

Anlage 6: Zahlungsplan_Sanierung und Neubau

Anlage: Zahlungsplan für Lebenszykluskostenberechnung

Projekt-Nr. 340641_RHM

Zahlungsplan

Variante 1 Neubau

| Jahr | | Abschreibungen | Kapitalkosten | Objekt- management | laufende Instandhaltung | Instandsetzung (Erneuerung) | Entsorgung | Versorgung | Reinigung u. Pflege |
|---------------|----|----------------------|---------------------|-----------------------|----------------------------|--------------------------------|-------------------|---------------------|------------------------|
| 2020 | 0 | 0,00 | 16.126,95 | | | 87.356,02 | | | |
| 2021 | 1 | 1.007.934,43 | 15.659,27 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2022 | 2 | 1.007.934,43 | 15.191,35 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2023 | 3 | 1.007.934,43 | 14.723,20 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2024 | 4 | 1.007.934,43 | 14.254,82 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2025 | 5 | 1.007.934,43 | 13.786,20 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2026 | 6 | 1.007.934,43 | 13.317,35 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2027 | 7 | 1.007.934,43 | 12.848,27 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2028 | 8 | 1.007.934,43 | 12.378,94 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2029 | 9 | 1.007.934,43 | 11.909,39 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2030 | 10 | 1.007.934,43 | 11.439,60 | 0,00 | 446.413,86 | 1.629.584,33 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2031 | 11 | 1.007.934,43 | 438.782,92 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2032 | 12 | 1.007.934,43 | 428.559,28 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2033 | 13 | 1.007.934,43 | 418.131,16 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2034 | 14 | 1.007.934,43 | 407.494,49 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2035 | 15 | 1.007.934,43 | 396.645,08 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2036 | 16 | 1.007.934,43 | 385.578,68 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2037 | 17 | 1.007.934,43 | 374.290,95 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2038 | 18 | 1.007.934,43 | 362.777,47 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2039 | 19 | 1.007.934,43 | 351.033,72 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2040 | 20 | 1.007.934,43 | 339.055,09 | 0,00 | 446.413,86 | 1.629.584,33 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2041 | 21 | 1.007.934,43 | 326.836,89 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2042 | 22 | 1.007.934,43 | 314.374,33 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2043 | 23 | 1.007.934,43 | 301.662,52 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2044 | 24 | 1.007.934,43 | 288.696,47 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2045 | 25 | 1.007.934,43 | 275.471,10 | 0,00 | 446.413,86 | 16.897.644,56 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2046 | 26 | 1.007.934,43 | 261.981,22 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2047 | 27 | 1.007.934,43 | 248.221,54 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2048 | 28 | 1.007.934,43 | 234.186,67 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2049 | 29 | 1.007.934,43 | 219.871,10 | 0,00 | 446.413,86 | 87.356,02 | 4.760,42 | 178.288,23 | 99.001,67 |
| 2050 | 30 | 1.007.934,43 | 205.269,23 | 0,00 | 446.413,86 | 1.629.584,33 | 4.760,42 | 178.288,23 | 99.001,67 |
| Summen | | 30.238.033,00 | 6.730.555,24 | 0,00 | 13.392.415,83 | 24.145.010,16 | 142.812,54 | 5.348.646,95 | 2.970.050,06 |

Anlage: Zahlungsplan für Lebenszykluskostenberechnung

Projekt-Nr. 340641_RHM

Zahlungsplan

Variante 2 Sanierung

| Jahr | | Abschreibungen | Kapitalkosten | Objekt- management | laufende Instandhaltung | Instandsetzung (Erneuerung) | Entsorgung | Versorgung | Reinigung u. Pflege |
|---------------|----|----------------------|---------------------|-----------------------|----------------------------|--------------------------------|-------------------|---------------------|------------------------|
| 2020 | 0 | 0,00 | 12.786,36 | | | 101.120,08 | 0,00 | 0,00 | 0,00 |
| 2021 | 1 | 799.147,29 | 12.319,65 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2022 | 2 | 799.147,29 | 11.852,72 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2023 | 3 | 799.147,29 | 11.385,55 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2024 | 4 | 799.147,29 | 10.918,15 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2025 | 5 | 799.147,29 | 10.450,51 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2026 | 6 | 799.147,29 | 9.982,64 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2027 | 7 | 799.147,29 | 9.514,54 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2028 | 8 | 799.147,29 | 9.046,20 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2029 | 9 | 799.147,29 | 8.577,63 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2030 | 10 | 799.147,29 | 8.108,82 | 0,00 | 437.134,90 | 1.812.596,68 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2031 | 11 | 799.147,29 | 305.591,23 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2032 | 12 | 799.147,29 | 292.756,40 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2033 | 13 | 799.147,29 | 279.664,87 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2034 | 14 | 799.147,29 | 266.311,52 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2035 | 15 | 799.147,29 | 252.691,09 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2036 | 16 | 799.147,29 | 238.798,25 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2037 | 17 | 799.147,29 | 224.627,56 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2038 | 18 | 799.147,29 | 210.173,46 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2039 | 19 | 799.147,29 | 195.430,27 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2040 | 20 | 799.147,29 | 180.392,22 | 0,00 | 437.134,90 | 1.812.596,68 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2041 | 21 | 799.147,29 | 165.053,41 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2042 | 22 | 799.147,29 | 149.407,82 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2043 | 23 | 799.147,29 | 133.449,32 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2044 | 24 | 799.147,29 | 117.171,65 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2045 | 25 | 799.147,29 | 100.568,42 | 0,00 | 437.134,90 | 18.522.193,54 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2046 | 26 | 799.147,29 | 83.633,14 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2047 | 27 | 799.147,29 | 66.359,14 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2048 | 28 | 799.147,29 | 48.739,67 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2049 | 29 | 799.147,29 | 30.767,81 | 0,00 | 437.134,90 | 101.120,08 | 5.510,48 | 251.921,88 | 110.166,49 |
| 2050 | 30 | 799.147,29 | 12.436,51 | 0,00 | 437.134,90 | 1.812.596,68 | 5.510,48 | 251.921,88 | 110.166,49 |
| Summen | | 23.974.418,68 | 3.468.966,52 | 0,00 | 13.114.047,01 | 26.690.225,74 | 165.314,48 | 7.557.656,29 | 3.304.994,77 |