

# AUDITEC- Auditoria Técnica Atuarial

## ANEXO IV

### Coronel Barros - Exercício 2018

Data base - 31/12/2017

### Projeção Atuarial do Regime Próprio de Previdência dos Servidores

| Exercício | Receitas Previdenciárias (a) | Despesas Previdenciárias (b) | Resultado Previdenciário c = (a-b) | Saldo Financeiro do Exercício (d) = ("d" exercício anterior) + (c) |
|-----------|------------------------------|------------------------------|------------------------------------|--------------------------------------------------------------------|
| 2017      | 1.978.015,00                 | 631.319,00                   | 1.346.696,00                       | 1.346.696,00                                                       |
| 2018      | 2.099.397,10                 | 748.193,68                   | 1.351.203,42                       | 2.778.701,18                                                       |
| 2019      | 2.099.397,10                 | 748.193,68                   | 1.351.203,42                       | 4.296.626,67                                                       |
| 2020      | 2.112.342,92                 | 812.922,76                   | 1.299.420,16                       | 5.853.844,42                                                       |
| 2021      | 2.138.234,55                 | 942.380,92                   | 1.195.853,63                       | 7.400.928,72                                                       |
| 2022      | 2.144.707,46                 | 974.745,46                   | 1.169.962,00                       | 9.014.946,44                                                       |
| 2023      | 2.177.072,00                 | 1.136.568,16                 | 1.040.503,84                       | 10.596.347,06                                                      |
| 2024      | 2.202.963,63                 | 1.266.026,32                 | 936.937,31                         | 12.169.065,19                                                      |
| 2025      | 2.222.382,35                 | 1.363.119,94                 | 859.262,41                         | 13.758.471,51                                                      |
| 2026      | 2.241.801,08                 | 1.460.213,56                 | 781.587,52                         | 15.365.567,32                                                      |
| 2027      | 2.267.692,71                 | 1.589.671,72                 | 678.020,99                         | 16.965.522,34                                                      |
| 2028      | 2.313.003,06                 | 1.816.223,50                 | 496.779,56                         | 18.480.233,25                                                      |
| 2029      | 2.319.475,97                 | 1.848.588,04                 | 470.887,93                         | 20.059.935,17                                                      |
| 2030      | 2.358.313,42                 | 2.042.775,28                 | 315.538,14                         | 21.579.069,42                                                      |
| 2031      | 2.384.205,05                 | 2.172.233,44                 | 211.971,61                         | 23.085.785,20                                                      |
| 2032      | 2.390.677,96                 | 2.204.597,98                 | 186.079,98                         | 24.657.012,29                                                      |
| 2033      | 2.416.569,59                 | 2.334.056,14                 | 82.513,45                          | 26.218.946,48                                                      |
| 2034      | 2.423.042,50                 | 2.366.420,68                 | 56.621,82                          | 27.848.705,09                                                      |
| 2035      | 2.461.879,95                 | 2.560.607,92                 | -98.727,97                         | 29.420.899,42                                                      |
| 2036      | 2.487.771,58                 | 2.690.066,08                 | -202.294,50                        | 30.983.858,89                                                      |
| 2037      | 2.513.663,21                 | 2.819.524,24                 | -305.861,03                        | 32.537.029,39                                                      |
| 2038      | 2.533.081,94                 | 2.916.617,86                 | -383.535,92                        | 34.105.715,23                                                      |
| 2039      | 2.584.865,20                 | 3.175.534,18                 | -590.668,98                        | 35.561.389,16                                                      |
| 2040      | 2.591.338,11                 | 3.207.898,72                 | -616.560,61                        | 37.078.511,90                                                      |
| 2041      | 2.597.811,02                 | 3.240.263,26                 | -642.452,24                        | 38.660.770,37                                                      |
| 2042      | 2.610.756,83                 | 3.304.992,34                 | -694.235,51                        | 40.286.181,08                                                      |
| 2043      | 1.751.244,39                 | 3.304.992,34                 | -1.553.747,95                      | 41.149.604,00                                                      |
| 2044      | 1.764.190,21                 | 3.369.721,42                 | -1.605.531,21                      | 42.013.049,02                                                      |
| 2045      | 1.770.663,12                 | 3.402.085,96                 | -1.631.422,85                      | 42.902.409,12                                                      |
| 2046      | 1.764.190,21                 | 3.369.721,42                 | -1.605.531,21                      | 43.871.022,45                                                      |
| 2047      | 1.751.244,39                 | 3.304.992,34                 | -1.553.747,95                      | 44.949.535,85                                                      |
| 2048      | 1.712.406,94                 | 3.110.805,10                 | -1.398.398,16                      | 46.248.109,85                                                      |
| 2049      | 1.731.825,67                 | 3.207.898,72                 | -1.476.073,05                      | 47.546.923,39                                                      |

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|             |              |              |               |                       |
|-------------|--------------|--------------|---------------|-----------------------|
| <b>2050</b> | 1.699.461,13 | 3.046.076,02 | -1.346.614,89 | <b>49.053.123,90</b>  |
| <b>2051</b> | 1.588.445,65 | 2.490.998,64 | -902.552,99   | <b>51.093.758,34</b>  |
| <b>2052</b> | 1.581.972,74 | 2.458.634,10 | -876.661,36   | <b>53.282.722,48</b>  |
| <b>2053</b> | 1.556.081,11 | 2.329.175,94 | -773.094,83   | <b>55.706.591,00</b>  |
| <b>2054</b> | 1.556.081,11 | 2.329.175,94 | -773.094,83   | <b>58.275.891,63</b>  |
| <b>2055</b> | 1.536.662,39 | 2.207.854,48 | -671.192,09   | <b>61.101.253,04</b>  |
| <b>2056</b> | 1.530.189,48 | 2.175.489,94 | -645.300,46   | <b>64.122.027,76</b>  |
| <b>2057</b> | 1.556.081,11 | 2.304.948,10 | -748.866,99   | <b>67.220.482,44</b>  |
| <b>2058</b> | 1.543.135,30 | 2.240.219,02 | -697.083,73   | <b>70.556.627,66</b>  |
| <b>2059</b> | 1.497.824,94 | 2.013.667,24 | -515.842,30   | <b>74.274.183,02</b>  |
| <b>2060</b> | 1.510.770,76 | 2.078.396,32 | -567.625,57   | <b>78.163.008,43</b>  |
| <b>2061</b> | 1.504.297,85 | 2.046.031,78 | -541.733,93   | <b>82.311.055,01</b>  |
| <b>2062</b> | 1.504.297,85 | 2.046.031,78 | -541.733,93   | <b>86.707.984,37</b>  |
| <b>2063</b> | 1.491.352,03 | 1.981.302,70 | -489.950,67   | <b>91.420.512,77</b>  |
| <b>2064</b> | 1.478.406,22 | 1.916.573,62 | -438.167,41   | <b>96.467.576,13</b>  |
| <b>2065</b> | 1.497.824,94 | 2.013.667,24 | -515.842,30   | <b>101.739.788,40</b> |
| <b>2066</b> | 1.491.352,03 | 1.981.302,70 | -489.950,67   | <b>107.354.225,03</b> |
| <b>2067</b> | 1.517.243,66 | 2.110.760,86 | -593.517,20   | <b>113.201.961,33</b> |
| <b>2068</b> | 1.536.662,39 | 2.207.854,48 | -671.192,09   | <b>119.322.886,92</b> |
| <b>2069</b> | 1.517.243,66 | 2.110.760,86 | -593.517,20   | <b>125.888.742,94</b> |
| <b>2070</b> | 1.536.662,39 | 2.207.854,48 | -671.192,09   | <b>132.770.875,42</b> |
| <b>2071</b> | 1.543.135,30 | 2.240.219,02 | -697.083,73   | <b>140.040.044,22</b> |
| <b>2072</b> | 1.581.972,74 | 2.434.406,26 | -852.433,52   | <b>147.590.013,36</b> |
| <b>2073</b> | 1.607.864,38 | 2.563.864,42 | -956.000,05   | <b>155.489.414,12</b> |
| <b>2074</b> | 1.627.283,10 | 2.660.958,04 | -1.033.674,94 | <b>163.785.104,02</b> |
| <b>2075</b> | 1.646.701,82 | 2.758.051,66 | -1.111.349,84 | <b>172.500.860,43</b> |
| <b>2076</b> | 1.698.485,09 | 3.016.967,98 | -1.318.482,89 | <b>181.532.429,16</b> |
| <b>2077</b> | 1.704.958,00 | 3.049.332,52 | -1.344.374,53 | <b>191.080.000,38</b> |
| <b>2078</b> | 1.711.430,90 | 3.081.697,06 | -1.370.266,16 | <b>201.174.534,25</b> |
| <b>2079</b> | 1.724.376,72 | 3.146.426,14 | -1.422.049,42 | <b>211.822.956,89</b> |
| <b>2080</b> | 1.737.322,54 | 3.211.155,22 | -1.473.832,69 | <b>223.058.501,61</b> |
| <b>2081</b> | 1.750.268,35 | 3.275.884,30 | -1.525.615,95 | <b>234.916.395,76</b> |
| <b>2082</b> | 1.756.741,26 | 3.308.248,84 | -1.551.507,58 | <b>247.459.871,93</b> |
| <b>2083</b> | 1.750.268,35 | 3.275.884,30 | -1.525.615,95 | <b>260.781.848,29</b> |
| <b>2084</b> | 1.737.322,54 | 3.211.155,22 | -1.473.832,69 | <b>274.954.926,50</b> |
| <b>2085</b> | 1.698.485,09 | 3.016.967,98 | -1.318.482,89 | <b>290.133.739,20</b> |
| <b>2086</b> | 1.717.903,81 | 3.114.061,60 | -1.396.157,79 | <b>306.145.605,77</b> |
| <b>2087</b> | 1.685.539,27 | 2.952.238,90 | -1.266.699,63 | <b>323.247.642,48</b> |
| <b>2088</b> | 1.659.647,64 | 2.822.780,74 | -1.163.133,10 | <b>341.479.367,93</b> |
| <b>2089</b> | 1.653.174,73 | 2.790.416,20 | -1.137.241,47 | <b>360.830.888,54</b> |
| <b>2090</b> | 1.627.283,10 | 2.660.958,04 | -1.033.674,94 | <b>381.447.066,91</b> |
| <b>2091</b> | 1.627.283,10 | 2.660.958,04 | -1.033.674,94 | <b>403.300.215,98</b> |

Obs: A Coluna "d" = Saldo Financeiro do Exercício está sendo corrigida com a taxa de juros atuarial (6,00% a.a.)