Admin | RFP-Board Involvement | Pharmacy Benefits Manager Amendment #1: Revise Language | 1/1/2017 | 12/31/2021 | \$22,826,223 | Ν |
| 2018-8531 | #1 | Sharp Health Plan | Health Plan Admin | RFP-Board Involvement | Health Benefits Plan Administrator - HMO Amendment #1: Increase Funding and Revise Language | 1/1/2019 | 12/31/2023 | \$7,431,995 | Y |
| 2016-8199 | #3 | State Controller's Office | Health Plan Admir | Not Subject to Bid | Provide Key Data and Payroll Deduction Services Amendment #3: Increase Funding and Revise Language | 7/28/2016 | 6/30/2021 | \$1,002,280 | Y |
| 2017-8305 | | State Controller's Office | Health Plan Admir | Not Subject to Bid | Check Writing, Transaction Auditing, and Support Services for HMO, PPO, and Rx Payments | 7/1/2017 | 6/30/2022 | \$1,494,055 | Y |
| 2018-8532 | #1 | United Healthcare of California | Health Plan Admir | RFP-Board Involvement | Health Benefits Plan Administrator - HMO Amendment #1: Decrease Funding and Revise Language | 1/1/2019 | 12/31/2023 | \$44,469,477 | Y |
| 2018-8534 | #1 | Western Health Advantage | Health Plan Admin | RFP-Board Involvement | Health Benefits Plan Administrator - HMO Amendment #1: Increase Funding and Revise Language | 1/1/2019 | 12/31/2023 | \$4,673,740 | Y |
| 2018-8545 | #1 | DSS Research | Health Policy Research | Exempt from Bid | Member Health Survey Administration Amendment #1: Increase Funding, Extend Term and Revise Language | 12/27/2018 | 6/30/2020 | \$124,000 | Y |
| 2019-8955 | | Health Services Advisory Group, Inc | Health Policy Research | RFP | Health Care Survey Services | 6/23/2020 | 6/14/2025 | \$360,000 | Ν |
| 2018-8542 | | Milliman, Inc. | Health Policy Research | RFP | Health Care Data Warehouse Administrator and Actuarial/Analytical Services | 10/13/2018 | 5/31/2023 | \$2,814,320 | Y |

| | | | | | | Contract Term | | | |
|-----------|--------|--|---------------------------|--|---|----------------|------------------------------|--------------------|----------------------|
| | Amend- | | | | | | | | Previous Contract |
| Contract | ment # | Contractor Name | Division | Award Process | Contract Purpose/Description | Effective Date | Expiration Date | Fiscal Year Totals | Yes/No |
| 2018-8396 | #2 | The RAND Corporation | Health Policy Research | Exempt from Bid | Evaluation of the Reference-Based Pricing Drug Program Amendment #2: Increase Funding, Extend Term and Revise Language | 6/29/2018 | 12/1/2020 | \$135,000 | Ν |
| 2019-8791 | | Department of Human Resources | Human Resources | Not Subject to Bid | Provide On-line Exam, Selection, Medical Evaluation and Training Services | 7/1/2019 | 7/10/2020 | \$110,282 | Y |
| 2016-8275 | #2 | University Enterprises, Inc. | Human Resources | Not Subject to Bid | Interagency Agreement for Student Assistants Amendment #2: Time Extension, Increase Funding and Revise Language | 6/5/2017 | 6/30/2021 | \$220,026 | Y |
| 2019-8645 | | Employment Development Department | Information Technology | Not Subject to Bid | Printing and Mailing of CalPERS 1099R Forms | 9/25/2019 | 6/30/2020 | \$383,606 | Ν |
| 2018-8565 | #2 | inContact, Inc. | Information Technology | RFP | Contact Center Applications - Migration to Cloud Amendment #2: Revise language | 1/3/2019 | 12/31/2023 | \$837,563 | Ν |
| 2017-8374 | #4 | Perspecta State and Local, Inc. | Information Technology | Competitive Negotiation | Data Backup and Restore and Disaster Recovery Services Amendment #4: Revise Language | 3/8/2018 | 3/7/2023 | \$556,405 | Ν |
| 2016-8287 | | Rimini Street, Inc. | Information Technology | Exempt from Bid | Maintenance for Oracle Software | 3/31/2017 | 3/30/2022 | \$2,450,000 | Ν |
| 2006-4120 | #5 | Alliance Bernstein LP | Investments | RFP-Pool | International Fixed Income Manager Amendment #5: Update Schedules and Revise Language | 11/22/2006 | Without Defined Duration* | \$141,242 | Y |
| 2017-8291 | | AllianceBernstein LP | Investments | Alternative Solicitation/ Investment Proposal | Global Equity Active Emerging Markets Investment Manager | 7/26/2017 | 7/25/2022 | \$958,808 | Y |
| 2014-7482 | #1 | Allianz Global Investors U.S. LLC | Investments | Alternative Solicitation/ Investment Proposal | Active Global Equity Investment Manager Amendment #1: Revise Language and Update Schedules | 6/2/2015 | Without Defined Duration* | \$1,830,971 | Ν |
| 2014-7483 | #2 | Arrowstreet Capital, L.P. | Investments | Alternative Solicitation/ Investment Proposal | Active Global Equity Investment Manager Amendment #2: Revise Language and Update Schedules | 12/1/2015 | Without Defined Duration* | \$19,675,799 | Ν |
| 2017-8363 | | AXA Rosenberg Investment Management LLC | Investments | Exempt from Bid | ESG Investment Strategy Advice | 2/16/2018 | 2/15/2023 | \$389,403 | Ν |
| 2000-2263 | #5 | Baillie Gifford Overseas LTD. | Investments | RFP-Pool | International Investment Management Amendment #5: Update Key Personnel/Resumes and Update Schedules | 5/1/2001 | Without Defined Duration* | \$10,427,746 | Ν |
| 2000-2089 | #5 | Baring International Investment Limited | Investments | RFP-Pool | International Investment Management Amendment #5: Update Authorized Signatories and Update Key Personnel/Resumes | 9/1/2000 | Without Defined Duration* | \$445,904 | Ν |
| 2015-8045 | #1 | Barra, LLC | Investments | Exempt from Bid | Asset Allocation/Risk Management Amendment #1: Update Schedules and Revise Language | 11/16/2015 | 11/15/2020 | \$2,009,805 | Y |
| 2013-6927 | #2 | BlackRock Financial Management, Inc. | Investments | Exempt from Bid | Global Fixed Income Amendment #2: Revise Language and Update Key Personnel/Resumes | 10/1/2014 | 9/30/2019 | \$7,257,860 | Y |
| 2019-8702 | | BlackRock Financial Management, Inc. | Investments | Exempt from Bid | Investment Data Platform and Risk/Operational Reports | 10/1/2019 | 9/30/2024 | \$2,121,456 | Y |
| 2011-6287 | #6 | Charles River Systems, Inc. dba Charles River Development | Investments | Exempt from Bid | Provide INVO CRIMS Database Amendment #6: Revise Language | 5/25/2012 | 5/24/2020 | \$3,141,507 | Ν |
| 2008-4960 | #5 | Columbia Management Investment Advisers, LLC | Investments | RFP-Pool | Fixed Income Non-Investment Grade Portfolio Amendment #5: Update Schedules and Revise Language | 6/24/2009 | Without Defined Duration* | \$2,716,283 | Ν |
| 2017-8336 | 1 | eFront Financial Solutions, Inc. | Investments | Exempt from Bid | Provide IBOR Services for Public Equity | 4/1/2018 | 3/31/2023 | \$1,380,431 | Y |
| 2014-7481 | #1 | Epoch Investment Partners, Inc. | Investments | Alternative Solicitation/ Investment Proposal | Active Global Equity Investment Manager Amendment #1: Revise Language and Update Schedules | 7/8/2015 | Without Defined Duration* | \$1,289,807 | Ν |

| | | | | | | Contract Term | | | Provious |
|-----------|--------|---|-------------|---|--|----------------|------------------------------|--------------------|----------------------|
| | Amend- | | | | | | | | Previous Contract |
| Contract | ment # | Contractor Name | Division | Award Process | Contract Purpose/Description | Effective Date | | Fiscal Year Totals | Yes/No |
| 2017-8294 | | Ernst & Young LLP | Investments | Exempt from Bid | Provide Global Tax Services | 2/15/2018 | 1/31/2023 | \$751,072 | Y |
| 2014-6972 | #1 | Fan Asset Management LLC | Investments | Exempt from Bid | Provide Data & Support Services for Global Equity Portfolio Amendment #1: Revise Language | 8/31/2014 | 8/30/2019 | \$116,413 | Y |
| 2006-3954 | #5 | Fidelity Institutional Asset Management | Investments | RFP-Pool | International Developed & Emerging Market Equity Management Amendment #5: Update Key Personnel/Resumes, Update Schedules and Revise Language | 7/31/2006 | Without Defined Duration* | \$147,277 | Ν |
| 2018-8590 | | Goldman Sachs Asset Management, L.P. | Investments | Exempt from Bid | Global Equity Momentum Strategies Investment Advisor | 6/5/2019 | 6/4/2024 | \$494,824 | Y |
| 2017-8306 | | Hamilton Lane Advisors, LLC | Investments | Exempt from Bid | Stock Distribution Manager for CalPERS Private Equity | 6/20/2018 | 6/19/2023 | \$722,839 | Y |
| 2013-7179 | #1 | Hermes European Equities Limited | Investments | Exempt from Bid | Global Equity Emerging Manager - Management Development Program Amendment #1: Name Change, Revise Language, Update Term and Update Authorized Signatories | 5/6/2015 | Without Defined Duration* | \$1,178,691 | Ν |
| 2014-7475 | #1 | Investec Asset Management North America | Investments | Alternative Solicitation/ Investment Proposal-Pool | Global Fixed Income Emerging Markets Currency Manager Amendment #1: Update Schedules and Revise Language | 9/23/2015 | Without Defined Duration* | \$148,686 | Ν |
| 2007-4529 | #3 | J.P. Morgan Investment Management Inc. | Investments | RFP-Pool-Board Involvement | US Equity Long/Short Management Amendment #3: Update Schedules and Revise Language | 4/1/2008 | Without Defined Duration* | \$1,727,291 | Y |
| 2008-4963 | #5 | J.P. Morgan Investment Management Inc. | Investments | RFP-Pool | Fixed Income Non-Investment Grade Portfolio Amendment #5: Update Schedules | 6/24/2009 | Without Defined Duration* | \$886,801 | Y |
| 2017-8292 | | Lazard Asset Management, LLC | Investments | Alternative Solicitation/ Investment Proposal | Global Equity Active Emerging Markets Investment Manager | 7/26/2017 | 7/25/2022 | \$1,134,553 | Y |
| 2016-8262 | #2 | Meketa Investment Group, Inc. | Investments | RFP-Board Involvement | Real Estate Board Investment Consultant Amendment #2: Name Change | 4/1/2017 | 3/31/2022 | \$1,157,416 | Y |
| 2017-8337 | | MUFG Capital Analytics LLC | Investments | Exempt from Bid | Accounting Book of Record Services | 4/1/2018 | 3/31/2023 | \$6,273,035 | Ν |
| 2014-7476 | #2 | Neuberger Berman Investment Advisers LLC | Investments | Alternative Solicitation/ Investment Proposal-Pool | Global Fixed Income Emerging Markets Currency Manager Amendment #2: Revise Language | 5/5/2016 | Without Defined Duration* | \$281,220 | Ν |
| 2001-2621 | #4 | Nomura Corporate Research & Asset Management Inc. | Investments | RFP-Pool | High Yield Investment Manager Amendment #4: Update Key Personnel/Resumes, Update Schedules and Revise Language | 2/1/2002 | Without Defined Duration* | \$2,625,855 | Y |
| 2001-2620 | #6 | Pacific Investment Management Company, LLC | Investments | RFP | Domestic Corporate Securities Manager Amendment #6: Update Authorized Signatories and Investment Guidelines | 2/1/2002 | Without Defined Duration* | \$1,214,670 | Ν |
| 2006-4121 | #6 | Pacific Investment Management Company, LLC | Investments | RFP-Pool | International Fixed Income Managers Amendment #6: Update Schedules and Revise Language | 2/15/2007 | Without Defined Duration* | \$2,877,610 | Y |
| 2017-8296 | #1 | QS Investors, LLC | Investments | Exempt from Bid | Data and Application Advice Amendment #1: Revise language | 11/5/2017 | 11/4/2022 | \$306,037 | Y |
| 2017-8293 | | Quantitative Management Associates, LLC | Investments | Alternative Solicitation/ Investment Proposal | Global Equity Active Emerging Markets Investment Manager | 9/15/2017 | 9/14/2022 | \$859,922 | Y |
| 2017-8287 | | RERC, LLC | Investments | RFP | Real Assets Valuation Management and Consulting Services | 6/2/2017 | 3/31/2022 | \$9,156,491 | Ν |
| 2012-6541 | #7 | State Street Bank and Trust Company | Investments | RFP | Provide Index Fund Products and Training Amendment #7: Update Schedules | 9/28/2012 | Without Defined Duration* | \$5,605,832 | Ν |
| 2018-8344 | #1 | State Street Bank and Trust Company | Investments | Exempt from Bid | Master Custody Services Amendment #1: Increase Funding and Revise Language | 7/1/2018 | 6/30/2023 | \$14,833,958 | Y |

| | | | | | | Contra | | | |
|-----------|--------|--------------------------------------|------------------------------|--|---|----------------|------------------------------|--------------------|----------------------|
| | Amend- | | | | | | | | Previous Contract |
| Contract | ment # | Contractor Name | Division | Award Process | Contract Purpose/Description | Effective Date | | Fiscal Year Totals | Yes/No |
| 2014-7480 | #1 | Wellington Management Company, LLP | Investments | Alternative Solicitation/ Investment Proposal | Active Global Equity Investment Manager Amendment #1: Revise Language and Update Schedules | 7/1/2015 | Without Defined Duration* | \$5,218,233 | Ν |
| 2018-8550 | | Wellington Management Company, LLP | Investments | Exempt from Bid | Global Climate Analytics | 2/7/2019 | 2/6/2022 | \$187,500 | Ν |
| 2018-8496 | | Berman Tabacco | Legal | Not Subject to Bid | Securities Litigation and Related Matters | 10/9/2018 | 9/28/2023 | \$540,753 | Y |
| 2014-7419 | | Cox, Castle & Nicholson, LLP | Legal | Not Subject to Bid | Real Estate Investment Legal Services | 4/1/2015 | 3/31/2020 | \$226,465 | Y |
| 2018-8555 | #1 | DLA Piper, LLP | Legal | Not Subject to Bid | Private Equity and Related Investment Matters Amendment #1: Revise language | 1/2/2019 | 12/31/2023 | \$236,124 | Ν |
| 2018-8571 | | Durie Tangri, LLP | Legal | Not Subject to Bid | Class Action Defense, Long Term Care Program and Litigation Matters | 1/11/2019 | 1/10/2024 | \$649,906 | Ν |
| 2014-7415 | | Hogan Lovells, US LLP | Legal | Not Subject to Bid | Real Estate Investment Legal Services | 4/1/2015 | 3/31/2020 | \$127,380 | Ν |
| 2018-8549 | | K&L Gates, LLP | Legal | Not Subject to Bid | Private Equity, Infrastructure, Trust Level Portfolio and Opportunistic Strategies Outside Counsel | 1/1/2019 | 12/31/2023 | \$123,238 | Y |
| 2019-8763 | | King & Spalding LLP | Legal | Not Subject to Bid | Outside Health Legal Counsel | 1/1/2020 | 12/31/2024 | \$357,000 | Y |
| 2014-7412 | | Morgan Lewis & Bockius, LLP | Legal | Not Subject to Bid | Real Asset and Related Investment Matters | 4/1/2015 | 3/31/2020 | \$165,114 | Ν |
| 2018-8548 | | Morgan Lewis & Bockius, LLP | Legal | Not Subject to Bid | Private Equity Investments and Securities Matters | 1/25/2019 | 12/31/2023 | \$165,644 | Y |
| 2014-7781 | #3 | Orrick Herrington & Sutcliffe, LLP | Legal | Not Subject to Bid | Information Technology Special Advice Amendment #3: Revise Language and Update Key Personnel/Resumes | 6/14/2015 | 6/13/2020 | \$142,872 | Ν |
| 2014-7411 | | Pillsbury Winthrop Shaw Pittman, LLP | Legal | Not Subject to Bid | Real Asset and Related Investment Matters | 4/1/2015 | 3/31/2020 | \$789,653 | Y |
| 2018-8546 | | Pillsbury Winthrop Shaw Pittman, LLP | Legal | Not Subject to Bid | Private Equity, Infrastructure, Trust Level Portfolio and Opportunistic Strategies Outside Counsel | 1/1/2019 | 12/31/2023 | \$112,340 | Y |
| 2019-8797 | | Pillsbury Winthrop Shaw Pittman, LLP | Legal | Not Subject to Bid | Real Asset and Related Investment Matters | 3/19/2020 | 3/31/2025 | \$173,374 | Y |
| 2014-7534 | #1 | Reed Smith, LLP | Legal | Not Subject to Bid | Business Litigation Legal Services Amendment #1: Revise Language | 1/1/2015 | 12/31/2019 | \$464,769 | Ν |
| 2019-8768 | | Steptoe & Johnson LLP | Legal | Not Subject to Bid | Business Litigation, Class Actions and Complex JRS Matters | 1/17/2020 | 12/31/2024 | \$114,434 | Ν |
| 2014-7537 | #2 | K&L Gates, LLP | Legislative Affairs | RFP-Board Involvement | Federal Legislation and Policy Representative Amendment #2: Time Extension | 2/12/2015 | 1/31/2020 | \$190,555 | Ν |
| 2019-8811 | | K&L Gates, LLP | Legislative Affairs | RFP-Pool | Federal Legislation and Policy Representative | 2/13/2020 | 1/31/2025 | \$206,073 | Y |
| 2016-8290 | #1 | Toppan Merrill LLC | Member Account Management | RFP | Health Open Enrollment Communication Dissemination Amendment #1: Name Change and Revise Language | 6/6/2017 | 3/31/2022 | \$128,362 | Ν |
| 2015-8204 | #3 | Colliers International | Operations Support | RFP | CalPERS Property Management Services Amendment #3: Decrease Funding and Revise Language | 6/1/2016 | 5/31/2021 | \$385,020 | Y |

| | | <u>Contract Term</u> | | | | | | | |
|------------------------------|---------------|--|---------------------------------|-------------------------------------|---|----------------------|---------------|---------------------------------|----------------------|
| Contract | Amend- | Destruction Name | | Arrend Decesso | Contrast Domono (Domointing | Effective Date | European Dete | | Previous Contract |
| <u>Contract</u> 2016-8263 | <u>ment #</u> | Contractor Name Div FedEx Corporate Services, Inc. Operation Support Support | | Award Process lot Subject to Bid | Contract Purpose/Description Express Small Package Air Delivery & Expedited Ground Parcel Services | 11/28/2016 | 11/27/2021 | Fiscal Year Totals \$180,000 | Yes/No Y |
| 2018-8580 | | Integrity Voting Systems Operatie Support | | exempt from Bid | CalPERS Board of Administration Election Services | 3/12/2019 | 2/29/2020 | \$741,940 | Y |
| 2019-8637 | | Xerox Corporation Operation Support | | xempt from Bid | Copier and Printer Maintenance | 7/1/2019 | 6/30/2020 | \$966,017 | Y |
| 2011-6059 | #5 | | efunding | exempt from Bid | Plan Administration and Recordkeeping for Supplemental Income Plans Amendment #5: Time Extension and Revise Language | 8/1/2011 | 1/31/2020 | \$2,905,544 | Y |
| 2019-8773 | | | n Contracts R efunding ms | RFP | Plan Administration and Recordkeeping for Supplemental Income Plans | 2/1/2020 | 1/31/2025 | \$842,634 | Y |
| 2018-8627 | | GC Oakland Hotel Operator, LLC Stakeho Relation | | exempt from Bid | Educational Forum Venue Contract | 5/20/2019 | 4/30/2024 | \$470,000 | Ν |
| 2016-8276 | | Recon Distribution Inc. Stakeho Relation | | RFP | Exhibition Management Services | 4/1/2017 | 12/31/2021 | \$180,000 | Ν |
| | | | | | | Total Fiscal Amount: | | \$443,949,2 | 291 |