

Investment Adviser and Consultant Contracts

Contracting Party	Investment Style	Total Assets under contract as of 06/30/18	Fiscal Year 2018 Fees Paid	Estimated Fees to be paid in Fiscal Year 2019
Domestic Equity				
AQR CAPITAL MANAGEMENT	Small Core	\$ 234,012,286	\$ 983,149	\$ 1,081,464
CHANNING CAPITAL MANAGEMENT	Small Value	152,265,932	934,937	1,028,431
EMERALD ADVISORS	Small Growth	219,604,354	1,198,226	1,318,049
JP MORGAN INVESTMENT MANAGEMENT ²	Large Core	454,792,304	1,511,453	1,662,598
LEVIN CAPITAL STRATEGIES	Large Core	422,984,864	1,045,818	1,150,400
LSV ASSET MANAGEMENT	Smid Value	368,781,508	1,817,752	1,999,527
LSV ASSET MANAGEMENT	Large Value	1,068,046,849	2,243,573	2,467,930
MATARIN CAPITAL MANAGEMENT	Small Core	33,872,025	118,074	129,881
RHUMBLINE ADVISERS	Smid Core	37,385,140	2,886	3,175
RHUMBLINE ADVISERS	Large Core	3,852,858,123	218,729	240,602
ROBECO BOSTON PARTNERS 130/30	Large Value	638,759,350	1,192,262	1,311,488
T. ROWE PRICE ASSOCIATES ²	Large Growth	734,445,684	1,603,292	1,763,621
International Equity				
ACADIAN INTERNATIONAL	Large Core	980,481,500	2,932,008	3,225,209
AQR CAPITAL MANAGEMENT	Emerging	709,190,116	4,836,468	5,320,115
ARROWSTREET CAPITAL	Large Cap	745,214,243	530,669	716,403
AXIOM INTERNATIONAL	Emerging	538,755,374	4,080,574	4,488,631
BROWN CAPITAL MANAGEMENT	Large Core	60,901,719	387,354	426,089
DIMENSIONAL FUND ADVISORS	Small Cap	438,924,911	2,620,394	2,882,433
DIMENSIONAL FUND ADVISORS	Emerging Small Cap	305,511,145	2,100,973	2,311,070
JP MORGAN INTERNATIONAL	Large Core	710,162,076	1,366,362	1,502,998
JP MORGAN INVESTMENT MANAGEMENT	Emerging	448,992,289	3,007,017	3,307,719
LSV ASSET MANAGEMENT	Large Value	1,009,018,613	3,839,873	4,223,860
MONDRIAN INVESTMENT PARTNERS	Active	621,459,939	2,585,767	2,844,344
NORTHERN TRUST MSCI EMERGING MARKETS	Emerging	61,021,442	42,036	46,240
NORTHERN TRUST	Large Core	2,251,169,779	597,467	657,214
STRATEGIC GLOBAL ADVISORS	All Cap Core	544,197,033	1,837,717	2,021,489
STRATEGIC GLOBAL ADVISORS	Small Cap	369,411,640	975,169	1,072,686
WASATCH ADVISORS	Small Cap	470,036,491	3,278,861	3,606,747
Fixed Income				
DOLAN MCENIRY CAPITAL MANAGEMENT	Core Plus	482,207,047	733,601	806,961
DOLAN MCENIRY HIGH YIELD	Core Plus	243,362,677	1,008,880	1,109,768
FRANKLIN ADVISERS	International	1,017,737,003	2,811,860	3,093,046
GARCIA HAMILTON & ASSOCIATES	Core Plus	363,294,715	602,509	662,760
MACKAY SHIELDS, LLC	Core Plus	1,095,275,254	2,406,586	2,647,245
PACIFIC INVESTMENT MANAGEMENT COMPANY ²	Core Plus	503,810,354	3,529,703	3,882,673

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PACIFIC INVESTMENT MANAGEMENT COMPANY ²	Global Inflation Linked Bonds	789,632,294	2,348,316	2,583,148
PRUDENTIAL INVESTMENT MANAGEMENT	Enhanced Passive	836,838,477	1,112,471	1,223,718
RAMIREZ ASSET MANAGEMENT	Core Plus	52,103,698	103,658	114,024
TAPLIN, CANIDA & HABACHT	Cash	1,482,690,245	720,147	792,162
TCW GROUP	International	786,489,189	2,644,316	2,908,748
WESTWOOD MANAGEMENT CORP	Special Situations	45,872	0	0
Real Estate				
Barings R.E. Advisers LLC ²	Separate Managers	419,399,528	1,619,711	1,781,682
Barings R.E. Advisers II	Separate Managers	9,869,233	28,423	31,265
Barings R.E. Advisers III	Separate Managers	42,594	0	0
Capri Capital Partners, LLC ²	Separate Managers	1,066,002,841	2,508,015	2,758,817
Heitman Capital Management, LLC ²	Separate Managers	1,614,044,147	5,332,116	5,865,328
Invesco Real Estate ²	Separate Managers	733,014,524	2,362,171	2,598,388
Lincoln Property Company Realty Advisors I, Ltd. ²	Separate Managers	629,347,280	2,128,003	2,340,803
Lincoln Property Company Realty Advisors Ltd. Core	Separate Managers	314,161,920	437,807	481,588
Lincoln Property Transition	Separate Managers	50,528,026	145,057	159,563
Principal Real Estate Investors ²	Separate Managers	184,567,167	665,787	732,366
Fund of Funds				
Greenspring	Private Equity	10,872,794	0	0
Grosvenor	Absolute Return	326,427,031	2,296,125	2,525,738
Morgan Creek Venture Access I	Private Equity	117,455,075	284,403	312,843
Morgan Creek Partners Asia, L.P.	Private Equity	96,334,179	802,220	882,442
Union Grove Partners Access II	Private Equity	9,870,320	284,108	312,519
Investment Consultants				
RVK, Inc.	General consultant	NA	457,643	465,000
Stepstone Group Real Estate, LP	Real Estate consultant	NA	279,971	280,000
TorreyCove Capital Partners LLC	Private Equity consultant	NA	997,500	900,000
Albourne Partners	Absolute Return consultant	NA	415,000	400,000
Aksia, LLC	Private Debt consultant	NA	0	500,000
Caledon Capital Management, Inc.	Co-investment consultant	NA	0	NA
Stout Risius Ross, Inc. ³	Co-investment consultant	NA	0	NA
Real Asset Portfolio Management ³	Co-investment consultant	NA	0	NA
ORG Portfolio Management ³	Co-investment consultant	NA	0	NA

¹ Fiscal Year To Date amounts represent fees incurred through June 30, 2018

² "Estimated fees to be paid" data includes base fee estimates only. A few managers have incentive fees which are based upon performance against benchmarks. Incentive fees are calculated on a quarterly or annual basis and excluded for this estimate.

³ No estimate as fees are paid on a case by case basis.

Factors that contributed to the selection of investment advisers and consultants included the experience and high quality of the firm's investment professionals, the soundness of the firm's investment philosophy and process, the strength and consistence of historical investment performance, the stability of the organization, and the strength of focus on risk management.

Disclosure in accordance with 40 ILCS 5/1-113.14(g)