



State of Wisconsin
 Department of Employee Trust Funds
 4822 Madison Yards Way
 Madison, WI 53705-9100

P. O. Box 7931
 Madison, WI 53707-7931

Contract by Authorized Board

Commodity or Service:

Contract No.:

Consulting Actuary for Wisconsin
 Health Insurance Programs

ETD0012 – Amendment #8 dated June 14, 2019

Contract Period: January 1, 2019 through December 31, 2019

1. This Contract Amendment #8 is entered into by the State of Wisconsin Department of Employee Trust Funds (ETF), hereinafter referred to as the "Department," and The Segal Company (Eastern States), Inc., hereinafter referred to as the "Contractor," whose address and principal officer appear on page 2 below. The Department is the sole point of contact for this Contract.
2. Whereby the Department agrees to direct the purchase and the Contractor agrees to supply the Contract requirements cited herein in accordance with the State of Wisconsin Standard Terms and Conditions and in accordance with the Contractor's proposal date February 17, 2014 hereby made a part of this contract by reference.
3. In connection with the performance of work under this Contract, the Contractor agrees not to discriminate against any employees or applicants for employment because of age, race, religion, color, handicap, sex, physical condition, developmental disability as defined in s.51.01(5), Wis. Stats., sexual orientation as defined in s.111.32(13m), Wis. Stats., or national origin. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor further agrees to take affirmative action to ensure equal employment opportunities. The Contractor agrees to post in conspicuous places, available for employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of the nondiscrimination clause.
4. Contracts estimated to be over fifty thousand dollars (\$50,000) require the submission of a written affirmative action plan. Contractors with an annual work force of less than fifty (50) employees are exempted from this requirement. Within fifteen (15) business days after the award of the Contract, the plan shall be submitted for approval to the Department. Technical assistance regarding this clause is provided by the Department of Employee Trust Funds, P.O. Box 7931, Madison, WI 53707-7931, 608.266.2586, or via e-mail at ETFsMBProcurement@etf.wi.gov.
5. This initial contract period is for fifteen (15) months. Each contract period annually will be for twelve (12) months and extend unless and until either party gives the other 180 days' notice of their intent to cancel the Contract.
6. The Contract Amendment #1 is dated January 7, 2016 and the costs are not to exceed \$333,720.
7. The Contract Amendment #2 is dated April 7, 2016 with the attached Scope of Work dated April 7, 2016. Maximum costs for Wellness and Data Warehouse and Business Intelligence services shall be \$27,000 and paid upon ETF's satisfactory deliverable receipt and an approved invoice with billable hours. Maximum costs for Self-insuring/Regional Services shall be \$175,000 and paid in eight (8) equal installments from April through November 2016 upon receipt of an approved invoice. The total costs for Contract Amendment #2 shall not exceed \$202,000.
8. The Contract Amendment #3 is dated May 16, 2016 with attached Scope of Work dated May 16, 2016. All deliverables will be received by June 30, 2016. The total cost for Contract Amendment #3 shall not exceed \$106,000.
9. The Contract Amendment #4 is dated February 2, 2017 and the costs are not to exceed \$340,094.
10. The Contract Amendment #5 February 19, 2018 for consulting actuary related services, with the costs not to exceed \$354,474 for retainer fee services described in RFP ETD0012 and Amendment #5A. Amendment #5B includes the scope of work and fees for the Medicare Advantage RFP, and the costs are not to exceed \$107,844. Amendment #5C includes the scope of work and fees for the preparation of the Other Postemployment Benefit (OPEB) Information and the costs are not to exceed \$125,000. Amendment #5D includes the scope of work and fees for assistance on the RFP for the Self-insuring and regionalization of the health benefits program and the costs are not to exceed \$159,794. Costs for Amendments #5B&C&D shall be billed in addition to the 2018 retainer fee, in a single invoice, after ETF's satisfactory receipt of deliverables.

11. The Contract Amendment #6 dated March 7, 2019 is for consulting actuary related services:
 - costs are not to exceed \$362,201 for those retainer fee services described in RFP ETD0012;
 - RFP ETD0012 Sect. 2.4 is amended as shown in Amendment #6A; and
 - RFP ETD0012 Sect. 3.6 Annual Health Insurance Dates and Deliverables Timetables is replaced with the table in Amendment #6B; and
 - Amendment #6C adds scope of work dated February 20, 2019 regarding Audit of the Income Continuation Insurance (ICI) and Duty Disability (DD) Actuarial Valuations for the Wisconsin Department of Employee Trust Funds (ETF) for which costs are not to exceed \$ 110,000.

12. The Contract Amendment #7 dated April 23, 2019 is for consulting actuary related services. It includes the scope of work and fees for the preparation of the Other Postemployment Benefit (OPEB) Information and the costs are not to exceed \$40,000.

13. This Contract Amendment #8 dated June 14, 2019 is for consulting actuary related services. It includes the scope of work described in Amendment #8A for the assessment of the Department's data warehouse and visual business intelligence services with costs are not to exceed \$40,000.

14. For purposes of administering the Contract, the order of precedence is:
 - A) The Contract with the Segal Company (Eastern States), Inc.;
 - B) this Contract Amendment #8 dated June 14, 2019;
 - C) the Contract Amendment #7 dated April 23, 2019;
 - D) the Contract Amendment #6 dated March 7, 2019;
 - E) the Contract Amendment #5 dated February 19, 2018;
 - F) the Contract Amendment #4 dated February 2, 2017;
 - G) the Contract Amendment #3 dated May 16, 2016 with attached Scope of Work dated May 16, 2016;
 - H) the Contract Amendment #2 dated April 7, 2016 with attached Scope of Work dated April 7, 2016;
 - I) the Contract Amendment #1 dated January 7, 2016;
 - J) Questions from vendors and ETF Answers dated January 28, 2014;
 - K) Exhibit A, Changes Agreed to by the Parties from the Request for Proposal (RFP) ETD0012;
 - L) Exhibit B, Business Associate Agreement dated July 23, 2014;
 - M) the RFP dated January 6, 2014, and
 - N) the Contractor's proposal dated February 17, 2014.

Contract Number & Service: ETD0012 – Amendment #8

State of Wisconsin	
Department of Employee Trust Funds	
Signature	DocuSigned by: <i>Robert J. Conlin</i> 249398FF083F431...
Name/Title	Robert J. Conlin, Secretary Department of Employee Trust Funds
Phone	608.266.0301
Date (MM/DD/CCYY)	6/17/2019

Contractor	
Legal Company Name The Segal Company (Eastern States), Inc.	
Trade Name Segal Consulting	
Taxpayer Identification Number 13-1835864	
Company Address (City, State, Zip) 2018 Powers Ferry Road, Suite 850 Atlanta, GA 30339	
By (print Name) Kenneth C. Vieira, FSA, FCA, MAAA	
Signature	DocuSigned by: <i>Kenneth C. Vieira</i> AF4A2DFC010B478...
Title Senior Vice President	
Phone 678.306.3154	
Date (MM/DD/CCYY) 6/14/2019	

Amendment #8A

This scope of work documents the services to be delivered as an amendment to the actuarial services contract for assessing the Department's Data Warehouse and Visual Business Intelligence Services Contract ETG0004/ETG0006, currently with the vendor International Business Machines (IBM). The scope includes the timetable by which draft and final reports are due and the maximum cost to the Department. Segal will provide the following services for the Department's Data Warehouse and Visual Business Intelligence Services assessment:

The Department of Employee Trust Funds (Department) is seeking an auditor to assess whether its data warehouse and business intelligence vendor for the Group Health Insurance Program has the proper controls in place to ensure that the data warehouse and its associated business intelligence tools are providing high quality data that effectively support business decision-making.

High quality data is defined as data that is complete, accurate, valid, timely, consistent, and secure.

The audit should include a review of:

- Methods for identification, resolution, and monitoring of data quality issues or data security incidents, including the effectiveness of communication with the Department and the data submitting entities.
- Manual and automated processes for data ingestion, including extraction, transformation and loading (ETL), data profiling, standardization, cleansing, and ongoing monitoring for anomalies introduced in the course of operations.
- Manual and automated processes and capabilities for ensuring the integrity and security of the data submitted to the vendor and included in the data warehouse and available in any business intelligence tools.
- Data management and data quality tools and capabilities of the vendor.

The audit should cover the ten-month period that began once the database and its business intelligence tools went operational; September 2018 through June 2019.

The auditor may use the results of the vendor's Systems and Organizational Controls (SOC) 2, type 2 audit conducted by a separate, independent-third party auditor to support the results of its review.

Due date to the Department: September 16, 2019 for draft report;
October 4, 2019 for final report.

The total cost shall not exceed \$40,000. A single invoice for the total amount shall be billed after deliverables are received and ETF has acknowledged the quality of the deliverables.