

## Attachment 1 Investment Manager Contracts Without Defined Duration Extension List

Contract No.	Contractor Name	Asset Class	Effective Date	Strategy
2006-4120	Alliance Bernstein L.P.	Fixed Income	11/22/06	International Fixed Income
2000-2089	Baring Asset Management	Fixed Income	09/01/00	International Fixed Income
2014-7473	BlueBay Asset Management LLP	Fixed Income	5/5/2016	International Fixed Income
2007-4581	CitiMortgage, Inc.	Fixed Income	06/28/08	Financial Servicing for the Member Home Loan Program
2008-4960	Columbia Management Investment Advisors, LLC	Fixed Income	03/16/09	High Yield Fixed Income
2014-7474	Goldman Sachs Asset Management	Fixed Income	10/13/2016	International Fixed Income
2014-7475	Investec Asset Management North America	Fixed Income	9/23/2015	International Fixed Income
2008-4963	J.P. Morgan Investments Management Inc.	Fixed Income	06/24/09	High Yield Fixed Income
2008-4962	Logan Circle Partners, LP	Fixed Income	03/16/09	High Yield Fixed Income
2014-7476	Neuberger Berman	Fixed Income	5/5/2016	International Fixed Income
2001-2621	Nomura Corporate Research and Asset Management Inc.	Fixed Income	02/01/02	High Yield Fixed Income
2001-2620	Pacific Investment Management Company Inc.	Fixed Income	02/01/02	High Yield Fixed Income
2006-4121	Pacific Investment Management Company Inc.	Fixed Income	02/15/07	International Fixed Income
2008-4961	The Putnam Advisory Company, LLC	Fixed Income	03/16/09	High Yield Fixed income
2008-4965	Voya Investment Management Co. LLC	Fixed Income	06/16/09	High Yield Fixed Income
2014-7482	Allianz Global Investors U.S. LLC	Global Equity	6/2/2015	Active Global Equity
2014-7483	Arrowstreet Capital, L.P.	Global Equity	12/1/2015	Active Global Equity
2002-2945	Arrowstreet Capital, LP	Global Equity	01/01/03	Active Non-U.S. Equity
2000-2263	Baillie Gifford Overseas Limited	Global Equity	05/01/01	Non-U.S. Core
2014-7481	Epoch Investment Partners, Inc.	Global Equity	7/8/2015	Active Global Equity
2006-3954	Fidelity Institutional Asset Management Trust Company	Global Equity	07/31/06	Active Non-US Equity
2006-4182	First Quadrant, L.P.	Global Equity	03/01/2007	Domestic Active Equity
2013-7179	Hermes European Equities Limited	Global Equity	5/6/2015	European Equity
2007-4529	J.P. Morgan Investment Management, Inc.	Global Equity	04/01/08	U.S. Equity Long/Short

## Item 4b - Attachment 1, Page 2 of 2

2006-3943	Lazard Asset Management, LLC	Global Equity	10/27/06	Emerging Markets Equity
2000-2097	Pzena Investment Management, LLC	Global Equity	09/01/00	Domestic Active Equity Portfolio
2012-6541	State Street Global Advisors Trust Company	Global Equity	09/28/12	Long-Term Care Fund
1997-0288	The Boston Company Asset Management LLC	Global Equity	05/29/1998	Domestic Active Equity
2014-7480	Wellington Management Company, LLP	Global Equity	7/28/2015	Active Global Equity

