

Form 5500

Annual Return/Report of Employee Benefit Plan

OMB Nos. 1210-0110 1210-0089

2024

This Form is Open to Public Inspection

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

Complete all entries in accordance with the instructions to the Form 5500.

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

- A This return/report is for: [] a multiemployer plan [] a multiple-employer plan... [X] a single-employer plan [] a DFE... B This return/report is: [] the first return/report [] the final return/report... C If the plan is a collectively-bargained plan, check here... D Check box if filing under: [X] Form 5558 [] automatic extension... E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here...

Part II Basic Plan Information—enter all requested information

1a Name of plan RESEARCH CORPORATION TECHNOLOGIES, INC. EMPLOYEES' PENSION PLAN
1b Three-digit plan number (PN) 001
1c Effective date of plan 03/01/1987
2a Plan sponsor's name (employer, if for a single-employer plan) RESEARCH CORPORATION TECHNOLOGIES, INC.
2b Employer Identification Number (EIN) 86-0572766
2c Plan Sponsor's telephone number 520-748-4400
2d Business code (see instructions) 541990

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Includes rows for employer/plan sponsor and DFE.

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2024) v. 240311

| | | |
|---|--|----|
| 3a Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor | 3b Administrator's EIN | |
| | 3c Administrator's telephone number | |
| 4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name | 4b EIN | |
| | 4d PN | |
| 5 Total number of participants at the beginning of the plan year | 5 | 42 |
| 6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested..... | 6a(1) | 11 |
| | 6a(2) | 11 |
| | 6b | 15 |
| | 6c | 12 |
| | 6d | 38 |
| | 6e | 2 |
| | 6f | 40 |
| | 6g(1) | |
| 6g(2) | | |
| 6h | | 0 |
| 7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) | 7 | |

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
1A

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

| | |
|---|---|
| 9a Plan funding arrangement (check all that apply) | 9b Plan benefit arrangement (check all that apply) |
| (1) <input type="checkbox"/> Insurance | (1) <input type="checkbox"/> Insurance |
| (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts | (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts |
| (3) <input checked="" type="checkbox"/> Trust | (3) <input checked="" type="checkbox"/> Trust |
| (4) <input type="checkbox"/> General assets of the sponsor | (4) <input type="checkbox"/> General assets of the sponsor |

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

| | | | |
|--|--|--|--|
| a Pension Schedules | | b General Schedules | |
| (1) <input checked="" type="checkbox"/> R (Retirement Plan Information) | | (1) <input type="checkbox"/> H (Financial Information) | |
| (2) <input type="checkbox"/> MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary | | (2) <input checked="" type="checkbox"/> I (Financial Information – Small Plan) | |
| (3) <input checked="" type="checkbox"/> SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary | | (3) <input type="checkbox"/> A (Insurance Information) – Number Attached <u>0</u> | |
| (4) <input type="checkbox"/> DCG (Individual Plan Information) – Number Attached _____ | | (4) <input type="checkbox"/> C (Service Provider Information) | |
| (5) <input type="checkbox"/> MEP (Multiple-Employer Retirement Plan Information) | | (5) <input checked="" type="checkbox"/> D (DFE/Participating Plan Information) | |
| | | (6) <input type="checkbox"/> G (Financial Transaction Schedules) | |

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) Yes No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) Yes No

11c Enter the Receipt Confirmation Code for the 2024 Form M-1 annual report. If the plan was not required to file the 2024 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

| | | |
|---|--|--|
| SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small> | Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF. | <small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection |
|---|--|--|

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**
 ▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

| | | |
|---|---|------------|
| A Name of plan <u>RESEARCH CORPORATION TECHNOLOGIES, INC. EMPLOYEES' PENSION PLAN</u> | B Three-digit plan number (PN) ▶ | <u>001</u> |
| C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>RESEARCH CORPORATION TECHNOLOGIES, INC.</u> | D Employer Identification Number (EIN) <u>86-0572766</u> | |
| E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B | F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500 | |

Part I Basic Information

| | | | |
|----------|---|----------------------------|---------------------------|
| 1 | Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2024</u> | | |
| 2 | Assets: | | |
| | a Market value | 2a | <u>28115943</u> |
| | b Actuarial value | 2b | <u>28520119</u> |
| 3 | Funding target/participant count breakdown | (1) Number of participants | (2) Vested Funding Target |
| | a For retired participants and beneficiaries receiving payment | <u>17</u> | <u>8885984</u> |
| | b For terminated vested participants | <u>14</u> | <u>2552993</u> |
| | c For active participants | <u>11</u> | <u>6732620</u> |
| | d Total | <u>42</u> | <u>18171597</u> |
| 4 | If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/> | | |
| | a Funding target disregarding prescribed at-risk assumptions | 4a | |
| | b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor | 4b | |
| 5 | Effective interest rate | 5 | <u>5.10 %</u> |
| 6 | Target normal cost | | |
| | a Present value of current plan year accruals | 6a | <u>490909</u> |
| | b Expected plan-related expenses | 6b | <u>0</u> |
| | c Target normal cost | 6c | <u>490909</u> |

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

| | |
|--|--|
| SIGN HERE <u>JOSEPH MEYERS</u> Signature of actuary <u>USI CONSULTING GROUP</u> Firm name <u>5301 VIRGINA WAY SUITE 400</u> <u>BRENTWOOD, TN 37027</u> Address of the firm | <u>08/19/2025</u> Date <u>23-05500</u> Most recent enrollment number <u>629-895-7833</u> Telephone number (including area code) |
|--|--|

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

| Part II Beginning of Year Carryover and Prefunding Balances | | (a) Carryover balance | (b) Prefunding balance |
|--|--|-----------------------|------------------------|
| 7 | Balance at beginning of prior year after applicable adjustments (line 13 from prior year) | 0 | 0 |
| 8 | Portion elected for use to offset prior year's funding requirement (line 35 from prior year) | 0 | 0 |
| 9 | Amount remaining (line 7 minus line 8) | 0 | 0 |
| 10 | Interest on line 9 using prior year's actual return of <u>20.36</u> % | 0 | 0 |
| 11 | Prior year's excess contributions to be added to prefunding balance: | | |
| | a Present value of excess contributions (line 38a from prior year) | | 0 |
| | b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.23</u> % | | 0 |
| | b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return | | 0 |
| | c Total available at beginning of current plan year to add to prefunding balance | | 0 |
| | d Portion of (c) to be added to prefunding balance | | 0 |
| 12 | Other reductions in balances due to elections or deemed elections | 0 | 0 |
| 13 | Balance at beginning of current year (line 9 + line 10 + line 11d – line 12) | 0 | 0 |

| Part III Funding Percentages | | | |
|-------------------------------------|--|-----------|----------|
| 14 | Funding target attainment percentage | 14 | 154.52 % |
| 15 | Adjusted funding target attainment percentage | 15 | 154.52 % |
| 16 | Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement | 16 | 149.44 % |
| 17 | If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage | 17 | % |

| Part IV Contributions and Liquidity Shortfalls | | | | | | | |
|--|--------------------------------|------------------------------|-----------------------|--------------------------------|------------------------------|--------------|---|
| 18 Contributions made to the plan for the plan year by employer(s) and employees: | | | | | | | |
| (a) Date (MM-DD-YYYY) | (b) Amount paid by employer(s) | (c) Amount paid by employees | (a) Date (MM-DD-YYYY) | (b) Amount paid by employer(s) | (c) Amount paid by employees | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | Totals ▶ | 18(b) | 0 | 18(c) | 0 |

| | | |
|--|--|---|
| 19 | Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year: | |
| | a Contributions allocated toward unpaid minimum required contributions from prior years | 19a 0 |
| | b Contributions made to avoid restrictions adjusted to valuation date | 19b 0 |
| | c Contributions allocated toward minimum required contribution for current year adjusted to valuation date | 19c 0 |
| 20 | Quarterly contributions and liquidity shortfalls: | |
| | a Did the plan have a "funding shortfall" for the prior year? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| | b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | c If line 20a is "Yes," see instructions and complete the following table as applicable: | |
| Liquidity shortfall as of end of quarter of this plan year | | |
| (1) 1st | (2) 2nd | (3) 3rd |
| | | |
| (4) 4th | | |

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

| | | | | |
|---|--|---|-------------------------------------|---|
| 21 Discount rate: | | | | |
| a Segment rates: | 1st segment: 4.75 % | 2nd segment: 4.87 % | 3rd segment: 5.59 % | <input type="checkbox"/> N/A, full yield curve used |
| b Applicable month (enter code) | | | | 21b 4 |
| 22 Weighted average retirement age | | | | 22 64 |
| 23 Mortality table(s) (see instructions) | <input type="checkbox"/> Prescribed - combined | <input checked="" type="checkbox"/> Prescribed - separate | <input type="checkbox"/> Substitute | |

Part VI Miscellaneous Items

| | | |
|---|---|--|
| 24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment..... | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 26 Demographic and benefit information | | |
| a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment..... | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ... | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment..... | 27 | |

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

| | | |
|---|-----------|---|
| 28 Unpaid minimum required contributions for all prior years | 28 | 0 |
| 29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)..... | 29 | 0 |
| 30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)..... | 30 | 0 |

Part VIII Minimum Required Contribution For Current Year

| | | | |
|--|---------------------|--------------------|---------------|
| 31 Target normal cost and excess assets (see instructions): | | | |
| a Target normal cost (line 6c) | 31a | 490909 | |
| b Excess assets, if applicable, but not greater than line 31a | 31b | 490909 | |
| 32 Amortization installments: | Outstanding Balance | Installment | |
| a Net shortfall amortization installment | 0 | 0 | |
| b Waiver amortization installment..... | 0 | 0 | |
| 33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount | 33 | | |
| 34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)..... | 34 | 0 | |
| | Carryover balance | Prefunding balance | Total balance |
| 35 Balances elected for use to offset funding requirement | 0 | 0 | 0 |
| 36 Additional cash requirement (line 34 minus line 35) | 36 | 0 | |
| 37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) | 37 | 0 | |
| 38 Present value of excess contributions for current year (see instructions) | | | |
| a Total (excess, if any, of line 37 over line 36) | 38a | 0 | |
| b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances..... | 38b | 0 | |
| 39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) | 39 | 0 | |
| 40 Unpaid minimum required contributions for all years | 40 | 0 | |

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

| |
|--|
| 41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input checked="" type="checkbox"/> 2021 |
|--|

| | | |
|---|--|---|
| SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> | DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. | <small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection. |
|---|--|---|

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

| | | |
|--|--|------------|
| A Name of plan <u>RESEARCH CORPORATION TECHNOLOGIES, INC. EMPLOYEES' PENSION PLAN</u> | B Three-digit plan number (PN) | <u>001</u> |
| C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>RESEARCH CORPORATION TECHNOLOGIES, INC.</u> | D Employer Identification Number (EIN) <u>86-0572766</u> | |

| | |
|---------------|--|
| Part I | Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs) |
|---------------|--|

| | | | |
|---|--|---|-----------------|
| a Name of MTIA, CCT, PSA, or 103-12 IE: | <u>RCT TRUST AGREEMENT</u> | | |
| b Name of sponsor of entity listed in (a): | <u>RESEARCH CORPORATION TECHNOLOGIES</u> | | |
| c EIN-PN | d Entity code | e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) | |
| <u>86-0572766-003</u> | <u>M</u> | | <u>31389855</u> |
| a Name of MTIA, CCT, PSA, or 103-12 IE: | | | |
| b Name of sponsor of entity listed in (a): | | | |
| c EIN-PN | d Entity code | e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) | |
| | | | |
| a Name of MTIA, CCT, PSA, or 103-12 IE: | | | |
| b Name of sponsor of entity listed in (a): | | | |
| c EIN-PN | d Entity code | e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) | |
| | | | |
| a Name of MTIA, CCT, PSA, or 103-12 IE: | | | |
| b Name of sponsor of entity listed in (a): | | | |
| c EIN-PN | d Entity code | e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) | |
| | | | |
| a Name of MTIA, CCT, PSA, or 103-12 IE: | | | |
| b Name of sponsor of entity listed in (a): | | | |
| c EIN-PN | d Entity code | e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) | |
| | | | |
| a Name of MTIA, CCT, PSA, or 103-12 IE: | | | |
| b Name of sponsor of entity listed in (a): | | | |
| c EIN-PN | d Entity code | e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) | |
| | | | |

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

| | | |
|--|---|--|
| SCHEDULE I (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small> | Financial Information—Small Plan This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500. | <small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection |
|--|---|--|

For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

| | |
|---|--|
| A Name of plan RESEARCH CORPORATION TECHNOLOGIES, INC. EMPLOYEES' PENSION PLAN | B Three-digit plan number (PN) ▶ 001 |
| C Plan sponsor's name as shown on line 2a of Form 5500 RESEARCH CORPORATION TECHNOLOGIES, INC. | D Employer Identification Number (EIN) 86-0572766 |

Complete Schedule I if the plan covered fewer than 100 participants as of the beginning of the plan year. You may also complete Schedule I if you are filing as a small plan under the 80-120 participant rule (see instructions). Complete Schedule H if reporting as a large plan or DFE.

Part I Small Plan Financial Information

Report below the current value of assets and liabilities, income, expenses, transfers and changes in net assets during the plan year. Combine the value of plan assets held in more than one trust. Do not enter the value of the portion of an insurance contract that guarantees during this plan year to pay a specific dollar benefit at a future date. Include all income and expenses of the plan including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. **Round off amounts to the nearest dollar.**

| | | (a) Beginning of Year | (b) End of Year |
|---|--------------|-----------------------|-----------------|
| 1 Plan Assets and Liabilities: | | | |
| a Total plan assets | 1a | 28115943 | 31389855 |
| b Total plan liabilities | 1b | | |
| c Net plan assets (subtract line 1b from line 1a) | 1c | 28115943 | 31389855 |
| 2 Income, Expenses, and Transfers for this Plan Year: | | (a) Amount | (b) Total |
| a Contributions received or receivable: | | | |
| (1) Employers | 2a(1) | | |
| (2) Participants | 2a(2) | | |
| (3) Others (including rollovers) | 2a(3) | | |
| b Noncash contributions | 2b | | |
| c Other income | 2c | 4268225 | |
| d Total income (add lines 2a(1), 2a(2), 2a(3), 2b, and 2c) | 2d | | 4268225 |
| e Benefits paid (including direct rollovers) | 2e | 924881 | |
| f Corrective distributions (see instructions) | 2f | | |
| g Certain deemed distributions of participant loans (see instructions) | 2g | | |
| h Administrative service providers (salaries, fees, and commissions) | 2h | | |
| i Other expenses | 2i | 69432 | |
| j Total expenses (add lines 2e, 2f, 2g, 2h, and 2i) | 2j | | 994313 |
| k Net income (loss) (subtract line 2j from line 2d) | 2k | | 3273912 |
| l Transfers to (from) the plan (see instructions) | 2l | | |

3 Specific Assets: If the plan held assets at any time during the plan year in any of the following categories, check "Yes" and enter the current value of any assets remaining in the plan as of the end of the plan year. Allocate the value of the plan's interest in a commingled trust containing the assets of more than one plan on a line-by-line basis unless the trust meets one of the specific exceptions described in the instructions.

| | | Yes | No | Amount |
|--|-----------|-----|----|--------|
| a Partnership/joint venture interests | 3a | | X | |
| b Employer real property | 3b | | X | |
| c Real estate (other than employer real property) | 3c | | X | |
| d Employer securities | 3d | | X | |
| e Participant loans | 3e | | X | |
| f Loans (other than to participants) | 3f | | X | |
| g Tangible personal property | 3g | | X | |

| | |
|----------------|-----------------------------|
| Part II | Compliance Questions |
|----------------|-----------------------------|

| | | Yes | No | Amount |
|--|-----------|-----|----|---------|
| 4 During the plan year: | | | | |
| a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.) | 4a | | X | |
| b Were any loans by the plan or fixed income obligations due the plan in default as of the close of plan year or classified during the year as uncollectible? Disregard participant loans secured by the participant's account balance. | 4b | | X | |
| c Were any leases to which the plan was a party in default or classified during the year as uncollectible? | 4c | | X | |
| d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a.) | 4d | | X | |
| e Was the plan covered by a fidelity bond? | 4e | X | | 3000000 |
| f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? | 4f | | X | |
| g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser? | 4g | | X | |
| h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser? | 4h | | X | |
| i Did the plan at any time hold 20% or more of its assets in any single security, debt, mortgage, parcel of real estate, or partnership/joint venture interest? | 4i | | X | |
| j Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? | 4j | | X | |
| k Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? If "No," attach an IQPA's report or 2520.104-50 statement. (See instructions on waiver eligibility and conditions.) | 4k | X | | |
| l Has the plan failed to provide any benefit when due under the plan? | 4l | | X | |
| m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) | 4m | | | |
| n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3 | 4n | | | |

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?..... Yes No
 If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

| 5b(1) Name of plan(s) | 5b(2) EIN(s) | 5b(3) PN(s) |
|-----------------------|--------------|-------------|
| | | |
| | | |
| | | |

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) Yes No Not determined
 If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 545353.

| | | |
|--|---|---|
| SCHEDULE R (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small> | Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500. | <small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection. |
|--|---|---|

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

| | | |
|---|--|------------|
| A Name of plan <u>RESEARCH CORPORATION TECHNOLOGIES, INC. EMPLOYEES' PENSION PLAN</u> | B Three-digit plan number (PN) ▶ | <u>001</u> |
| C Plan sponsor's name as shown on line 2a of Form 5500 <u>RESEARCH CORPORATION TECHNOLOGIES, INC.</u> | D Employer Identification Number (EIN) <u>86-0572766</u> | |

| | |
|---------------|----------------------|
| Part I | Distributions |
|---------------|----------------------|

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....

| | | |
|---|--|---|
| 1 | | 0 |
|---|--|---|

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):
 EIN(s): 42-1466678

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....

| | | |
|---|--|---|
| 3 | | 2 |
|---|--|---|

| | |
|----------------|---|
| Part II | Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.) |
|----------------|---|

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? Yes No N/A
If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____
If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

| | | |
|---|-----------|--|
| 6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) | 6a | |
| b Enter the amount contributed by the employer to the plan for this plan year | 6b | |
| c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)..... | 6c | |

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline?..... Yes No N/A

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? Yes No N/A

| | |
|-----------------|-------------------|
| Part III | Amendments |
|-----------------|-------------------|

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... Increase Decrease Both No

| | |
|----------------|---|
| Part IV | ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part. |
|----------------|---|

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? Yes No

11 a Does the ESOP hold any preferred stock? Yes No

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) Yes No

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? Yes No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. Complete as many entries as needed to report all applicable employers.

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

| | | |
|---|------------|--|
| a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment)..... | 14a | |
| b The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)..... | 14b | |
| c The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)..... | 14c | |

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

| | | |
|---|------------|--|
| a The corresponding number for the plan year immediately preceding the current plan year | 15a | |
| b The corresponding number for the second preceding plan year | 15b | |

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

| | | |
|---|------------|--|
| a Enter the number of employers who withdrew during the preceding plan year | 16a | |
| b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers..... | 16b | |

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment

19 If the total number of participants is 1,000 or more, complete lines (a) and (b):

a Enter the percentage of plan assets held as:
 Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____%
 High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:
 0-5 years 5-10 years 10-15 years 15 years or more

20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? Yes No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

Yes.

No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

No. Other. Provide explanation.....

Part VII IRS Compliance Questions

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? Yes No

21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).

Design-based safe harbor method

"Prior year" ADP test

"Current year" ADP test

N/A

22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter ___/___/____ (MM/DD/YYYY) and the Opinion Letter serial number _____.

Schedule SB, Part V – Summary of Actuarial Assumptions/Methods

Statement of Actuarial Assumptions and Methods

| | |
|---|--|
| Minimum Funding Annual Interest Rates | 24-month segment rates averaged through the end of August 2023 and published in September 2023 (as prescribed by IRC 430) and adjusted to reflect ARPA: <ul style="list-style-type: none"> • Segment 1 (0 – 5 years) 4.75% • Segment 2 (5 to 20 years) 4.87% • Segment 3 (more than 20 years) 5.59% • Effective Interest Rate 5.10% |
| Maximum Deductible Annual Interest Rates | 24-month segment rates averaged through the end of August 2023 and published in September 2023 (as prescribed by IRC 430) as follows: <ul style="list-style-type: none"> • Segment 1 (0 – 5 years) 3.62% • Segment 2 (5 to 20 years) 4.46% • Segment 3 (more than 20 years) 4.52% • Effective Interest Rate 4.43% |
| Annual Expected Return on Assets | Interest Rate for developing Actuarial Value of Assets; limited to third segment rate 5.74% <p style="margin-top: 10px;">Rationale: The third segment rate is lower than the plan's expected long-term rate of return of 7.50%</p> |
| PBGC and LDROM Annual Interest Rates | 24-month segment rates averaged through the end of August 2023 and published in September 2023 using the Alternative Method (as prescribed by IRC 430) as follows: <ul style="list-style-type: none"> • Segment 1 (0 – 5 years) 3.62% • Segment 2 (5 to 20 years) 4.46% • Segment 3 (more than 20 years) 4.52% • Effective Interest Rate 4.42% |
| PBGC Lump Sum Interest Rates | 2.25% all years |
| ASC 960 Discount Rate | Discount Rate 7.50% <p style="margin-top: 10px;">Rationale: as selected by the Plan Sponsor</p> |
| Salary Scale | 3.00% per year <p style="margin-top: 10px;">Rationale: as selected by the Plan Sponsor based on expectations of salary increases.</p> |

Research Corporation Technologies, Inc. Employees' Pension Plan

EIN: 86-0572766 PN: 001 Plan Year End: 12-31-2024

Schedule SB, Part V – Summary of Actuarial Assumptions/Methods

Mortality Funding: 2024 IRS Generational with Adjusted Scale MP-2021 Rates (as prescribed by IRC 430).

ASC 960-20: PRI-2012 Mortality Table, with improvements projected generationally using Projection Scale MP-2021 for healthy lives and disability mortality table stated in Rev. Rul. 96-7 for disabled lives.

Rates of Retirement Actives are assumed to retire based on age as follows:

| <u>Age</u> | <u>Rate</u> |
|------------|-------------|
| 55-59 | 1% |
| 60-61 | 5 |
| 62 | 30 |
| 63-64 | 10 |
| 65 | 60 |
| 66-69 | 25 |
| 70+ | 100 |

Terminated Vested participants and Deferred Beneficiaries are assumed to commence at Normal Retirement Date.

Rationale: as selected by the Plan Sponsor to meet historical experience

Weighted Average Retirement Age is 64. This is the average retirement age for someone eligible to retire at all ages using the assumed retirement rates and no other decrements.

Rates of Turnover SOA 2003 Small Plan Service Table

Rationale: as selected by Plan Sponsor to meet historical experience.

Rates of Disability

| <u>Age</u> | <u>Rate</u> |
|------------|-------------|
| 20 | 0.030% |
| 25 | 0.043% |
| 30 | 0.064% |
| 35 | 0.098% |
| 40 | 0.158% |
| 45 | 0.259% |
| 50 | 0.448% |
| 55 | 0.845% |
| 60 | 1.204% |

Rationale: As selected by Plan Sponsor to meet historical experience.

Cost of Living Increases 2.25% per year starting at the later of age 62 or the commencement of benefits; for purposes of lump sum calculations the COLA is assumed to be the lesser of 2.25% or the PBGC immediate rate minus 200 basis points.

Research Corporation Technologies, Inc. Employees' Pension Plan

EIN: 86-0572766

PN: 001

Plan Year End: 12-31-2024

Schedule SB, Part V – Summary of Actuarial Assumptions/Methods

| | |
|---|--|
| Assumptions Made In Valuing Spouse's Benefit | 80% of male participants and 60% of female participants are assumed to be married to a spouse of the same age. |
| Optional Form Selection | <p>50% of retiring participants are assumed to elect a cash lump sum, and 50% of retiring participants are assumed to elect a straight life annuity.</p> <p>100% of participants terminating employment or becoming disabled are assumed to elect a cash lump sum payable at age 60.</p> <p>100% of spouses of future married deceased participants are assumed to elect a cash lump sum payable at age 60, and 100% of beneficiaries of future single deceased participants are assumed to elect an immediate cash lump sum payment.</p> <p>50% of inactive participants who are entitled to future benefits are assumed to elect a cash lump sum, and the remaining 50% of inactive participants are assumed to elect a straight life annuity. Those currently under age 60 are assumed to receive their annuity or lump sum at age 60, and those 60 or older are assumed to defer payment of the annuity or lump sum until age 65.</p> |
| Provision for Expenses | None assumed |
| Standing Elections | The client has not signed an election that provides for the automatic use of the Carryover Balance and/or Prefunding Balance if necessary to meet the minimum funding requirement. |
| Asset Method | <p>Funding: Market Value of Assets plus interest adjusted accrued but unpaid contributions as of the valuation date plus an adjustment to defer full recognition of investment losses and gains over a two-year period. The investment (gain)/loss for every year equals the market value at the beginning of the year projected to the end of the year using the interest rate above, but no greater than the third segment rate for the plan year, minus the end of the year actual market value. The actuarial value of assets will be no less than 90% and no more than 110% of the market value (including interest-adjusted accrued but unpaid contributions). Note that due to the regulatory constraint on the interest rate, a characteristic of this asset valuation method is that, over time, it may be more likely to produce an actuarial value of assets that is less than the market value of assets.</p> <p>ASC 960-20: Market Value of Assets plus, any contributions for prior plan years that will be made in this plan year</p> |

Schedule SB, Part V – Summary of Actuarial Assumptions/Methods

Funding Method

Pure Unit Credit

The actuarial liabilities shown in this report are determined using software purchased from an outside vendor which was developed for this purpose. Certain information is entered into this model in order to generate the liabilities. These inputs include economic and non-economic assumptions, plan provisions, and census information. We rely on the coding within the software to value the liabilities using the actuarial methods and assumptions selected. Both the input to and the output from the model is checked for accuracy and reviewed for reasonableness.

Employees Valued

Only participants as of the valuation date were valued.

Changes in Assumptions and Methods since the Last Actuarial Valuation

The interest rates used for determining the funding target were 4.75%, 5.00% and 5.74%. These rates were updated to the rates required for the current plan year.

The mortality table for the funding target was changed as required under PPA '06.

Justification for Changes in Actuarial Assumptions

The only assumption changes were to prescribed actuarial assumptions or as a result of At-Risk status. Therefore, the plan did not need IRS approval to change assumptions and there is no need to disclose any "Change in Actuarial Assumptions."

| | | |
|---|--|--|
| SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small> | Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF. | <small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection |
|---|--|--|

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

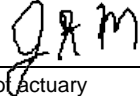
▶ **Round off amounts to nearest dollar.**
 ▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

| | | |
|---|---|-----|
| A Name of plan RESEARCH CORPORATION TECHNOLOGIES, INC. EMPLOYEES' PENSION PLAN | B Three-digit plan number (PN) ▶ | 001 |
| C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF RESEARCH CORPORATION TECHNOLOGIES, INC. | D Employer Identification Number (EIN) 86-0572766 | |
| E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B | F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500 | |

Part I Basic Information

| | | | |
|----------|---|----------------------------|---------------------------|
| 1 | Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2024</u> | | |
| 2 | Assets: | | |
| | a Market value | 2a | 28,115,943 |
| | b Actuarial value | 2b | 28,520,119 |
| 3 | Funding target/participant count breakdown | (1) Number of participants | (2) Vested Funding Target |
| | a For retired participants and beneficiaries receiving payment | 17 | 8,885,984 |
| | b For terminated vested participants | 14 | 2,552,993 |
| | c For active participants | 11 | 6,732,620 |
| | d Total | 42 | 18,171,597 |
| 4 | If the plan is in at-risk status, check the box and complete lines (a) and (b) | | |
| | a Funding target disregarding prescribed at-risk assumptions | 4a | |
| | b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor | 4b | |
| 5 | Effective interest rate | 5 | 5.10% |
| 6 | Target normal cost | | |
| | a Present value of current plan year accruals | 6a | 490,909 |
| | b Expected plan-related expenses | 6b | 0 |
| | c Target normal cost | 6c | 490,909 |

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

| | | |
|------------------|---|--|
| SIGN HERE | Joseph Meyers  Signature of actuary | 08/19/2025 Date |
| | JOSEPH MEYERS Type or print name of actuary | 2305500 Most recent enrollment number |
| | USI Consulting Group Firm name | 629-895-7833 Telephone number (including area code) |
| | 5301 VIRGINA WAY SUITE 400 BRENTWOOD TN 37027 Address of the firm | |

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

| Part II | Beginning of Year Carryover and Prefunding Balances | |
|---|--|------------------------|
| | (a) Carryover balance | (b) Prefunding balance |
| 7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year) | 0 | 0 |
| 8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year) | 0 | 0 |
| 9 Amount remaining (line 7 minus line 8) | 0 | 0 |
| 10 Interest on line 9 using prior year's actual return of <u>20.36%</u> | 0 | 0 |
| 11 Prior year's excess contributions to be added to prefunding balance: | | |
| a Present value of excess contributions (line 38a from prior year) | | 0 |
| b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.23%</u> | | 0 |
| b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return | | 0 |
| c Total available at beginning of current plan year to add to prefunding balance | | 0 |
| d Portion of (c) to be added to prefunding balance | | 0 |
| 12 Other reductions in balances due to elections or deemed elections | 0 | 0 |
| 13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12) | 0 | 0 |

| Part III | Funding Percentages | |
|--|----------------------------|---------|
| 14 Funding target attainment percentage | 14 | 154.52% |
| 15 Adjusted funding target attainment percentage | 15 | 154.52% |
| 16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement | 16 | 149.44% |
| 17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage | 17 | % |

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

| (a) Date (MM-DD-YYYY) | (b) Amount paid by employer(s) | (c) Amount paid by employees | (a) Date (MM-DD-YYYY) | (b) Amount paid by employer(s) | (c) Amount paid by employees | |
|--------------------------|-----------------------------------|---------------------------------|--------------------------|-----------------------------------|---------------------------------|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Totals ▶ | | | 18(b) | 0 | 18(c) | 0 |

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

| | | |
|---|------------|---|
| a Contributions allocated toward unpaid minimum required contributions from prior years. | 19a | 0 |
| b Contributions made to avoid restrictions adjusted to valuation date | 19b | 0 |
| c Contributions allocated toward minimum required contribution for current year adjusted to valuation date | 19c | 0 |

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? Yes No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? Yes No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

| Liquidity shortfall as of end of quarter of this plan year | | | |
|--|---------|---------|---------|
| (1) 1st | (2) 2nd | (3) 3rd | (4) 4th |
| | | | |

| | | | | |
|---|--|-----------------------|-----------------------|---|
| Part V Assumptions Used to Determine Funding Target and Target Normal Cost | | | | |
| 21 Discount rate: | | | | |
| a Segment rates: | 1st segment: 4.75% | 2nd segment: 4.87% | 3rd segment: 5.59% | <input type="checkbox"/> N/A, full yield curve used |
| b Applicable month (enter code)..... | | | | 21b 4 |
| 22 Weighted average retirement age | | | | 22 64 |
| 23 Mortality table(s) (see instructions) | <input type="checkbox"/> Prescribed - combined <input checked="" type="checkbox"/> Prescribed - separate <input type="checkbox"/> Substitute | | | |

| | | | | |
|---|--|--|--|-----------|
| Part VI Miscellaneous Items | | | | |
| 24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | |
| 25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | |
| 26 Demographic and benefit information | | | | |
| a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | |
| b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ... <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | |
| 27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment..... | | | | 27 |

| | | | | |
|---|--|--|--|-------------|
| Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years | | | | |
| 28 Unpaid minimum required contributions for all prior years | | | | 28 0 |
| 29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)..... | | | | 29 0 |
| 30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29) | | | | 30 0 |

| | | | | |
|--|---------------------|--------------------|---------------|--------------------|
| Part VIII Minimum Required Contribution For Current Year | | | | |
| 31 Target normal cost and excess assets (see instructions): | | | | |
| a Target normal cost (line 6c)..... | | | | 31a 490,909 |
| b Excess assets, if applicable, but not greater than line 31a | | | | 31b 490,909 |
| 32 Amortization installments: | Outstanding Balance | | Installment | |
| a Net shortfall amortization installment | 0 | | 0 | |
| b Waiver amortization installment | 0 | | 0 | |
| 33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount | | | | 33 |
| 34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)..... | | | | 34 0 |
| | Carryover balance | Prefunding balance | Total balance | |
| 35 Balances elected for use to offset funding requirement | 0 | 0 | 0 | |
| 36 Additional cash requirement (line 34 minus line 35)..... | | | | 36 0 |
| 37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)..... | | | | 37 0 |
| 38 Present value of excess contributions for current year (see instructions) | | | | |
| a Total (excess, if any, of line 37 over line 36) | | | | 38a 0 |
| b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances | | | | 38b 0 |
| 39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) | | | | 39 0 |
| 40 Unpaid minimum required contributions for all years | | | | 40 0 |

| | | | | |
|--|--|--|--|--|
| Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions) | | | | |
| 41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input checked="" type="checkbox"/> 2021 | | | | |

Research Corporation Technologies, Inc. Employees' Pension Plan
 EIN: 86-0572766 PN: 001 Plan Year End: 12-31-2024
 Schedule SB, Line 22 - Description of Weighted Average Retirement Age

The weighted average retirement age is determined as follows:

| Age | Rate of Retirement | Population Remaining | Lives Retiring | Age x Lives |
|-------|--------------------|----------------------|----------------|-------------|
| 55 | 1.00% | 100,000 | 1,000 | 55,000 |
| 56 | 1.00% | 99,000 | 990 | 55,440 |
| 57 | 1.00% | 98,010 | 980 | 55,866 |
| 58 | 1.00% | 97,030 | 970 | 56,277 |
| 59 | 1.00% | 96,060 | 961 | 56,675 |
| 60 | 5.00% | 95,099 | 4,755 | 285,297 |
| 61 | 1.00% | 90,344 | 903 | 55,110 |
| 62 | 10.00% | 89,441 | 8,944 | 554,532 |
| 63 | 5.00% | 80,497 | 4,025 | 253,564 |
| 64 | 5.00% | 76,472 | 3,824 | 244,710 |
| 65 | 100.00% | 72,648 | 72,648 | 4,722,128 |
| Total | 100.00% | n/a | 100,000 | 6,394,600 |

Weighted average retirement age = $6,394,600 / 100,000 = 63.946$

Schedule SB, Part V – Summary of Plan Provisions

Summary of Principal Plan Provisions

| | |
|----------------------------|---|
| Plan Sponsor | Research Corporation Technologies, Inc. |
| EIN/PN | 86-0572766/001 |
| Effective Date | March 1, 1987 |
| Plan Year | The 12-month period beginning each January 1. |
| Participation | <p>An eligible employee shall become a participant on the January 1st in the later of the year in which they attain age 21 and complete one Year of Service.</p> <p>Employees hired on January 1, 2022 or later are not eligible to participate in the plan.</p> |
| Compensation | Annual rate of pay as of the beginning of the plan year. |
| Final Average Compensation | The monthly average of the three consecutive years of compensation out of the last ten years that produces the highest average. |
| Years of Service | For any period of employment, one Year of Service is earned for each plan year in which 1,000 hours are worked. |
| Accrued Benefit | <p>The product of A and B is payable monthly on the Normal Retirement Date in the form of a straight life annuity:</p> <p>A: 42.5% of the first \$833.33 of Final Average Compensation plus 50% of Final Average Compensation in excess of \$833.33</p> <p>B: A fraction, not greater than one, the numerator of which is Years of Service to date, and the denominator of which is 15.</p> |
| Normal Retirement Benefit | <p><u>Eligibility:</u></p> <p>Age 65, or fifth anniversary if later</p> <p><u>Monthly Benefit:</u></p> <p>The Accrued Benefit</p> |

Schedule SB, Part V – Summary of Plan Provisions

Early Retirement Benefit Eligibility:

Age 55 and 10 Years of Service or Age 60 and 5 Years of Service.

Monthly Benefit:

The actuarial equivalent of the Accrued Benefit payable immediately.

Termination Benefit Eligibility:

Upon termination of employment prior to retirement after completion of at least five Years of Service.

Monthly Benefit:

The vested benefit commences in full at age 65, or in a reduced amount under the early retirement provisions.

Disability Benefit Eligibility:

Six months of service and eligible for disability benefits from Social Security

Monthly Benefit:

Benefit payable at Normal Retirement Date assuming service and the monthly rate of basic compensation at date of disability continues without change to the Normal Retirement Date.

Death Benefit Eligibility:

100% vested and dies while employed or
100% vested and married for at least one year.

Monthly Benefit:

If a participant has 5 Years of Service and dies while employed, his designated beneficiary will be entitled to receive the actuarial equivalent of the participant's Termination Benefit. If a terminated vested participant dies, his surviving spouse will be entitled to a qualified pre-retirement survivor annuity as described in Internal Revenue Code Section 401(a)(11).

Cost of Living Adjustment

Annual increases, effective January 1 of each year, equal to the lesser of 3% or the annual cost of living adjustment provided under the Social Security Act. The increases begin on the later of age 62 or the commencement of the benefit.

Schedule SB, Part V – Summary of Plan Provisions

| | |
|----------------------------|--|
| Optional Forms of Payments | Life Annuity 10 or 20 Year Certain and Life Annuity; Joint and 50% or 75% Survivor Annuity; Joint and 50% or 100% Survivor Annuity with pop-up; and Lump Sum |
| Maximum Benefit Limit | The Internal Revenue Code Section 415 Maximum Benefit payable as a life annuity at Social Security Normal Retirement Age. |
| Plan Compensation Limit | The Section 401(a)(17) Maximum Compensation that can be recognized for benefit calculation purposes. |
| Changes in Plan Provisions | The automatic changes, if any, in the plan compensation limit and maximum benefit limit were recognized as amendments for funding purposes. |