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| <b>Form 5500</b><br><br>Department of the Treasury<br>Internal Revenue Service<br><br>Department of Labor<br>Employee Benefits Security<br>Administration<br><br>Pension Benefit Guaranty Corporation | <b>Annual Return/Report of Employee Benefit Plan</b><br>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).<br><br><p style="text-align: center;">▶ <b>Complete all entries in accordance with the instructions to the Form 5500.</b></p> | OMB Nos. 1210-0110<br>1210-0089<br><br><div style="text-align: center; font-size: 1.5em; font-weight: bold;">2017</div><br><br><b>This Form is Open to Public Inspection</b> |
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| <b>Part I</b>                                                                                            | <b>Annual Report Identification Information</b>                                                                                                                                                                                                                                                                                            |
| For calendar plan year 2017 or fiscal plan year beginning <u>05/01/2017</u> and ending <u>12/31/2017</u> |                                                                                                                                                                                                                                                                                                                                            |
| <b>A</b> This return/report is for:                                                                      | <input type="checkbox"/> a multiemployer plan <input type="checkbox"/> a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)<br><input checked="" type="checkbox"/> a single-employer plan <input type="checkbox"/> a DFE (specify) _____ |
| <b>B</b> This return/report is:                                                                          | <input checked="" type="checkbox"/> the first return/report <input type="checkbox"/> the final return/report<br><input type="checkbox"/> an amended return/report <input checked="" type="checkbox"/> a short plan year return/report (less than 12 months)                                                                                |
| <b>C</b> If the plan is a collectively-bargained plan, check here. . . . .                               | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                   |
| <b>D</b> Check box if filing under:                                                                      | <input checked="" type="checkbox"/> Form 5558 <input type="checkbox"/> automatic extension <input type="checkbox"/> the DFVC program<br><input type="checkbox"/> special extension (enter description)                                                                                                                                     |

|                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |            |                                                       |  |                                                                     |  |                                                                  |  |                                                             |  |
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| <b>Part II</b>                                                                                                                                                                                                                                                                                                                                                               | <b>Basic Plan Information—enter all requested information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |            |                                                       |  |                                                                     |  |                                                                  |  |                                                             |  |
| <b>1a</b> Name of plan<br><u>QUOTIENT SCIENCES - PHILADELPHIA, LLC 401(K) PLAN</u>                                                                                                                                                                                                                                                                                           | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"><b>1b</b> Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>001</u></td> </tr> <tr> <td colspan="2"><b>1c</b> Effective date of plan<br/><u>05/01/2017</u></td> </tr> <tr> <td colspan="2"><b>2b</b> Employer Identification Number (EIN)<br/><u>04-3599000</u></td> </tr> <tr> <td colspan="2"><b>2c</b> Plan Sponsor's telephone number<br/><u>610-485-4270</u></td> </tr> <tr> <td colspan="2"><b>2d</b> Business code (see instructions)<br/><u>541700</u></td> </tr> </table> | <b>1b</b> Three-digit plan number (PN) ▶ | <u>001</u> | <b>1c</b> Effective date of plan<br><u>05/01/2017</u> |  | <b>2b</b> Employer Identification Number (EIN)<br><u>04-3599000</u> |  | <b>2c</b> Plan Sponsor's telephone number<br><u>610-485-4270</u> |  | <b>2d</b> Business code (see instructions)<br><u>541700</u> |  |
| <b>1b</b> Three-digit plan number (PN) ▶                                                                                                                                                                                                                                                                                                                                     | <u>001</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                          |            |                                                       |  |                                                                     |  |                                                                  |  |                                                             |  |
| <b>1c</b> Effective date of plan<br><u>05/01/2017</u>                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |            |                                                       |  |                                                                     |  |                                                                  |  |                                                             |  |
| <b>2b</b> Employer Identification Number (EIN)<br><u>04-3599000</u>                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |            |                                                       |  |                                                                     |  |                                                                  |  |                                                             |  |
| <b>2c</b> Plan Sponsor's telephone number<br><u>610-485-4270</u>                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |            |                                                       |  |                                                                     |  |                                                                  |  |                                                             |  |
| <b>2d</b> Business code (see instructions)<br><u>541700</u>                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |            |                                                       |  |                                                                     |  |                                                                  |  |                                                             |  |
| <b>2a</b> Plan sponsor's name (employer, if for a single-employer plan)<br>Mailing address (include room, apt., suite no. and street, or P.O. Box)<br>City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)<br><u>QUOTIENT SCIENCES - PHILADELPHIA, LLC</u><br><br><u>3 CHELSEA PKWY #305</u><br><u>BOOTHWYN, PA 19061</u> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |            |                                                       |  |                                                                     |  |                                                                  |  |                                                             |  |

**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.

|                  |                                                   |            |                                                              |
|------------------|---------------------------------------------------|------------|--------------------------------------------------------------|
| <b>SIGN HERE</b> | Filed with authorized/valid electronic signature. | 10/05/2018 | REBECCA HYNEK                                                |
|                  | Signature of plan administrator                   | Date       | Enter name of individual signing as plan administrator       |
| <b>SIGN HERE</b> |                                                   |            |                                                              |
|                  | Signature of employer/plan sponsor                | Date       | Enter name of individual signing as employer or plan sponsor |
| <b>SIGN HERE</b> |                                                   |            |                                                              |
|                  | Signature of DFE                                  | Date       | Enter name of individual signing as DFE                      |

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

Form 5500 (2017)  
v. 170203

|                                                                                                                                                                                                                                                                                        |                                                                                                                                                                  |
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| <b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor                                                                                                                                                                               | <b>3b</b> Administrator's EIN<br><br><b>3c</b> Administrator's telephone number<br><br><div style="background-color: #cccccc; height: 40px; width: 100%;"></div> |
| <b>4</b> 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:<br><b>a</b> Sponsor's name<br><b>c</b> Plan Name | <b>4b</b> EIN<br><br><b>4d</b> PN                                                                                                                                |
| <b>5</b> Total number of participants at the beginning of the plan year                                                                                                                                                                                                                | <b>5</b> 99                                                                                                                                                      |
| <b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ).                                                                                       |                                                                                                                                                                  |
| <b>a(1)</b> Total number of active participants at the beginning of the plan year .....                                                                                                                                                                                                | <b>6a(1)</b> 71                                                                                                                                                  |
| <b>a(2)</b> Total number of active participants at the end of the plan year .....                                                                                                                                                                                                      | <b>6a(2)</b> 119                                                                                                                                                 |
| <b>b</b> Retired or separated participants receiving benefits .....                                                                                                                                                                                                                    | <b>6b</b> 0                                                                                                                                                      |
| <b>c</b> Other retired or separated participants entitled to future benefits .....                                                                                                                                                                                                     | <b>6c</b> 19                                                                                                                                                     |
| <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> .....                                                                                                                                                                                                            | <b>6d</b> 138                                                                                                                                                    |
| <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. ....                                                                                                                                                                             | <b>6e</b> 0                                                                                                                                                      |
| <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> . ....                                                                                                                                                                                                                               | <b>6f</b> 138                                                                                                                                                    |
| <b>g</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) .....                                                                                                                                        | <b>6g</b> 123                                                                                                                                                    |
| <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested .....                                                                                                                                             | <b>6h</b>                                                                                                                                                        |
| <b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....                                                                                                                                                    | <b>7</b>                                                                                                                                                         |
| <b>8a</b> If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:<br>2E 2F 2G 2J 2K 2S 2T 3B 3D                                                                                             |                                                                                                                                                                  |
| <b>b</b> If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:                                                                                                                            |                                                                                                                                                                  |

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

- (1)** ☒ **R** (Retirement Plan Information)
- (2)** ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3)** ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

**b General Schedules**

- (1)** ☐ **H** (Financial Information)
- (2)** ☒ **I** (Financial Information – Small Plan)
- (3)** ☐ 0 **A** (Insurance Information)
- (4)** ☐ **C** (Service Provider Information)
- (5)** ☒ **D** (DFE/Participating Plan Information)
- (6)** ☐ **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 2017 Form M-1 annual report. If the plan was not required to file the 2017 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 \_\_\_\_\_

|                                                                                                                                                                                              |  |                                                                                                                                                                                                                                   |  |                                                                                                   |  |
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| <div>SCHEDULE D</div> <div>(Form 5500)</div> <div>Department of the Treasury<br/>Internal Revenue Service</div> <div>Department of Labor<br/>Employee Benefits Security Administration</div> |  | <div>DFE/Participating Plan Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div> |  | <div>OMB No. 1210-0110</div> <div>2017</div> <div>This Form is Open to Public Inspection.</div>   |  |
| For calendar plan year 2017 or fiscal plan year beginning 05/01/2017 and ending 12/31/2017                                                                                                   |  |                                                                                                                                                                                                                                   |  |                                                                                                   |  |
| A Name of plan<br>QUOTIENT SCIENCES - PHILADELPHIA, LLC 401(K) PLAN                                                                                                                          |  |                                                                                                                                                                                                                                   |  | B Three-digit plan number (PN) ▶ 001                                                              |  |
| C Plan or DFE sponsor's name as shown on line 2a of Form 5500<br>QUOTIENT SCIENCES - PHILADELPHIA, LLC                                                                                       |  |                                                                                                                                                                                                                                   |  | D Employer Identification Number (EIN)<br>04-3599000                                              |  |
| Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)<br>(Complete as many entries as needed to report all interests in DFEs)             |  |                                                                                                                                                                                                                                   |  |                                                                                                   |  |
| a Name of MTIA, CCT, PSA, or 103-12 IE: FA STABLE VALUE II                                                                                                                                   |  |                                                                                                                                                                                                                                   |  |                                                                                                   |  |
| b Name of sponsor of entity listed in (a): FIDELITY MANAGEMENT TRUST COMPANY                                                                                                                 |  |                                                                                                                                                                                                                                   |  |                                                                                                   |  |
| c EIN-PN 04-3022712-026                                                                                                                                                                      |  | d Entity code C                                                                                                                                                                                                                   |  | e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 9298 |  |
| 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):                                                                                                                                                   |  |                                                                                                                                                                                                                                   |  |                                                                                                   |  |
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| 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):                                                                                                                                                   |  |                                                                                                                                                                                                                                   |  |                                                                                                   |  |
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| b Name of sponsor of entity listed in (a):                                                                                                                                                   |  |                                                                                                                                                                                                                                   |  |                                                                                                   |  |
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| 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                                                                |  |

**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  
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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  
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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  
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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  
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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)

**Part II Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SCHEDULE I</b><br><b>(Form 5500)</b><br><br><small>Department of the Treasury<br/>Internal Revenue Service</small><br><br><small>Department of Labor<br/>Employee Benefits Security Administration</small><br><br><small>Pension Benefit Guaranty Corporation</small> | <b>Financial Information—Small Plan</b><br><br>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).<br><br><b>► File as an attachment to Form 5500.</b> | OMB No. 1210-0110<br><br><div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>2017</b> </div><br><br><b>This Form is Open to Public Inspection</b> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                |                                                                                                                                                                                                                                                                                      |                                         |     |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----|--|--|
| For calendar plan year 2017 or fiscal plan year beginning <span style="color: blue;">05/01/2017</span> and ending <span style="color: blue;">12/31/2017</span> |                                                                                                                                                                                                                                                                                      |                                         |     |  |  |
| <b>A</b> Name of plan<br><span style="color: blue;">QUOTIENT SCIENCES - PHILADELPHIA, LLC 401(K) PLAN</span>                                                   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"><b>B</b> Three-digit plan number (PN) ►</td> <td style="width: 30%; text-align: center; color: blue;">001</td> </tr> <tr> <td colspan="2" style="height: 20px;"></td> </tr> </table> | <b>B</b> Three-digit plan number (PN) ► | 001 |  |  |
| <b>B</b> Three-digit plan number (PN) ►                                                                                                                        | 001                                                                                                                                                                                                                                                                                  |                                         |     |  |  |
|                                                                                                                                                                |                                                                                                                                                                                                                                                                                      |                                         |     |  |  |
| <b>C</b> Plan sponsor's name as shown on line 2a of Form 5500<br><span style="color: blue;">QUOTIENT SCIENCES - PHILADELPHIA, LLC</span>                       | <b>D</b> Employer Identification Number (EIN)<br><span style="color: blue;">04-3599000</span>                                                                                                                                                                                        |                                         |     |  |  |

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.

|               |                                         |
|---------------|-----------------------------------------|
| <b>Part I</b> | <b>Small Plan Financial Information</b> |
|---------------|-----------------------------------------|

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.**

| 1 Plan Assets and Liabilities:                                                      |              | (a) Beginning of Year | (b) End of Year |
|-------------------------------------------------------------------------------------|--------------|-----------------------|-----------------|
| <b>a</b> Total plan assets .....                                                    | <b>1a</b>    | 0                     | 5018453         |
| <b>b</b> Total plan liabilities .....                                               | <b>1b</b>    | 0                     | 0               |
| <b>c</b> Net plan assets (subtract line 1b from line 1a) .....                      | <b>1c</b>    | 0                     | 5018453         |
| 2 Income, Expenses, and Transfers for this Plan Year:                               |              | (a) Amount            | (b) Total       |
| <b>a</b> Contributions received or receivable:                                      |              |                       |                 |
| <b>(1)</b> Employers .....                                                          | <b>2a(1)</b> | 213759                |                 |
| <b>(2)</b> Participants .....                                                       | <b>2a(2)</b> | 426447                |                 |
| <b>(3)</b> Others (including rollovers) .....                                       | <b>2a(3)</b> | 16259                 |                 |
| <b>b</b> Noncash contributions .....                                                | <b>2b</b>    | 0                     | 1122467         |
| <b>c</b> Other income .....                                                         | <b>2c</b>    | 466002                |                 |
| <b>d</b> Total income (add lines 2a(1), 2a(2), 2a(3), 2b, and 2c) .....             | <b>2d</b>    |                       |                 |
| <b>e</b> Benefits paid (including direct rollovers) .....                           | <b>2e</b>    | 303537                |                 |
| <b>f</b> Corrective distributions (see instructions) .....                          | <b>2f</b>    | 0                     |                 |
| <b>g</b> Certain deemed distributions of participant loans (see instructions) ..... | <b>2g</b>    | 4016                  |                 |
| <b>h</b> Administrative service providers (salaries, fees, and commissions) .....   | <b>2h</b>    | 694                   |                 |
| <b>i</b> Other expenses .....                                                       | <b>2i</b>    | 0                     |                 |
| <b>j</b> Total expenses (add lines 2e, 2f, 2g, 2h, and 2i) .....                    | <b>2j</b>    |                       | 308247          |
| <b>k</b> Net income (loss) (subtract line 2j from line 2d) .....                    | <b>2k</b>    |                       | 814220          |
| <b>l</b> Transfers to (from) the plan (see instructions) .....                      | <b>2l</b>    |                       | 4204233         |

| 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 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|----|--------|
| <b>a</b> Partnership/joint venture interests .....                                                                                                                                                                                                                                                                                                                                                                                                   | <b>3a</b> |     | X  |        |
| <b>b</b> Employer real property .....                                                                                                                                                                                                                                                                                                                                                                                                                | <b>3b</b> |     | X  |        |
| <b>c</b> Real estate (other than employer real property) .....                                                                                                                                                                                                                                                                                                                                                                                       | <b>3c</b> |     | X  |        |
| <b>d</b> Employer securities .....                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>3d</b> |     | X  |        |
| <b>e</b> Participant loans .....                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>3e</b> | X   |    | 116432 |
| <b>f</b> Loans (other than to participants) .....                                                                                                                                                                                                                                                                                                                                                                                                    | <b>3f</b> |     | X  |        |
| <b>g</b> Tangible personal property .....                                                                                                                                                                                                                                                                                                                                                                                                            | <b>3g</b> |     | X  |        |

**Part II Compliance Questions**

| 4 During the plan year:                                                                                                                                                                                                                                                                          | Yes | No | Amount |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--------|
| <b>a</b> 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.) ..... |     | X  |        |
| <b>b</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. ....                                              |     | X  |        |
| <b>c</b> Were any leases to which the plan was a party in default or classified during the year as uncollectible? .....                                                                                                                                                                          |     | X  |        |
| <b>d</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a.) .....                                                                                                                                                              |     | X  |        |
| <b>e</b> Was the plan covered by a fidelity bond? .....                                                                                                                                                                                                                                          |     | X  |        |
| <b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? .....                                                                                                                                                          |     | X  |        |
| <b>g</b> 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? .....                                                                                                                       |     | X  |        |
| <b>h</b> 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? .....                                                                                                             |     | X  |        |
| <b>i</b> 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? .....                                                                                                                     |     | X  |        |
| <b>j</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? .....                                                                                                                              |     | X  |        |
| <b>k</b> 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.) .....                 | X   |    |        |
| <b>l</b> Has the plan failed to provide any benefit when due under the plan? .....                                                                                                                                                                                                               |     | X  |        |
| <b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) .....                                                                                                                                                                     | X   |    |        |
| <b>n</b> 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 .....                                                                                                         | X   |    |        |

**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** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ..... ☐ Yes ☐ No ☐ Not determined.  
 If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year \_\_\_\_\_. (See instructions.)

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <div>SCHEDULE R<br/>(Form 5500)<br/><br/>Department of the Treasury<br/>Internal Revenue Service<br/><br/>Department of Labor<br/>Employee Benefits Security Administration<br/><br/>Pension Benefit Guaranty Corporation</div>                                           | <div>Retirement Plan Information</div> <div>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).</div> <div>▶ File as an attachment to Form 5500.</div> | <div>OMB No. 1210-0110</div> <div>2017</div> <div>This Form is Open to Public Inspection.</div> |
| For calendar plan year 2017 or fiscal plan year beginning 05/01/2017 and ending 12/31/2017                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| A Name of plan<br>QUOTIENT SCIENCES - PHILADELPHIA, LLC 401(K) PLAN                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                  | B Three-digit plan number (PN) ▶ 001                                                            |
| C Plan sponsor's name as shown on line 2a of Form 5500<br>QUOTIENT SCIENCES - PHILADELPHIA, LLC                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                  | D Employer Identification Number (EIN)<br>04-3599000                                            |
| 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                                                                                               |
| 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):<br><br>EIN(s): 04-6568107                      |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 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                                                                                               |
| 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                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| For Paperwork Reduction Act Notice, see the Instructions for Form 5500.                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| Schedule R (Form 5500) 2017 v. 170203                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                  |                                                                                                 |

**Part V Additional Information for Multiemployer Defined Benefit Pension Plans**

**13** Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (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 participants on whose behalf no contributions were made by an employer as an employer of the participant for:

|                                                                          |            |  |
|--------------------------------------------------------------------------|------------|--|
| <b>a</b> The current year .....                                          | <b>14a</b> |  |
| <b>b</b> The plan year immediately preceding the current plan year ..... | <b>14b</b> |  |
| <b>c</b> The second preceding plan year .....                            | <b>14c</b> |  |

- 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:

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

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

|                                                                                                                                                                        |            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--|
| <b>a</b> Enter the number of employers who withdrew during the preceding plan year .....                                                                               | <b>16a</b> |  |
| <b>b</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 ..... | <b>16b</b> |  |

- 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) through (c)

- a** Enter the percentage of plan assets held as:  
 Stock: \_\_\_\_\_% Investment-Grade Debt: \_\_\_\_\_% High-Yield Debt: \_\_\_\_\_% Real Estate: \_\_\_\_\_% Other: \_\_\_\_\_%
- b** Provide the average duration of the combined investment-grade and high-yield debt:  
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more
- c** What duration measure was used to calculate line 19(b)?  
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): \_\_\_\_\_