

December 2016 Prospective Report

Item 3b, Attachment 1

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	SOLICITATIONS	Program	Release	Anticipated Contract Start	Description of Services
1.	Health Care Decision Support System (HCDSS) Fourth Generation (GEN4) (Solicitation No. 2016-8207)	HPRD	February 2017	February 2018	Fourth Generation Health Care Decision Support System (HCDSS) data warehouse.
Solicitation*; single award; five year contract term; estimated contract value not to exceed \$18M over the duration of the contract.					
2.	Data Backup and Restore and Disaster Recovery Services (BR/DR) (RFP No. TBD)	ITSB	Spring 2017	July 1, 2017	Data Backup and Restore and Disaster Recovery Services (BR/DR) including the implementation and management of a BR system located at CalPERS and a Proposer-run data center.
Request for Proposal; single award; five year contract term; estimated contract value \$15M. Previously released, but canceled in July 2016. Re-releasing in Spring 2017.					
3.	Total Fund Transition Manager (Solicitation No. TBD)	INVO	July 2017	Winter 2018	Investment management services for Transition Manager programs in real estate, private equity, and global equity portfolios.
Solicitation*; undefined amount; if funded, may exceed \$1M.					

* Solicitations are competitive bidding processes other than a Request for Proposal (RFP), such as Competitive Negotiation, Alternative Solicitation Method (ASP), Invitation for Bid (IFB), Focused Solicitation, and Performance-Based Solicitation.

December 2016 Prospective Report

Item 3b, Attachment 1

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	NEW CONTRACTS/AMENDMENTS	Program	Award/ Initiate	Contract/ Amendment Start	Description of Services
1.	Aon Risk Insurance Services West, Inc. (Contract No. TBD) Real Assets	INVO	Fall 2016	May 2017	Insurance, risk, and brokerage services for the real estate and infrastructure portfolios.
Request for Proposal; five year duration; fees include base and variable costs, total fees may exceed \$20M over the duration of the contract.					
2.	Pension Consulting Alliance, LLC (Contract No. TBD) INVO – Board Consultant	INVO	May 2016	April 2017	Investment Committee board consultant for the real estate portfolio.
Request for Proposal; single award; five year contract term; estimated contract value not to exceed \$6M.					
3.	Schwab Compliance Technologies, Inc. (Contract No. TBD)	ECOM	New	July 1, 2017	Personal Trading Platform for Division of Enterprise Compliance. New contract for an existing service with Schwab Compliance Technologies (formerly Compliance 11). Schwab Compliance Technologies is used to monitor personal trading activities of CalPERS Covered Persons in accordance with the California Code of Regulations §558.1 Personal Trading Regulations.
Exemption from Competitive Bid process; five year contract term; estimated contract value \$1M.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	PURCHASE ORDERS	Program	Initiate	Change Order Effective	Description of Services
1.	Ryedale, Inc. Service Agreement (Purchase Order No. TBD)	INVO	Spring 2016	N/A	Licensed Investment Portfolio Management software, plus maintenance and support services. Initially, the software/services will be used by Global Equity, then extended to Asset Allocation and potentially other asset classes.
New subscription agreement; three year term; purchase order to exceed \$1M annually over the agreement term.					
2.	Bloomberg (Purchase Order No. TBD)	INVO	Existing	N/A	Multiple asset classes. Data service provider; assists in internal portfolio management.
Subscription agreement; annual renewal; total purchase order approximately \$4M in FY 16/17.					
3.	Factset (Purchase Order No. TBD)	INVO	Existing	N/A	Multiple asset classes. Data service provider; assists in internal portfolio management.
Subscription agreement; annual renewal; total purchase orders not to exceed \$6M for FY 16/17.					
4.	S&P McGraw Hill (Purchase Order No. TBD)	INVO	Existing	N/A	Multiple Asset Classes. Data service provider; assists in internal portfolio management.
Subscription agreement; annual renewal; total purchase orders may exceed \$2M in FY 16/17.					
5.	Thomson Reuters Markets, LLC (Purchase Order No. TBD)	INVO	Existing	N/A	Data service provider to assist in the daily management of the fund.
Subscription agreement; annual renewal; total purchase orders may exceed \$1M in FY 16/17.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	PURCHASE ORDERS	Program	Initiate	Change Order Effective	Description of Services
6.	Glass Lewis Research on Proxy Propositions (Purchase Order No. TBD)	INVO	Existing	N/A	Proxy paper and voting services.
Subscription agreement; annual renewal; total purchase order will be approximately \$3M total value through FY 17/18.					
7.	FTSE International Limited (Purchase Order No. TBD)	INVO	Existing	N/A	Benchmark services for the investment portfolios of the fund.
Subscription agreement; annual renewal; may exceed \$750K through FY 16/17.					
8.	Barra/MSCI, LLC. (Purchase Order No. TBD)	INVO	Existing	N/A	Multiple asset classes. Data service provider; assists in internal portfolio management.
Subscription agreement; annual renewal; may exceed \$850K through FY 16/17.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	EXISTING INVESTMENT MANAGER CONTRACTS	Program	Award/ Initiate	Contract/ Amendment Start	Description of Services
1.	Alliance Bernstein LP (Contract No. 2006-4120) Global Fixed Income	INVO	Existing	Existing	Investment management services for international fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
2.	Baring International Investment Limited (Contract No. 2000-2089) Global Fixed Income	INVO	Existing	Existing	Investment management services for international fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
3.	Columbia Management Investment Advisors (Contract No. 2008-4960) Global Fixed Income	INVO	Existing	Existing	Investment management services for high yield fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
4.	Voya Investment Management Co. LLC (Contract No. 2008-4965) Global Fixed Income	INVO	Existing	Existing	Investment management services for high yield fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
5.	J.P. Morgan Investment Management (Contract No.2008-4963) Global Fixed Income	INVO	Existing	Existing	Investment management services for high yield fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	EXISTING INVESTMENT MANAGER CONTRACTS	Program	Award/ Initiate	Contract/ Amendment Start	Description of Services
6.	Logan Circle Partners, LP (Contract No. 2008-4962) Global Fixed Income	INVO	Existing	Existing	Investment management services for high yield fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
7.	Nomura Corporate Research and Asset Management, Inc. (Contract No. 2001-2621) Global Fixed Income	INVO	Existing	Existing	Investment management services for high yield fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
8.	Pacific Investment Management Company, Inc. (Contract No. 2001-2620) Global Fixed Income	INVO	Existing	Existing	Investment management services for high yield fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
9.	Pacific Investment Management Company, Inc. (Contract No. 2006-4121) Global Fixed Income	INVO	Existing	Existing	Investment management services for international fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
10.	Rogge Global Partners (Contract No. 2000-2091) Global Fixed Income	INVO	Existing	Existing	Investment management services for international fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	EXISTING INVESTMENT MANAGER CONTRACTS	Program	Award/ Initiate	Contract/ Amendment Start	Description of Services
11.	The Putnam Advisory Company, LLC (Contract No. 2008-4961) Global Fixed Income	INVO	Existing	Existing	Investment management services for high yield fixed income.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
12.	CitiMortgage (Contract No. 2007-4581) Global Fixed Income	INVO	Existing	Existing	Financial servicing for the member home loan program.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
13.	Alliance Bernstein LP (Contract No. 2002-2658) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
14.	Allianz Global Investors (Contract No. 2014-7482) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
15.	Arrowstreet Capital, LP (Contract No. 2002-2945) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	EXISTING INVESTMENT MANAGER CONTRACTS	Program	Award/ Initiate	Contract/ Amendment Start	Description of Services
16.	Baillie Gifford Overseas Limited (Contract No. 2000-2263) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
17.	Epoch Investment Partners, Inc. (Contract No. 2014-7481) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
18.	First Quadrant, LP (Contract No. 2006-4182) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
19.	Genesis Asset Managers, LLP (Contract No. 2002-2659) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
20.	Hermes Sourcecap Limited (Contract No. 2013-7179) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	EXISTING INVESTMENT MANAGER CONTRACTS	Program	Award/ Initiate	Contract/ Amendment Start	Description of Services
21.	Huber Capital Management, LLC (Contract No. 2013-7180) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
22.	J.P. Morgan Investments Management, Inc. (Contract No. 2007-4529) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
23.	Lazard Asset Management, LLC (Contract No. 2006-3943) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
24.	Pyramis Global Advisors Trust Company (Contract No. 2006-3954) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
25.	Pzena Investment Management, LLC (Contract No. 2000-2097) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	EXISTING INVESTMENT MANAGER CONTRACTS	Program	Award/ Initiate	Contract/ Amendment Start	Description of Services
26.	The Boston Company Asset Management (Contract No. 1997-0288) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
27.	TOBAM SAS (Contract No. 2013-7178) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
28.	Wasatch Advisors Inc. (Contract No. 2012-6692) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
29.	Wellington Management Company, LLP (Contract No. 2014-7480) Global Equity	INVO	Existing	Existing	Investment management services for the Global Equity portfolio.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
30.	Arrowstreet Capital, LP (Contract No. 2014-7483) Global Equity	INVO	New	Existing	Investment management services for Global Equity.
Existing Investment Manager, undefined value; term is without defined duration, may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	EXISTING INVESTMENT MANAGER CONTRACTS	Program	Award/ Initiate	Contract/ Amendment Start	Description of Services
31.	Alliance Bernstein L.P. (Contract No. 2014-7472) Global Fixed Income	INVO	Existing	Existing	Investment management services for the international fixed income portfolio.
Existing Investment Manager, undefined value; term is without defined duration; may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
32.	BlueBay Asset Management LLP (Contract No. 2014-7473) Global Fixed Income	INVO	Existing	Existing	Investment management services for the international fixed income portfolio.
Existing Investment Manager, undefined value; term is without defined duration; may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
33.	Goldman Sachs Asset Management, L.P. (Contract No. 2014-7474) Global Fixed Income	INVO	Existing	Winter 2016	Investment management services for the international fixed income portfolio.
Existing Investment Manager, undefined value; term is without defined duration; may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
34.	Investec Asset Management US Limited (Contract No. 2014-7475) Global Fixed Income	INVO	Existing	Existing	Investment management services for the international fixed income portfolio.
Existing Investment Manager, undefined value; term is without defined duration; may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					
35.	Neuberger Berman (Contract No. 2014-7476) Global Fixed Income	INVO	Existing	Existing	Investment management services for the international fixed income portfolio.
Existing Investment Manager, undefined value; term is without defined duration; may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	EXISTING INVESTMENT MANAGER CONTRACTS	Program	Award/ Initiate	Contract/ Amendment Start	Description of Services
36.	BlackRock Financial Management (Contract No. 2006-4154) Global Fixed Income	INVO	Existing	Existing	Investment management services for international fixed income.
Existing Investment Manager, undefined value; term is without defined duration; may or may not be funded through December 2017; if funded, base and/or performance fees may exceed \$1M.					

	UNDEFINED – LEGAL SERVICES CONTRACTS	Program	Initiate	Contract/ Amendment Start	Description of Services
1.	K&L Gates, LLP (Contract No. 2013-6981)	LEGO	Existing	Existing	Outside Legal Counsel services for Private Equity investments.
Contract expires December 2018; estimated contract value is \$1.9M for FY 16/17.					
2.	Pillsbury Winthrop Shaw Pittman, LLP (Contract No. 2013-6983)	LEGO	Existing	Existing	Outside Legal Counsel services for Private Equity investments.
Contract expires December 2018; estimated contract value is \$1.2M for FY 16/17.					
3.	Reed Smith, LLP (Contract No. 2014-7534)	LEGO	Existing	Existing	Outside Legal Counsel services for Business Litigation.
Contract began December 2019; estimated contract value is \$1.2M for FY 16/17.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	LETTERS OF ENGAGEMENT (LOE)	Program	Initiate	Contract/ Amendment Start	Description of Services
1.	KearnFord Application Systems Design (Purchase Order No. 66699)	ITSB	Existing	N/A	Data analysis and data correction services for the my CalPERS retirement application.
IT Spring-Fed Pool LOE; not to exceed \$1.3M.					
2.	KearnFord Application Systems Design (Purchase Order No. 66698)	ITSB	Existing	N/A	Test planning, test preparation and test execution of the my CalPERS application and my CalPERS interfaces.
IT Spring-Fed Pool LOE; not to exceed \$1.2M.					
3.	Delegata (Purchase Order No. 66475)	ITSB	Existing	N/A	My CalPERS Program Office governance, project management, communications, vendor management, and decision analysis services for the maturing and sustainability of its my CalPERS system as an ongoing solution platform.
IT Spring-Fed Pool LOE; not to exceed \$1.2M.					
4.	Ryedale (Contract No. 2015-7973) INVO	INVO	Existing	Existing	Specialized information technology consulting, analysis, software development and implementation services for an investment portfolio management solution.
IT Spring-Fed Pool LOE; not to exceed \$2M in one-time fees through FY 16/17.					

Solicitations, Contracts, Purchase Orders and Letters of Engagement - \$1 Million or Greater

	LETTERS OF ENGAGEMENT (LOE)	Program	Initiate	Contract/ Amendment Start	Description of Services
5.	Bard Consulting LLC (Contract No. 2014-7427) INVO	INVO	Existing	Existing	Provide investment consulting services including due diligence and prudent person opinions.
Real Assets Investment Consulting Services Spring-Fed Pool LOE; not to exceed \$1.5M for FY 16/17.					
6.	Propoint Technology, Inc. (Contract No. 2015-7574) INVO	INVO	Existing	Existing	Project management application development and management support services to acquire consulting resources that will perform project management, application development and management support services to support INVO Roadmap initiatives and existing Investment technology solutions for Global Equity, Private Equity, Artemis, and Investment Portal.
IT Spring-Fed Pool LOE; not to exceed \$2M in FY 16/17.					
7.	Greenhill Cogent (Contract No. 2016-8201) INVO	INVO	Existing	Existing	Intermediary services for private equity interests.
Private Equity Spring-Fed Pool LOE; transaction success fee not to exceed \$1M for FY 16/17. Contractor is paid based on the success of the transaction. The fees paid to Contractor are based on the transaction value of the sale of the assets.					

Legend:

- HPRD – Health Policy Research Division
- ITSB – Information Technology Services Branch
- INVO – Investment Office
- LEGO – Legal Office