DESCRIPTION OF INVESTMENT SERVICE CONTRACTS

Contracting Entity: Arrowstreet Capital, L.P.

Service/Product: International Equity – Emerging Markets

Contract Effective Date: 02/02/2023

Contract Expiration Date: Contract may be terminated by IMRF or Contractor upon 30

days advance written notice.

Investment Objective: To produce returns in excess of the Benchmark with generally

expected tracking error in the range of 3%-9% over rolling five

(5) year periods.

Assets under management

as of 12/31/2022: \$0

Total Fees Paid in 2022: \$0

Additional Fees: No finder's fees or finder's commissions were paid or shall be

paid by IMRF for establishing this contract.

Factors Contributing to the

Selection of this Contractor: Demonstrated professional performance; organizational depth;

institutional investment management capability;

reasonableness of fee structure and fit of product with portfolio

needs.