

DISCLOSURES REQUIRED PURSUANT TO CHAPTER 2013-100, FLORIDA STATUTES

(a) City/District	Coral Springs
(b) Plan Name	City of Coral Springs Firefighters Retirement Plan
(c) Plan Type	Defined Benefit
(d) Valuation Date	10/1/2018
(e) Interest Rate:	
(1) Discount Rate, net of investment fees	8.50%
(2) Long-Term Expected Rate of Return, net of investment fees	8.50%

With respect to the reporting standards for defined benefit retirement plans or systems contained in Section 112.664(1), F.S., the actuarial disclosures required under this section were prepared and completed by me or under my direct supervision and I acknowledge responsibility for the results. To the best of my knowledge, the results are complete and accurate, and in my opinion, meet the requirements of Section 112.664(1), F.S., and Section 60T-1.0035, F.A.C.

(f) Certification Statement:

(1) Signature	
(2) Actuary's Name	Charles T. Carr
(3) Enrollment Number	17-04927
(4) Signature Date	2/20/2019
(5) Cover letter attached (pdf)?	N

Section 112.664(1)(a), F.S.

(g) Total pension liability:

(1) Service cost	\$3,613,188
(2) Interest	\$6,724,763
(3) Benefit changes	\$0
(4) Difference between expected and actual experience	(\$760,007)
(5) Changes in assumptions	\$0
(6) Benefit payments	(\$825,376)
(7) Contribution refunds	(\$7,940)
(8) Net change in total pension liability	\$8,744,628
(9) Total pension liability - beginning of year	\$75,909,838
(10) Total pension liability - ending of year	\$84,654,466

(h) Plan fiduciary net position:

(1) Contributions - Employer	\$2,588,448
(2) Contributions - State	\$1,169,685
(3) Contributions - Member	\$1,295,062
(4) Net investment income	\$9,580,051
(5) Benefit payments	(\$825,376)
(6) Contribution refunds	(\$7,940)
(7) Administrative expenses	(\$118,709)
(8) Other	\$3,430
(9) Net change in plan fiduciary net position	\$13,684,651
(10) Plan fiduciary net position - beginning of year	\$91,031,161
(11) Plan fiduciary net position - ending of year	\$104,715,812

(i) Net pension liability/(asset) [(g)(10) minus (h)(11)]	(\$20,061,346)
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Section 112.664(1)(b), F.S.

(j) Total pension liability:	
(1) Service cost	\$5,658,803
(2) Interest	\$6,834,339
(3) Benefit changes	\$0
(4) Difference between expected and actual experience	(\$968,900)
(5) Changes in assumptions	\$0
(6) Benefit payments	(\$825,376)
(7) Contribution refunds	(\$7,940)
(8) Net change in total pension liability	\$10,690,926
(9) Total pension liability - beginning of year	\$99,894,969
(10) Total pension liability - ending of year	\$110,585,895
(k) Plan fiduciary net position:	
(1) Contributions - Employer	\$2,588,448
(2) Contributions - State	\$1,169,685
(3) Contributions - Member	\$1,295,062
(4) Net investment income	\$9,580,051
(5) Benefit payments	(\$825,376)
(6) Contribution refunds	(\$7,940)
(7) Administrative expenses	(\$118,709)
(8) Other	\$3,430
(9) Net change in plan fiduciary net position	\$13,684,651
(10) Plan fiduciary net position - beginning of year	\$91,031,161
(11) Plan fiduciary net position - ending of year	\$104,715,812
(l) Net pension liability/(asset) [(j)(10) minus (k)(11)]	\$5,870,083

Section 112.664(1)(c), F.S. (on last valuation basis)

(m) Number of Years, and fractional parts of Years, for which the Market Value of Assets are adequate to sustain expected retirement benefits	31.66
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Section 112.664(1)(c), F.S. (on Section 112.664(1)(a), F.S. basis)

(n) Number of Years, and fractional parts of Years, for which the Market Value of Assets are adequate to sustain expected retirement benefits	999.99
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Section 112.664(1)(c), F.S. (on Section 112.664(1)(b), F.S. basis)

(o) Number of Years, and fractional parts of Years, for which the Market Value of Assets are adequate to sustain expected retirement benefits	25.37
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Section 112.664(1)(d), F.S. (on last valuation basis)

(p) Recommended Plan contributions in Annual Dollar Value	\$5,139,356
(q) Recommended Plan contributions as a Percentage of Valuation Payroll	33.87%

Section 112.664(1)(d), F.S. (on Section 112.664(1)(a), F.S. basis)

(r) Recommended Plan contributions in Annual Dollar Value	\$1,249,448
(s) Recommended Plan contributions as a Percentage of Valuation Payroll	8.24%

Section 112.664(1)(d), F.S. (on Section 112.664(1)(b), F.S. basis)

(t) Recommended Plan contributions in Annual Dollar Value	\$6,397,708
(u) Recommended Plan contributions as a Percentage of Valuation Payroll	42.17%

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ADDITIONAL DISCLOSURES

Section 112.664(1)(a), F.S., PLUS 2%

Total pension liability:

(1) Service cost	\$2,373,558
(2) Interest	\$6,463,306
(3) Benefit changes	\$0
(4) Difference between expected and actual experience	(\$646,417)
(5) Changes in assumptions	\$0
(6) Benefit payments	(\$825,376)
(7) Contribution refunds	(\$7,940)
(8) Net change in total pension liability	\$7,357,131
(9) Total pension liability - beginning of year	\$59,587,993
(10) Total pension liability - ending of year	\$66,945,124

Plan fiduciary net position:

(1) Contributions - Employer	\$2,588,448
(2) Contributions - State	\$1,169,685
(3) Contributions - Member	\$1,295,062
(4) Net investment income	\$9,580,051
(5) Benefit payments	(\$825,376)
(6) Contribution refunds	(\$7,940)
(7) Administrative expenses	(\$118,709)
(8) Other	\$3,430
(9) Net change in plan fiduciary net position	\$13,684,651
(10) Plan fiduciary net position - beginning of year	\$91,031,161
(11) Plan fiduciary net position - ending of year	\$104,715,812

Net pension liability/(asset) (\$37,770,688)

Section 112.664(1)(c), F.S. (on Section 112.664(1)(a), F.S. basis PLUS 2%)

Number of Years, and fractional parts of Years, for which the Market Value of Assets are adequate to sustain expected retirement benefits 999.99

Section 112.664(1)(d), F.S. (on Section 112.664(1)(a), F.S. basis PLUS 2%)

Recommended Plan contributions in Annual Dollar Value \$1,327,518  
Recommended Plan contributions as a Percentage of Valuation Payroll 8.75%