# Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

## Annual Return/Report of Employee Benefit Plan

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

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

OMB Nos. 1210-0110
1210-0089

**2018**

**This Form is Open to Public Inspection**

## Part I Annual Report Identification Information

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

**A** This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

**B** This return/report is:
- [ ] the first return/report
- [ ] the final return/report
- [ ] an amended return/report
- [ ] a short plan year return/report (less than 12 months)

**C** If the plan is a collectively-bargained plan, check here. . . . . ▶ [ ]

**D** Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

## Part II Basic Plan Information—enter all requested information

**1a** Name of plan
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC. 401(K) INVESTMENT AND PROFIT SHARING PLAN

**1b** Three-digit plan number (PN) ▶ 001

**1c** Effective date of plan 01/01/1980

**2a** Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC.

P.O. BOX 7661
REDLANDS, CA 92375-0661

380 NEW YORK STREET
REDLANDS, CA 92373

**2b** Employer Identification Number (EIN)
95-2775732

**2c** Plan Sponsor's telephone number
909-793-2853

**2d** Business code (see instructions)
541519

**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.

| | | | |
|---|---|---|---|
| **SIGN HERE** | Filed with authorized/valid electronic signature. | 10/04/2019 | LAURA DANGERMOND |
| | **Signature of plan administrator** | Date | Enter name of individual signing as plan administrator |
| **SIGN HERE** | | | |
| | **Signature of employer/plan sponsor** | Date | Enter name of individual signing as employer or plan sponsor |
| **SIGN HERE** | | | |
| | **Signature of DFE** | Date | Enter name of individual signing as DFE |

| | | |
|---|---|---|
| **3a** Plan administrator's name and address [X] Same as Plan Sponsor | **3b** Administrator's EIN | |
| | **3c** Administrator's telephone number | |
| **4** If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:<br>**a** Sponsor's name<br>**c** Plan Name | **4b** EIN<br>**4d** PN | |
| **5** Total number of participants at the beginning of the plan year | **5** | 4297 |
| **6** Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**). | | |
| **a(1)** Total number of active participants at the beginning of the plan year | **6a(1)** | 3540 |
| **a(2)** Total number of active participants at the end of the plan year | **6a(2)** | 3757 |
| **b** Retired or separated participants receiving benefits | **6b** | 15 |
| **c** Other retired or separated participants entitled to future benefits | **6c** | 835 |
| **d** Subtotal. Add lines **6a(2)**, **6b**, and **6c** | **6d** | 4607 |
| **e** Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. | **6e** | 5 |
| **f** Total. Add lines **6d** and **6e**. | **6f** | 4612 |
| **g** Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) | **6g** | 4557 |
| **h** Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested | **6h** | 93 |
| **7** Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) | **7** | |

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

2E 2F 2G 2K 2R 2S 2T 3D 3H 2J

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

| **9a** Plan funding arrangement (check all that apply) | | **9b** Plan benefit arrangement (check all that apply) | |
|---|---|---|---|
| **(1)** | [ ] Insurance | **(1)** | [ ] Insurance |
| **(2)** | [ ] Code section 412(e)(3) insurance contracts | **(2)** | [ ] Code section 412(e)(3) insurance contracts |
| **(3)** | [X] Trust | **(3)** | [X] Trust |
| **(4)** | [ ] General assets of the sponsor | **(4)** | [ ] 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)** [X] **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)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [ ] **A** (Insurance Information)
- **(4)** [X] **C** (Service Provider Information)
- **(5)** [X] **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 2018 Form M-1 annual report. If the plan was not required to file the 2018 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

| SCHEDULE C (Form 5500) | Service Provider Information | OMB No. 1210-0110 |
|---|---|---|
| Department of the Treasury<br>Internal Revenue Service<br>Department of Labor<br>Employee Benefits Security Administration<br>Pension Benefit Guaranty Corporation | This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).<br>▶ **File as an attachment to Form 5500.** | **2018**<br>**This Form is Open to Public Inspection.** |

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

| **A** Name of plan | **B** Three-digit plan number (PN) ▶ |
|---|---|
| ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC. 401(K) INVESTMENT AND PROFIT SHARING PLAN | 001 |
| **C** Plan sponsor's name as shown on line 2a of Form 5500 | **D** Employer Identification Number (EIN) |
| ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC. | 95-2775732 |

## Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

### 1 Information on Persons Receiving Only Eligible Indirect Compensation

**a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions). . . . . [X] Yes [ ] No

**b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

**2. Information on Other Service Providers Receiving Direct or Indirect Compensation.** Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

**(a)** Enter name and EIN or address (see instructions)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

| (b) Service Code(s) | (c) Relationship to employer, employee organization, or person known to be a party-in-interest | (d) Enter direct compensation paid by the plan. If none, enter -0-. | (e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h) Did the service provider give you a formula instead of an amount or estimated amount? |
|---|---|---|---|---|---|---|
| 37 60 64 65 71 | RECORDKEEPER | 180311 | Yes [X] No [ ] | Yes [X] No [ ] | 0 | Yes [X] No [ ] |

**(a)** Enter name and EIN or address (see instructions)

STRATEGIC ADVISORS, INC.

04-2654524

| (b) Service Code(s) | (c) Relationship to employer, employee organization, or person known to be a party-in-interest | (d) Enter direct compensation paid by the plan. If none, enter -0-. | (e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h) Did the service provider give you a formula instead of an amount or estimated amount? |
|---|---|---|---|---|---|---|
| 27 | ADVISOR | 85622 | Yes [ ] No [X] | Yes [ ] No [ ] | | Yes [ ] No [ ] |

**(a)** Enter name and EIN or address (see instructions)

SAGEVIEW ADVISORY GROUP, LLC

33-0818667

| (b) Service Code(s) | (c) Relationship to employer, employee organization, or person known to be a party-in-interest | (d) Enter direct compensation paid by the plan. If none, enter -0-. | (e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h) Did the service provider give you a formula instead of an amount or estimated amount? |
|---|---|---|---|---|---|---|
| 16 | CONSULTANT | 59378 | Yes [ ] No [X] | Yes [ ] No [ ] | | Yes [ ] No [ ] |

**2. Information on Other Service Providers Receiving Direct or Indirect Compensation.** Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

**(a)** Enter name and EIN or address (see instructions)

SAGEVIEW ADVISORY GROUP, LLC

33-0818667

| (b) Service Code(s) | (c) Relationship to employer, employee organization, or person known to be a party-in-interest | (d) Enter direct compensation paid by the plan. If none, enter -0-. | (e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h) Did the service provider give you a formula instead of an amount or estimated amount? |
|---|---|---|---|---|---|---|
| 16 | CONSULTANT | 58939 | Yes [ ] No [X] | Yes [ ] No [ ] | | Yes [ ] No [ ] |

**(a)** Enter name and EIN or address (see instructions)

MOSS ADAMS LLP

91-0189318

| (b) Service Code(s) | (c) Relationship to employer, employee organization, or person known to be a party-in-interest | (d) Enter direct compensation paid by the plan. If none, enter -0-. | (e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h) Did the service provider give you a formula instead of an amount or estimated amount? |
|---|---|---|---|---|---|---|
| 16 17 | CONSULTANT | 22750 | Yes [ ] No [X] | Yes [ ] No [ ] | | Yes [ ] No [ ] |

**(a)** Enter name and EIN or address (see instructions)

| (b) Service Code(s) | (c) Relationship to employer, employee organization, or person known to be a party-in-interest | (d) Enter direct compensation paid by the plan. If none, enter -0-. | (e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h) Did the service provider give you a formula instead of an amount or estimated amount? |
|---|---|---|---|---|---|---|
| | | | Yes [ ] No [ ] | Yes [ ] No [ ] | | Yes [ ] No [ ] |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| DODGE & COX INCOME - DST ASSET MAN<br>PO BOX 219432<br>KANSAS CITY, MO 64121 | 0.08% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| DODGE & COX STOCK - DST ASSET MANA<br>PO BOX 219432<br>KANSAS CITY, MO 64121 | 0.10% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| WF DISCOVERY IS - DST ASSET MANAGE<br>PO BOX 219432<br>KANSAS CITY, MO 64121 | 0.15% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| GUGGENHEIM HIGH YIELD CL P<br>9601 BLACKWELL RD. STE. 500<br>ROCKVILLE, MD 20850 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| LOOMIS SAYLES BOND RETAIL SHARES<br>399 BOYLSTON STREET 8TH FL<br>BOSTON, MA 02116 | 0.35% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| THE OSTERWEIS STRATEGIC INCOME FD<br>777 E. WISCONSIN AVE 4TH FL<br>MILWAUKEE, WI 53202 | 0.10% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| MOTLEY FOOL EMERGING MARKETS FD IN 2000 DUKE STREET SUITE 175 ALEXANDRIA, VA 22314 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| OAKMARK SELECT INVESTOR CL 111 SOUTH WACKER DR. CHICAGO, IL 60606 | 0.35% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| METROPOLITAN WEST TOT RETURN BOND 865 SOUTH FIGUEROA ST. #1400 LOS ANGELES, CA 90017 | 0.35% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| METWEST UNCONSTRAINED BOND I<br>865 SOUTH FIGUEROA ST. #1400<br>LOS ANGELES, CA 90017 | 0.10% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| RISKPRO PFG AGGRESSIVE 30 FD R<br>777 108TH AVE NE STE 2100<br>BELLEVUE, WA 98004 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| RISKPRO PFG 30 FUND CL R<br>777 108TH AVE NE STE 2100<br>BELLEVUE, WA 98004 | 0.40% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| RED OAK TECHNOLOGY SELECT | 225 PICTORIA DRIVE SUITE 450<br>CINCINNATI, OH 45246 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| PARNASSUS CORE EQUITY INVESTOR | ONE MARKET STREET STEUART TOWER SUI<br>SAN FRANCISCO, CA 94105 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| PRIMECAP ODYSSEY GROWTH FUND | 2020 E. FINANCIAL WAY SUITE 100<br>GLENDORA, CA 91741 | 0.08% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| MOTLEY FOOL GLOBAL OPPORTUNITIES I 2000 DUKE STREET SUITE 175 ALEXANDRIA, VA 22314 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| ROYCE SPECIAL EQUITYINVESTMENT CL 745 FIFTH AVENUE SUITE 2400 NEW YORK, NY 10151 | 0.15% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| T ROWE PRICE FLOATING RATE INVEST 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117 | 0.15% |

**Part I Service Provider Information (continued)**

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| BLACKROCK FLOATING RATE INC PORT I<br>40 EAST 52ND STREET<br>NEW YORK, NY 10022 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| JENSEN QUALITY GROWTH FD CL J<br>811 E. WISCONSIN AVE 8TH FLOOR<br>MILWAUKEE, WI 53202 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| MATTHEWS ASIA DIVIDEND FUND<br>4 EMBARCADERO CENTER SUITE 550<br>SAN FRANCISCO, CA 94111 | 0.40% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| ALLIANZGI GLBL WATER CL A<br>1633 BROADWAY<br>NEW YORK, NY 10019 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| BARON EMERGING MARKETS FUND RETAIL<br>767 5TH AVENUE 49TH FLOOR<br>NEW YORK, NY 10153 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| AMERICAN EUROPACIFICGROWTH CLASS F<br>3500 WISEMAN BLVD<br>SAN ANTONIO, TX 78251-4321 | 0.37% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| FPA CRESCENT FUND 11601 WILSHIRE BLVD SUITE 1200 LOS ANGELES, CA 90025 | $6.00 |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| GLENMEDE LARGE CAP GROWTH 1650 MARKET ST. SUITE 1200 PHILADELPHIA, PA 19103 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| JANUS HENDERSON GLOBAL TECHNOLOGY 151 DETROIT ST. DENVER, CO 80206 | 0.35% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| JANUS HENDERSON GL LIFE SCIENCES T | 151 DETROIT ST.<br>DENVER, CO 80206 | 0.35% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| JPMORGAN MRKT EXPNSNENHANCED INDEX | 1111 POLARIS PARKWAY<br>COLUMBUS, OH 43240 | 0.35% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| LOOMIS SAYLES BOND INSTL | 399 BOYLSTON STREET 8TH FL<br>BOSTON, MA 02116 | 0.20% |

**Part I Service Provider Information (continued)**

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| PAX SMALL CAP FD INVESTOR CL<br>1290 BROADWAY SUITE 1100<br>DENVER, CO 80203 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| BARON PARTNERS FUND<br>767 5TH AVENUE 49TH FLOOR<br>NEW YORK, NY 10153 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| RISKPRO PFG GLOBAL 30 FD CL R<br>777 108TH AVE NE STE 2100<br>BELLEVUE, WA 98004 | 0.40% |

**Part I Service Provider Information (continued)**

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| PAX MSCI EAFE ESG LEADERS IDX INV | 1290 BROADWAY SUITE 1100<br>DENVER, CO 80203 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| PIMCO INCOME FUND CL A | 1633 BROADWAY<br>NEW YORK, NY 10019 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| TCW SELECT EQUITIES CLASS N | 865 SOUTH FIGUERA STREET 22ND FLOOR<br>LOS ANGELES, CA 90017 | 0.40% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| VAN ECK EMERGING MARKETS CLASS A<br>666 3RD AVENUE 9TH FL<br>NEW YORK, NY 10017 | 0.38% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| IMAN FUND RETAIL SHARES<br>721 ENTERPRISE DRIVE<br>OAKBROOK, IL 60523 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| OAKMARK GLOBAL FUND INVESTOR CLASS<br>111 SOUTH WACKER DR.<br>CHICAGO, IL 60606 | 0.35% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| METWEST UNCONSTRAINED BOND M | 865 SOUTH FIGUEROA ST. #1400<br>LOS ANGELES, CA 90017 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| NEUBERGER BERMAN STRATEGIC INC INS | 1290 AVENUE OF THE AMERICAS 22ND FL<br>NEW YORK, NY 10104-0002 | 0.10% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| RISKPRO AGGRESSIVE 30 FUND CL R | 777 108TH AVE NE STE 2100<br>BELLEVUE, WA 98004 | 0.40% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| RISKPRO PFG EQUITY 30 FUND CL R 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| RISKPRO DYNAMIC 20 30 FUND CL R 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| MOTLEY FOOL SMALL MID CAP GROWTH I 2000 DUKE STREET SUITE 175 ALEXANDRIA, VA 22314 | 0.40% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| DOUBLELINE TOTAL RETURN BOND FD CL 777 EAST WISCONSIN AVENUE MILWAUKEE, WI 53202 | 0.06% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| RISKPRO PFG BALANCED 20 30 CL R 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| RISKPRO DYNAMIC 15 25 FUND CL R 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004 | 0.40% |

**Part I Service Provider Information (continued)**

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| TWEEDY BROWNE GLOBAL VALUE FUND | ONE STATION PLACE 5TH FLOOR<br>STAMFORD, CT 06902 | $25.00 |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| DOUBLELINE TOTAL RT BOND FD CL N | 777 EAST WISCONSIN AVENUE<br>MILWAUKEE, WI 53202 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|---|
| HARBOR INTL INV | 111 S. WACKER DR 34TH FLOOR<br>CHICAGO, IL 60606 | 0.35% |

## Part I Service Provider Information (continued)

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| LAZARD US EQTY CONCENTRATED PRT OP 30 ROCKEFELLER PLAZA 57TH FL. NEW YORK, NY 10112 | 0.40% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| FIDELITY INVESTMENTS INSTITUTIONAL | 60 | 0 |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| T ROWE PRICE INTL DISCOVERY FUND 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117 | 0.15% |

| **(a)** Enter service provider name as it appears on line 2 | **(b)** Service Codes (see instructions) | **(c)** Enter amount of indirect compensation |
|---|---|---|
| | | |

| **(d)** Enter name and EIN (address) of source of indirect compensation | **(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |
|---|---|
| | |

## Part II Service Providers Who Fail or Refuse to Provide Information

**4** Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

| **(a)** Enter name and EIN or address of service provider (see instructions) | **(b)** Nature of Service Code(s) | **(c)** Describe the information that the service provider failed or refused to provide |
|---|---|---|
| | | |

| **(a)** Enter name and EIN or address of service provider (see instructions) | **(b)** Nature of Service Code(s) | **(c)** Describe the information that the service provider failed or refused to provide |
|---|---|---|
| | | |

| **(a)** Enter name and EIN or address of service provider (see instructions) | **(b)** Nature of Service Code(s) | **(c)** Describe the information that the service provider failed or refused to provide |
|---|---|---|
| | | |

| **(a)** Enter name and EIN or address of service provider (see instructions) | **(b)** Nature of Service Code(s) | **(c)** Describe the information that the service provider failed or refused to provide |
|---|---|---|
| | | |

| **(a)** Enter name and EIN or address of service provider (see instructions) | **(b)** Nature of Service Code(s) | **(c)** Describe the information that the service provider failed or refused to provide |
|---|---|---|
| | | |

| **(a)** Enter name and EIN or address of service provider (see instructions) | **(b)** Nature of Service Code(s) | **(c)** Describe the information that the service provider failed or refused to provide |
|---|---|---|
| | | |

## Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

| | |
|---|---|
| **a** Name: | **b** EIN: |
| **c** Position: | |
| **d** Address: | **e** Telephone: |

Explanation:

| | |
|---|---|
| **a** Name: | **b** EIN: |
| **c** Position: | |
| **d** Address: | **e** Telephone: |

Explanation:

| | |
|---|---|
| **a** Name: | **b** EIN: |
| **c** Position: | |
| **d** Address: | **e** Telephone: |

Explanation:

| | |
|---|---|
| **a** Name: | **b** EIN: |
| **c** Position: | |
| **d** Address: | **e** Telephone: |

Explanation:

| | |
|---|---|
| **a** Name: | **b** EIN: |
| **c** Position: | |
| **d** Address: | **e** Telephone: |

Explanation:

# SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

## DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

**2018**

**This Form is Open to Public Inspection.**

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

**A** Name of plan
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC. 401(K) INVESTMENT AND PROFIT SHARING PLAN

**B** Three-digit plan number (PN) ▶ 001

**C** Plan or DFE sponsor's name as shown on line 2a of Form 5500
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC.

**D** Employer Identification Number (EIN)
95-2775732

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

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2020

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **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) |
|---|---|---|
| 90-6083982-001 | C | 24864805 |

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2040

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **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) |
|---|---|---|
| 90-6083974-001 | C | 68316669 |

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2025

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **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) |
|---|---|---|
| 90-6083980-001 | C | 56854366 |

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2030

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **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) |
|---|---|---|
| 90-6083978-001 | C | 66133887 |

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2035

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **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) |
|---|---|---|
| 90-6083976-001 | C | 67077536 |

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET INC

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **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) |
|---|---|---|
| 90-6083967-001 | C | 5692390 |

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2045

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **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) |
|---|---|---|
| 90-6083972-001 | C | 58769442 |

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2055

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **c** EIN-PN 27-6715091-001 | **d** Entity code C | **e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 14072415 |
|---|---|---|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2015

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **c** EIN-PN 90-6083984-001 | **d** Entity code C | **e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 9510029 |
|---|---|---|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2060

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **c** EIN-PN 45-3799419-001 | **d** Entity code C | **e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3429477 |
|---|---|---|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2065

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **c** EIN-PN 82-6194314-001 | **d** Entity code C | **e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 320004 |
|---|---|---|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET 2050

**b** Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY

| **c** EIN-PN 90-6083970-001 | **d** Entity code C | **e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 27701319 |
|---|---|---|

**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) |
|---|---|---|

## 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 |

# SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

## Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

**2018**

**This Form is Open to Public Inspection**

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

**A** Name of plan
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC. 401(K) INVESTMENT AND PROFIT SHARING PLAN

**B** Three-digit plan number (PN) ▶ 001

**C** Plan sponsor's name as shown on line 2a of Form 5500
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC.

**D** Employer Identification Number (EIN)
95-2775732

## Part I Asset and Liability Statement

**1** Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

| Assets | | (a) Beginning of Year | (b) End of Year |
|---|---|---|---|
| **a** Total noninterest-bearing cash | 1a | 3000 | 54535 |
| **b** Receivables (less allowance for doubtful accounts): | | | |
| **(1)** Employer contributions | 1b(1) | 16335152 | 21461631 |
| **(2)** Participant contributions | 1b(2) | 1424281 | 1717322 |
| **(3)** Other | 1b(3) | 20 | 24308 |
| **c** General investments: | | | |
| **(1)** Interest-bearing cash (include money market accounts & certificates of deposit) | 1c(1) | 12768806 | 17593706 |
| **(2)** U.S. Government securities | 1c(2) | 39999 | 1561030 |
| **(3)** Corporate debt instruments (other than employer securities): | | | |
| **(A)** Preferred | 1c(3)(A) | 0 | 0 |
| **(B)** All other | 1c(3)(B) | 65644 | 121894 |
| **(4)** Corporate stocks (other than employer securities): | | | |
| **(A)** Preferred | 1c(4)(A) | 21646 | 20000 |
| **(B)** Common | 1c(4)(B) | 9221472 | 12854461 |
| **(5)** Partnership/joint venture interests | 1c(5) | 0 | 0 |
| **(6)** Real estate (other than employer real property) | 1c(6) | 0 | 0 |
| **(7)** Loans (other than to participants) | 1c(7) | 0 | 0 |
| **(8)** Participant loans | 1c(8) | 13307203 | 13898625 |
| **(9)** Value of interest in common/collective trusts | 1c(9) | 412550818 | 402742339 |
| **(10)** Value of interest in pooled separate accounts | 1c(10) | 0 | 0 |
| **(11)** Value of interest in master trust investment accounts | 1c(11) | 0 | 0 |
| **(12)** Value of interest in 103-12 investment entities | 1c(12) | 0 | 0 |
| **(13)** Value of interest in registered investment companies (e.g., mutual funds) | 1c(13) | 460710403 | 440244912 |
| **(14)** Value of funds held in insurance company general account (unallocated contracts) | 1c(14) | | |
| **(15)** Other | 1c(15) | 96663210 | 101806925 |

| | | | (a) Beginning of Year | (b) End of Year |
|---|---|---|---|---|
| **1d** | Employer-related investments: | | | |
| | **(1)** Employer securities | 1d(1) | 0 | 0 |
| | **(2)** Employer real property | 1d(2) | 0 | 0 |
| **e** | Buildings and other property used in plan operation | 1e | 0 | 0 |
| **f** | Total assets (add all amounts in lines 1a through 1e) | 1f | 1023111654 | 1014101688 |
| | **Liabilities** | | | |
| **g** | Benefit claims payable | 1g | 0 | 0 |
| **h** | Operating payables | 1h | 28811 | 31158 |
| **i** | Acquisition indebtedness | 1i | 0 | 0 |
| **j** | Other liabilities | 1j | 71000 | 283340 |
| **k** | Total liabilities (add all amounts in lines 1g through1j) | 1k | 99811 | 314498 |
| | **Net Assets** | | | |
| **l** | Net assets (subtract line 1k from line 1f) | 1l | 1023011843 | 1013787190 |

## Part II Income and Expense Statement

**2** Plan income, expenses, and changes in net assets for the year. 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. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

| | Income | | (a) Amount | (b) Total |
|---|---|---|---|---|
| **a** | **Contributions:** | | | |
| | **(1)** Received or receivable in cash from: **(A)** Employers | 2a(1)(A) | 32657150 | |
| | **(B)** Participants | 2a(1)(B) | 37925327 | |
| | **(C)** Others (including rollovers) | 2a(1)(C) | 4080682 | |
| | **(2)** Noncash contributions | 2a(2) | 0 | |
| | **(3)** Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)** | 2a(3) | | 74663159 |
| **b** | **Earnings on investments:** | | | |
| | **(1)** Interest: | | | |
| | **(A)** Interest-bearing cash (including money market accounts and certificates of deposit) | 2b(1)(A) | 256101 | |
| | **(B)** U.S. Government securities | 2b(1)(B) | 685 | |
| | **(C)** Corporate debt instruments | 2b(1)(C) | 2055 | |
| | **(D)** Loans (other than to participants) | 2b(1)(D) | 0 | |
| | **(E)** Participant loans | 2b(1)(E) | 755990 | |
| | **(F)** Other | 2b(1)(F) | 0 | |
| | **(G)** Total interest. Add lines **2b(1)(A)** through **(F)** | 2b(1)(G) | | 1014831 |
| | **(2)** Dividends: **(A)** Preferred stock | 2b(2)(A) | 1281 | |
| | **(B)** Common stock | 2b(2)(B) | 160667 | |
| | **(C)** Registered investment company shares (e.g. mutual funds) | 2b(2)(C) | 28253937 | |
| | **(D)** Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)** | 2b(2)(D) | | 28415885 |
| | **(3)** Rents | 2b(3) | | 0 |
| | **(4)** Net gain (loss) on sale of assets: **(A)** Aggregate proceeds | 2b(4)(A) | 33308182 | |
| | **(B)** Aggregate carrying amount (see instructions) | 2b(4)(B) | 32300419 | |
| | **(C)** Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result | 2b(4)(C) | | 1007763 |
| | **(5)** Unrealized appreciation (depreciation) of assets: **(A)** Real estate | 2b(5)(A) | 0 | |
| | **(B)** Other | 2b(5)(B) | -2288062 | |
| | **(C)** Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)** | 2b(5)(C) | | -2288062 |

| | | (a) Amount | (b) Total |
|---|---|---|---|
| (6) Net investment gain (loss) from common/collective trusts | 2b(6) | | -27953195 |
| (7) Net investment gain (loss) from pooled separate accounts | 2b(7) | | 0 |
| (8) Net investment gain (loss) from master trust investment accounts | 2b(8) | | 0 |
| (9) Net investment gain (loss) from 103-12 investment entities | 2b(9) | | 0 |
| (10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) | 2b(10) | | -54401798 |
| c Other income | 2c | | 2268113 |
| d Total income. Add all **income** amounts in column (b) and enter total | 2d | | 22726696 |
| **Expenses** | | | |
| e Benefit payment and payments to provide benefits: | | | |
| (1) Directly to participants or beneficiaries, including direct rollovers | 2e(1) | 31408794 | |
| (2) To insurance carriers for the provision of benefits | 2e(2) | 0 | |
| (3) Other | 2e(3) | 0 | |
| (4) Total benefit payments. Add lines **2e(1)** through **(3)** | 2e(4) | | 31408794 |
| f Corrective distributions (see instructions) | 2f | | 7002 |
| g Certain deemed distributions of participant loans (see instructions) | 2g | | 26897 |
| h Interest expense | 2h | | 0 |
| i Administrative expenses: (1) Professional fees | 2i(1) | 0 | |
| (2) Contract administrator fees | 2i(2) | 0 | |
| (3) Investment advisory and management fees | 2i(3) | 206508 | |
| (4) Other | 2i(4) | 302148 | |
| (5) Total administrative expenses. Add lines **2i(1)** through **(4)** | 2i(5) | | 508656 |
| j Total expenses. Add all **expense** amounts in column (b) and enter total | 2j | | 31951349 |
| **Net Income and Reconciliation** | | | |
| k Net income (loss). Subtract line **2j** from line **2d** | 2k | | -9224653 |
| l Transfers of assets: | | | |
| (1) To this plan | 2l(1) | | 0 |
| (2) From this plan | 2l(2) | | |

## Part III Accountant's Opinion

**3** Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

**a** The attached opinion of an independent qualified public accountant for this plan is (see instructions):

**(1)** ☐ Unqualified **(2)** ☐ Qualified **(3)** ☒ Disclaimer **(4)** ☐ Adverse

**b** Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

**c** Enter the name and EIN of the accountant (or accounting firm) below:

**(1)** Name: MOSS ADAMS LLP **(2)** EIN: 91-0189318

**d** The opinion of an independent qualified public accountant is **not attached** because:

**(1)** ☐ This form is filed for a CCT, PSA, or MTIA. **(2)** ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

## Part IV Compliance Questions

**4** CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

| | | Yes | No | Amount |
|---|---|---|---|---|
| **a** Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.) | 4a | | X | |
| **b** Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.) | 4b | | X | |

| | | | Yes | No | Amount |
|---|---|---|---|---|---|
| c | Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.) | 4c | | X | |
| d | Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.) | 4d | | X | |
| e | Was this plan covered by a fidelity bond? | 4e | X | | 1000000 |
| f | Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? | 4f | | X | |
| g | Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser? | 4g | | X | |
| h | Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser? | 4h | | X | |
| i | Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.) | 4i | X | | |
| j | Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.) | 4j | | X | |
| k | Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? | 4k | | X | |
| l | Has the plan failed to provide any benefit when due under the plan? | 4l | | X | |
| m | If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) | 4m | | X | |
| n | If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3. | 4n | | 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.)

# SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

## Retirement Plan Information

This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

**2018**

**This Form is Open to Public Inspection.**

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

**A** Name of plan
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC. 401(K) INVESTMENT AND PROFIT SHARING PLAN

**B** Three-digit plan number (PN) ▶ 001

**C** Plan sponsor's name as shown on line 2a of Form 5500
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC.

**D** Employer Identification Number (EIN)
95-2775732

## 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):

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**

## 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:

| | | |
|---|---|---|
| **a** The current year | **14a** | |
| **b** The plan year immediately preceding the current plan year | **14b** | |
| **c** The second preceding plan year | **14c** | |

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

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

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

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

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

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

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

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



REPORT OF INDEPENDENT AUDITORS
AND FINANCIAL STATEMENTS WITH
SUPPLEMENTAL SCHEDULE

# ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC.
# 401(k) INVESTMENT AND PROFIT SHARING PLAN

December 31, 2018 and 2017

MOSSADAMS

# Table of Contents


| | PAGE |
|---|---|
| **Report of Independent Auditors** | 1–2 |
| **Financial Statements** | |
| Statements of net assets available for benefits | 3 |
| Statement of changes in net assets available for benefits | 4 |
| Notes to financial statements | 5–11 |
| **Supplemental Schedule Required by the Department of Labor** | |
| Schedule H, line 4(i) – schedule of assets (held at end of year) | 12 |

MOSSADAMS

# Report of Independent Auditors

To the Plan Administrator
Environmental Systems Research Institute, Inc.
401(k) Investment and Profit Sharing Plan

## Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Environmental Systems Research Institute, Inc. 401(k) Investment and Profit Sharing Plan (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, and the related statement of changes in net assets available for benefits for the year ended December 31, 2018, and the related notes to the financial statements.

### *Management's Responsibility for the Financial Statements*

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### *Auditor's Responsibility*

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

### *Basis for Disclaimer of Opinion*

As permitted by 29 CFR 2520.103-8 of the Department of Labor's (DOL's) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA), the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 6, which was certified by Fidelity Management Trust Company, the trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained certifications from the trustee as of December 31, 2018 and 2017, and for the year ended December 31, 2018, that the information provided to the plan administrator by the trustee is complete and accurate.

### *Disclaimer of Opinion*

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

### *Other Matter*

The Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year) as of December 31, 2018, is required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on this supplemental schedule.

## Report on Form and Content in Compliance with DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Moss Adams LLP

Irvine, California
September 26, 2019

# Environmental Systems Research Institute, Inc.
# 401(k) Investment and Profit Sharing Plan
## Statements of Net Assets Available for Benefits

| | December 31, 2018 | December 31, 2017 |
|---|---|---|
| ASSETS | | |
| Investments, at fair value | | |
| Registered investment companies | $ 430,962,825 | $ 451,180,374 |
| Self-directed brokerage account | 31,643,463 | 26,202,424 |
| Stable value fund | 111,360,985 | 102,011,591 |
| Collective trusts | 402,742,339 | 412,550,818 |
| Total investments | 976,709,612 | 991,945,207 |
| Receivables | | |
| Notes receivable from participants | 13,898,625 | 13,307,203 |
| Participant contributions | 1,717,322 | 1,424,281 |
| Employer contributions | 21,461,631 | 16,335,152 |
| NET ASSETS AVAILABLE FOR BENEFITS | $ 1,013,787,190 | $ 1,023,011,843 |

# Environmental Systems Research Institute, Inc.
# 401(k) Investment and Profit Sharing Plan
## Statement of Changes in Net Assets Available for Benefits

| | Year Ended December 31, 2018 |
|---|---|
| ADDITIONS TO NET ASSETS ATTRIBUTED TO: | |
| Investment (loss) income | |
| Net depreciation in fair value of investments | $ (82,932,504) |
| Dividends and interest income | 30,240,051 |
| Net investment loss | (52,692,453) |
| Interest income on notes receivable from participants | 755,990 |
| Contributions | |
| Participant | 37,925,327 |
| Employer | 32,657,150 |
| Rollovers | 4,080,682 |
| | 74,663,159 |
| Total additions | 22,726,696 |
| DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO: | |
| Benefits paid to participants | 31,442,693 |
| Administrative expenses | 508,656 |
| Total deductions | 31,951,349 |
| CHANGE IN NET ASSETS | (9,224,653) |
| NET ASSETS AVAILABLE FOR BENEFITS | |
| Beginning of year | 1,023,011,843 |
| End of year | $ 1,013,787,190 |


See accompanying notes.

**Note 1 – Description of Plan**

The following description of the Environmental Systems Research Institute, Inc. 401(k) Investment and Profit Sharing Plan (the "Plan") provides only general information. Participants should refer to the Plan Agreement, as amended, for a more complete description of plan provisions.

**General** – The Plan is a 401(k) salary deferral and profit sharing plan covering substantially all employees of Environmental Systems Research Institute, Inc. (the "Company"), as defined in the Plan, and is subject to provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The Company is the Plan's sponsor and serves as plan administrator.

**Eligibility** – Employees of the Company are eligible to participate in the Plan immediately after hire and upon reaching age 18. Interns may become eligible if they reach the age of 21 and work 1,000 hours. Participants must be employed as of the last day of the plan year, to be eligible to receive any employer profit sharing contributions. Participants only need to be making participant contributions to be eligible to receive employer match contributions.

**Contributions**

*Participant contributions* – Each year, participants may contribute between 1–75% of pretax annual compensation, as defined in the Plan. Participants may also elect to make Roth contributions utilizing after-tax contributions. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans. The Plan includes an auto-enrollment provision whereby all newly eligible employees are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled participants have their deferral rate set at 6% of eligible compensation and their contributions invested in a designated fund until elected otherwise by the participant.

*Employer match and profit sharing contributions* – The Company may elect to make discretionary matching and profit sharing contributions to the Plan. The Company matches 50% of employee contributions, up to 6% of eligible compensation deferred to the Plan. Profit sharing contributions are allocated to participants in the same proportion as a participant's compensation bears to the total of all participants' compensation. For the year ended December 31, 2018, the Company made matching contributions and a discretionary profit sharing contribution of $11,668,070 and $20,989,080, respectively, to the Plan.

Contributions are subject to regulatory limitations.

**Participant accounts** – Each participant's account is credited with the participant's contributions and Company matching contributions as well as allocations of the Company's profit sharing contributions and plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings, account balances, or specific participant transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Participants direct the investment of their contributions into various investment options offered by the Plan.

**Note 1 – Description of Plan (continued)**

**Vesting** – Participants are vested immediately in their contributions plus actual earnings thereon. Vesting in the Company's discretionary matching and profit sharing contributions is based on years of continuous service. Participants vest in the Company's contributions based on the following schedule:

| Years of Service | Vesting Percentage |
|---|---|
| Less than 1 | 0% |
| 1 | 33% |
| 2 | 66% |
| 3 | 100% |

**Notes receivable from participants** – Participants may borrow from their accounts a minimum of $1,000 up to a maximum equal to the lesser of $50,000 or 50% of their vested account balance. The loans are issued by the Plan and secured by the balance in the participant's account. All loans must be repaid within a period of five years, unless the loan is used to purchase a principal residence, in which case, the loan must be repaid within a reasonable period of time not to exceed fifteen years. Under the terms of the Plan Agreement, plan loans will bear a reasonable rate of interest determined by the plan administrator. Principal and interest is paid ratably through semimonthly payroll deductions. As of December 31, 2018, the rates of interest on outstanding loans ranged from 4.25–10.25% with various maturities through November 2033.

**Payment of benefits** – On termination of service due to death, disability, or retirement, a participant may elect to receive either a lump-sum amount equal to the value of the participant's vested interest in his or her account, or annual installments. For termination of service for other reasons, a participant may receive the value of the vested interest in his or her account as a lump-sum distribution.

**Forfeitures** – Forfeitures are the non-vested portion of a participant's account that is lost upon termination of employment. Forfeitures are retained in the Plan. Forfeitures from the matching contribution account will first be used to pay plan administrative expenses, with any remaining amount used to reduce future Company contributions. Forfeitures from the profit sharing contribution account will be reallocated among the accounts of eligible participants otherwise eligible to receive an allocation of profit sharing contributions. As of December 31, 2018 and 2017, forfeited non-vested accounts totaled $479,182 and $410,163, respectively. During the year ended December 31, 2018, forfeited matching contributions of $123,228 were used for payment of plan administrative expenses and forfeitures of $364,403 were allocated among the accounts of eligible participants.

**Note 2 – Summary of Significant Accounting Policies**

**Basis of accounting** – The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America, using the accrual method of accounting.

**Note 2 – Summary of Significant Accounting Policies (continued)**

**Use of estimates** – The preparation of financial statements in conformity with generally accepted accounting principles requires the use of estimates and assumptions that may affect certain amounts and disclosures. Accordingly, actual results could differ from those estimates.

**Investment valuation** – The investments are reported at fair value. The Plan's trustee, Fidelity Management Trust Company, certifies the fair market value of all investments. If available, quoted market prices are used to value investments.

Fair value is the price that would be received to sell an asset or paid to transfer a liability (the "exit price") in an orderly transaction between market participants at the measurement date. See Note 3 for discussion of fair value measurements.

**Income recognition** – Purchases and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date. Interest income is recorded on the accrual basis. The net depreciation in fair value of investments consists of both the realized gains and losses and unrealized appreciation and depreciation of those investments.

**Notes receivable from participants** – Notes receivable from participants are measured at amortized cost, which represents unpaid principal balance plus accrued but unpaid interest. Delinquent notes receivable from participants are reclassified as distributions upon the occurrence of a distributable event, based on the terms of the Plan Agreement.

**Payment of benefits** – Benefits are recorded when paid.

**Expenses** – Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in net depreciation in fair value of investments.

**Subsequent events** – Subsequent events are events or transactions that occur after the statement of net assets available for benefits date but before the financial statements are available to be issued. The Plan recognizes in the financial statements the effects of all subsequent events that provide additional evidence about conditions that existed at the date of the statement of net assets available for benefits, including the estimates inherent in the process of preparing the financial statements. The Plan's financial statements do not recognize subsequent events that provide evidence about conditions that did not exist at the date of the statement of net assets available for benefits but arose after the statement of net assets available for benefits date and before the financial statements are available to be issued.

The Plan has evaluated subsequent events through September 26, 2019, which is the date the financial statements were available to be issued.

**Note 3 – Fair Value Measurements**

The framework for measuring fair value provides a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3).

The three levels of the fair value hierarchy are described as follows:

**Level 1** – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities the Plan has the ability to access.

**Level 2** – Inputs to the valuation methodology include quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; and inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

**Level 3** – Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation techniques used for assets measured at fair value. There have been no changes in the techniques used at December 31, 2018 and 2017.

*Registered investment companies (mutual funds)* – Valued at the daily closing price as reported by the fund. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The funds held by the Plan are deemed to be actively traded. Mutual funds held by the Plan are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission.

*Self-directed brokerage accounts* – Accounts primarily consist of mutual funds and common stocks that are valued on the basis of readily determinable market prices.

*Stable value fund* – A stable value fund that is composed primarily of fully benefit-responsive investment contracts that is valued using the net asset value practical expedient (NAV practical expedient), an estimate of fair value. This NAV practical expedient would not be used if it is determined to be probable that the Plan will sell the investment for an amount different from the reported net asset value. Participant transactions (purchases and sales) may occur daily. If the Plan initiates a full redemption of the trust, the issuer reserves the right to temporarily delay withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

**Note 3 – Fair Value Measurements (continued)**

*Collective trust* – Units held in collective trusts (CT) are valued using the net asset value practical expedient (NAV practical expedient) of the CT as reported by the CT managers. The NAV practical expedient is based on the fair value of the underlying assets owned by the CT, minus its liabilities, and then divided by the number of units outstanding.

The valuation methods used by the Plan may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table discloses the fair value hierarchy of the Plan's assets by level as of December 31, 2018 and 2017:

| | Fair Value Measurement at December 31, 2018 | | | |
|---|---|---|---|---|
| | Level 1 | Level 2 | Level 3 | Total |
| Registered investment companies | $ 430,962,825 | $ - | $ - | $ 430,962,825 |
| Self-directed brokerage account | 31,643,463 | - | - | 31,643,463 |
| Total assets in the fair value hierarchy | $ 462,606,288 | $ - | $ - | 462,606,288 |
| Investments measured at NAV (practical expedient) | | | | 514,103,324 |
| Investments at fair value | | | | $ 976,709,612 |

| | Fair Value Measurement at December 31, 2017 | | | |
|---|---|---|---|---|
| | Level 1 | Level 2 | Level 3 | Total |
| Registered investment companies | $ 451,180,374 | $ - | $ - | $ 451,180,374 |
| Self-directed brokerage account | 26,202,424 | - | - | 26,202,424 |
| Total assets in the fair value hierarchy | $ 477,382,798 | $ - | $ - | 477,382,798 |
| Investments measured at NAV (practical expedient) | | | | 514,562,409 |
| Investments at fair value | | | | $ 991,945,207 |

Gains and losses (realized and unrealized) included in changes in net assets for the period above are reported in net appreciation (depreciation) in fair value of investments in the statement of changes in net assets available for benefits.

**Note 4 – Tax Status**

The Plan Document is a volume submitter defined contribution plan that received a favorable opinion letter from the Internal Revenue Service on March 31, 2014, which stated that the Plan, as then designed, was in accordance with applicable sections of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the opinion letter, the plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

**Note 4 – Tax Status (continued)**

In accordance with guidance on accounting for uncertainty in income taxes, the plan administrator has evaluated the Plan's tax positions and does not believe the Plan has any uncertain tax positions that require disclosure or adjustment to the financial statements. The Plan is subject to routine audits by taxing jurisdictions. A routine audit for the 2016 and 2017 plan years was completed in 2019 with no material impact to financial statements.

**Note 5 – Risks and Uncertainties**

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market volatility, and credit risks. It is reasonably possible, given the level of risk associated with investment securities, that changes in the values of the investments in the near term could materially affect a participant's account balance and the amounts reported in the statement of net assets available for benefits.

**Note 6 – Information Certified by the Trustee**

The plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Fidelity Management Trust Company, the trustee of the Plan, has certified to the completeness and accuracy of:

- Investments and notes receivable from participants reflected on the accompanying statements of net assets available for benefits as of December 31, 2018 and 2017.

- Net depreciation in fair value of investments, dividends, and interest, and interest income on notes receivable from participants reflected on the accompanying statement of changes in net assets available for benefits for the year ended December 31, 2018.

- Investments reflected on the schedule of assets (held at end of year).

**Note 7 – Party-In-Interest Transactions**

Certain plan investments are managed by an affiliate of Fidelity Management Trust Company. Fidelity Management Trust Company is the trustee of the Plan and, therefore, transactions with these entities qualify as exempt party-in-interest transactions.

**Note 8 – Plan Termination**

Although it has not expressed any intent to do so, the Company has the right to terminate the Plan and discontinue its contributions at any time, subject to the provisions of ERISA. If the Plan is terminated, amounts allocated to a participant's account become fully vested.

# Supplemental Schedule
# Required by the Department of Labor

# Environmental Systems Research Institute, Inc.
# 401(k) Investment and Profit Sharing Plan
## EIN: 95-2775732
## PLAN #: 001
## Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
## December 31, 2018

| (a) | (b) Identity of issue, borrower, lessor or similar party | (c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value | (d) Cost | (e) Current value |
|---|---|---|---|---|
| * | Fidelity 500 Index | Registered Investment Company | ** | $ 102,584,767 |
| | T Rowe Price Institutional Large Cap Growth | Registered Investment Company | ** | 70,193,123 |
| | Wells Fargo Advantage Discovery Institutional | Registered Investment Company | ** | 65,222,474 |
| | Dodge & Cox Funds - Stock | Registered Investment Company | ** | 54,446,296 |
| | MFS Institutional International Equity | Registered Investment Company | ** | 35,635,922 |
| | DFA Investments Dimensions Group Inc. | Registered Investment Company | ** | 28,094,667 |
| * | Fidelity US Bond Index | Registered Investment Company | ** | 20,562,159 |
| | Dodge & Cox Funds - Income | Registered Investment Company | ** | 18,982,471 |
| * | Fidelity Spartan Extnd Mkt Idx | Registered Investment Company | ** | 17,465,674 |
| * | Fidelity Spartan Global Extended US Index | Registered Investment Company | ** | 17,157,873 |
| | Vanguard Federal Money Market | Registered Investment Company | ** | 617,399 |
| | Brokerage Link | Self-directed Investments | ** | 31,643,463 |
| | Wells Fargo | Stable Value | ** | 111,360,985 |
| | Vanguard Target Retirement 2040 | Collective Trust | ** | 68,316,669 |
| | Vanguard Target Retirement 2035 | Collective Trust | ** | 67,077,536 |
| | Vanguard Target Retirement 2030 | Collective Trust | ** | 66,133,887 |
| | Vanguard Target Retirement 2045 | Collective Trust | ** | 58,769,442 |
| | Vanguard Target Retirement 2025 | Collective Trust | ** | 56,854,366 |
| | Vanguard Target Retirement 2050 | Collective Trust | ** | 27,701,319 |
| | Vanguard Target Retirement 2020 | Collective Trust | ** | 24,864,805 |
| | Vanguard Target Retirement 2055 | Collective Trust | ** | 14,072,415 |
| | Vanguard Target Retirement 2015 | Collective Trust | ** | 9,510,029 |
| | Vanguard Target Retirement Income | Collective Trust | ** | 5,692,390 |
| | Vanguard Target Retirement 2060 | Collective Trust | ** | 3,429,477 |
| | Vanguard Target Retirement 2065 | Collective Trust | ** | 320,004 |
| * | Participant loans | Interest rates range from 4.25% to 10.25%, maturing through November 2033. | ** | 13,898,625 |
| | | | | $ 990,608,237 |

* Indicates party-in-interest.

** Information is not required as investments are participant-directed.



REPORT OF INDEPENDENT AUDITORS
AND FINANCIAL STATEMENTS WITH
SUPPLEMENTAL SCHEDULE

# ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC.
# 401(k) INVESTMENT AND PROFIT SHARING PLAN

December 31, 2018 and 2017

MOSSADAMS

# Table of Contents


| | PAGE |
|---|---|
| **Report of Independent Auditors** | 1–2 |
| **Financial Statements** | |
| Statements of net assets available for benefits | 3 |
| Statement of changes in net assets available for benefits | 4 |
| Notes to financial statements | 5–11 |
| **Supplemental Schedule Required by the Department of Labor** | |
| Schedule H, line 4(i) – schedule of assets (held at end of year) | 12 |

MOSSADAMS

# Report of Independent Auditors

To the Plan Administrator
Environmental Systems Research Institute, Inc.
401(k) Investment and Profit Sharing Plan

## Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Environmental Systems Research Institute, Inc. 401(k) Investment and Profit Sharing Plan (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, and the related statement of changes in net assets available for benefits for the year ended December 31, 2018, and the related notes to the financial statements.

### *Management's Responsibility for the Financial Statements*

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### *Auditor's Responsibility*

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

### *Basis for Disclaimer of Opinion*

As permitted by 29 CFR 2520.103-8 of the Department of Labor's (DOL's) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA), the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 6, which was certified by Fidelity Management Trust Company, the trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained certifications from the trustee as of December 31, 2018 and 2017, and for the year ended December 31, 2018, that the information provided to the plan administrator by the trustee is complete and accurate.

### *Disclaimer of Opinion*

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

### *Other Matter*

The Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year) as of December 31, 2018, is required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on this supplemental schedule.

## Report on Form and Content in Compliance with DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Moss Adams LLP

Irvine, California
September 26, 2019

# Environmental Systems Research Institute, Inc.
# 401(k) Investment and Profit Sharing Plan
## Statements of Net Assets Available for Benefits

| | December 31, 2018 | December 31, 2017 |
|---|---|---|
| ASSETS | | |
| Investments, at fair value | | |
| Registered investment companies | $ 430,962,825 | $ 451,180,374 |
| Self-directed brokerage account | 31,643,463 | 26,202,424 |
| Stable value fund | 111,360,985 | 102,011,591 |
| Collective trusts | 402,742,339 | 412,550,818 |
| Total investments | 976,709,612 | 991,945,207 |
| Receivables | | |
| Notes receivable from participants | 13,898,625 | 13,307,203 |
| Participant contributions | 1,717,322 | 1,424,281 |
| Employer contributions | 21,461,631 | 16,335,152 |
| NET ASSETS AVAILABLE FOR BENEFITS | $ 1,013,787,190 | $ 1,023,011,843 |

# Environmental Systems Research Institute, Inc.
# 401(k) Investment and Profit Sharing Plan
## Statement of Changes in Net Assets Available for Benefits

| | Year Ended December 31, 2018 |
|---|---|
| ADDITIONS TO NET ASSETS ATTRIBUTED TO: | |
| Investment (loss) income | |
| Net depreciation in fair value of investments | $ (82,932,504) |
| Dividends and interest income | 30,240,051 |
| Net investment loss | (52,692,453) |
| Interest income on notes receivable from participants | 755,990 |
| Contributions | |
| Participant | 37,925,327 |
| Employer | 32,657,150 |
| Rollovers | 4,080,682 |
| | 74,663,159 |
| Total additions | 22,726,696 |
| DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO: | |
| Benefits paid to participants | 31,442,693 |
| Administrative expenses | 508,656 |
| Total deductions | 31,951,349 |
| CHANGE IN NET ASSETS | (9,224,653) |
| NET ASSETS AVAILABLE FOR BENEFITS | |
| Beginning of year | 1,023,011,843 |
| End of year | $ 1,013,787,190 |


See accompanying notes.

**Note 1 – Description of Plan**

The following description of the Environmental Systems Research Institute, Inc. 401(k) Investment and Profit Sharing Plan (the "Plan") provides only general information. Participants should refer to the Plan Agreement, as amended, for a more complete description of plan provisions.

**General** – The Plan is a 401(k) salary deferral and profit sharing plan covering substantially all employees of Environmental Systems Research Institute, Inc. (the "Company"), as defined in the Plan, and is subject to provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The Company is the Plan's sponsor and serves as plan administrator.

**Eligibility** – Employees of the Company are eligible to participate in the Plan immediately after hire and upon reaching age 18. Interns may become eligible if they reach the age of 21 and work 1,000 hours. Participants must be employed as of the last day of the plan year, to be eligible to receive any employer profit sharing contributions. Participants only need to be making participant contributions to be eligible to receive employer match contributions.

**Contributions**

*Participant contributions* – Each year, participants may contribute between 1–75% of pretax annual compensation, as defined in the Plan. Participants may also elect to make Roth contributions utilizing after-tax contributions. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans. The Plan includes an auto-enrollment provision whereby all newly eligible employees are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled participants have their deferral rate set at 6% of eligible compensation and their contributions invested in a designated fund until elected otherwise by the participant.

*Employer match and profit sharing contributions* – The Company may elect to make discretionary matching and profit sharing contributions to the Plan. The Company matches 50% of employee contributions, up to 6% of eligible compensation deferred to the Plan. Profit sharing contributions are allocated to participants in the same proportion as a participant's compensation bears to the total of all participants' compensation. For the year ended December 31, 2018, the Company made matching contributions and a discretionary profit sharing contribution of $11,668,070 and $20,989,080, respectively, to the Plan.

Contributions are subject to regulatory limitations.

**Participant accounts** – Each participant's account is credited with the participant's contributions and Company matching contributions as well as allocations of the Company's profit sharing contributions and plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings, account balances, or specific participant transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Participants direct the investment of their contributions into various investment options offered by the Plan.

**Note 1 – Description of Plan (continued)**

**Vesting** – Participants are vested immediately in their contributions plus actual earnings thereon. Vesting in the Company's discretionary matching and profit sharing contributions is based on years of continuous service. Participants vest in the Company's contributions based on the following schedule:

| Years of Service | Vesting Percentage |
|---|---|
| Less than 1 | 0% |
| 1 | 33% |
| 2 | 66% |
| 3 | 100% |

**Notes receivable from participants** – Participants may borrow from their accounts a minimum of $1,000 up to a maximum equal to the lesser of $50,000 or 50% of their vested account balance. The loans are issued by the Plan and secured by the balance in the participant's account. All loans must be repaid within a period of five years, unless the loan is used to purchase a principal residence, in which case, the loan must be repaid within a reasonable period of time not to exceed fifteen years. Under the terms of the Plan Agreement, plan loans will bear a reasonable rate of interest determined by the plan administrator. Principal and interest is paid ratably through semimonthly payroll deductions. As of December 31, 2018, the rates of interest on outstanding loans ranged from 4.25–10.25% with various maturities through November 2033.

**Payment of benefits** – On termination of service due to death, disability, or retirement, a participant may elect to receive either a lump-sum amount equal to the value of the participant's vested interest in his or her account, or annual installments. For termination of service for other reasons, a participant may receive the value of the vested interest in his or her account as a lump-sum distribution.

**Forfeitures** – Forfeitures are the non-vested portion of a participant's account that is lost upon termination of employment. Forfeitures are retained in the Plan. Forfeitures from the matching contribution account will first be used to pay plan administrative expenses, with any remaining amount used to reduce future Company contributions. Forfeitures from the profit sharing contribution account will be reallocated among the accounts of eligible participants otherwise eligible to receive an allocation of profit sharing contributions. As of December 31, 2018 and 2017, forfeited non-vested accounts totaled $479,182 and $410,163, respectively. During the year ended December 31, 2018, forfeited matching contributions of $123,228 were used for payment of plan administrative expenses and forfeitures of $364,403 were allocated among the accounts of eligible participants.

**Note 2 – Summary of Significant Accounting Policies**

**Basis of accounting** – The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America, using the accrual method of accounting.

**Note 2 – Summary of Significant Accounting Policies (continued)**

**Use of estimates** – The preparation of financial statements in conformity with generally accepted accounting principles requires the use of estimates and assumptions that may affect certain amounts and disclosures. Accordingly, actual results could differ from those estimates.

**Investment valuation** – The investments are reported at fair value. The Plan's trustee, Fidelity Management Trust Company, certifies the fair market value of all investments. If available, quoted market prices are used to value investments.

Fair value is the price that would be received to sell an asset or paid to transfer a liability (the "exit price") in an orderly transaction between market participants at the measurement date. See Note 3 for discussion of fair value measurements.

**Income recognition** – Purchases and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date. Interest income is recorded on the accrual basis. The net depreciation in fair value of investments consists of both the realized gains and losses and unrealized appreciation and depreciation of those investments.

**Notes receivable from participants** – Notes receivable from participants are measured at amortized cost, which represents unpaid principal balance plus accrued but unpaid interest. Delinquent notes receivable from participants are reclassified as distributions upon the occurrence of a distributable event, based on the terms of the Plan Agreement.

**Payment of benefits** – Benefits are recorded when paid.

**Expenses** – Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in net depreciation in fair value of investments.

**Subsequent events** – Subsequent events are events or transactions that occur after the statement of net assets available for benefits date but before the financial statements are available to be issued. The Plan recognizes in the financial statements the effects of all subsequent events that provide additional evidence about conditions that existed at the date of the statement of net assets available for benefits, including the estimates inherent in the process of preparing the financial statements. The Plan's financial statements do not recognize subsequent events that provide evidence about conditions that did not exist at the date of the statement of net assets available for benefits but arose after the statement of net assets available for benefits date and before the financial statements are available to be issued.

The Plan has evaluated subsequent events through September 26, 2019, which is the date the financial statements were available to be issued.

**Note 3 – Fair Value Measurements**

The framework for measuring fair value provides a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3).

The three levels of the fair value hierarchy are described as follows:

**Level 1** – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities the Plan has the ability to access.

**Level 2** – Inputs to the valuation methodology include quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; and inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

**Level 3** – Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation techniques used for assets measured at fair value. There have been no changes in the techniques used at December 31, 2018 and 2017.

*Registered investment companies (mutual funds)* – Valued at the daily closing price as reported by the fund. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The funds held by the Plan are deemed to be actively traded. Mutual funds held by the Plan are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission.

*Self-directed brokerage accounts* – Accounts primarily consist of mutual funds and common stocks that are valued on the basis of readily determinable market prices.

*Stable value fund* – A stable value fund that is composed primarily of fully benefit-responsive investment contracts that is valued using the net asset value practical expedient (NAV practical expedient), an estimate of fair value. This NAV practical expedient would not be used if it is determined to be probable that the Plan will sell the investment for an amount different from the reported net asset value. Participant transactions (purchases and sales) may occur daily. If the Plan initiates a full redemption of the trust, the issuer reserves the right to temporarily delay withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

**Note 3 – Fair Value Measurements (continued)**

*Collective trust* – Units held in collective trusts (CT) are valued using the net asset value practical expedient (NAV practical expedient) of the CT as reported by the CT managers. The NAV practical expedient is based on the fair value of the underlying assets owned by the CT, minus its liabilities, and then divided by the number of units outstanding.

The valuation methods used by the Plan may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table discloses the fair value hierarchy of the Plan's assets by level as of December 31, 2018 and 2017:

| | Fair Value Measurement at December 31, 2018 | | | |
|---|---|---|---|---|
| | Level 1 | Level 2 | Level 3 | Total |
| Registered investment companies | $ 430,962,825 | $ - | $ - | $ 430,962,825 |
| Self-directed brokerage account | 31,643,463 | - | - | 31,643,463 |
| Total assets in the fair value hierarchy | $ 462,606,288 | $ - | $ - | 462,606,288 |
| Investments measured at NAV (practical expedient) | | | | 514,103,324 |
| Investments at fair value | | | | $ 976,709,612 |

| | Fair Value Measurement at December 31, 2017 | | | |
|---|---|---|---|---|
| | Level 1 | Level 2 | Level 3 | Total |
| Registered investment companies | $ 451,180,374 | $ - | $ - | $ 451,180,374 |
| Self-directed brokerage account | 26,202,424 | - | - | 26,202,424 |
| Total assets in the fair value hierarchy | $ 477,382,798 | $ - | $ - | 477,382,798 |
| Investments measured at NAV (practical expedient) | | | | 514,562,409 |
| Investments at fair value | | | | $ 991,945,207 |

Gains and losses (realized and unrealized) included in changes in net assets for the period above are reported in net appreciation (depreciation) in fair value of investments in the statement of changes in net assets available for benefits.

**Note 4 – Tax Status**

The Plan Document is a volume submitter defined contribution plan that received a favorable opinion letter from the Internal Revenue Service on March 31, 2014, which stated that the Plan, as then designed, was in accordance with applicable sections of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the opinion letter, the plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

**Note 4 – Tax Status (continued)**

In accordance with guidance on accounting for uncertainty in income taxes, the plan administrator has evaluated the Plan's tax positions and does not believe the Plan has any uncertain tax positions that require disclosure or adjustment to the financial statements. The Plan is subject to routine audits by taxing jurisdictions. A routine audit for the 2016 and 2017 plan years was completed in 2019 with no material impact to financial statements.

**Note 5 – Risks and Uncertainties**

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market volatility, and credit risks. It is reasonably possible, given the level of risk associated with investment securities, that changes in the values of the investments in the near term could materially affect a participant's account balance and the amounts reported in the statement of net assets available for benefits.

**Note 6 – Information Certified by the Trustee**

The plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Fidelity Management Trust Company, the trustee of the Plan, has certified to the completeness and accuracy of:

- Investments and notes receivable from participants reflected on the accompanying statements of net assets available for benefits as of December 31, 2018 and 2017.

- Net depreciation in fair value of investments, dividends, and interest, and interest income on notes receivable from participants reflected on the accompanying statement of changes in net assets available for benefits for the year ended December 31, 2018.

- Investments reflected on the schedule of assets (held at end of year).

**Note 7 – Party-In-Interest Transactions**

Certain plan investments are managed by an affiliate of Fidelity Management Trust Company. Fidelity Management Trust Company is the trustee of the Plan and, therefore, transactions with these entities qualify as exempt party-in-interest transactions.

**Note 8 – Plan Termination**

Although it has not expressed any intent to do so, the Company has the right to terminate the Plan and discontinue its contributions at any time, subject to the provisions of ERISA. If the Plan is terminated, amounts allocated to a participant's account become fully vested.

# Supplemental Schedule
# Required by the Department of Labor

# Environmental Systems Research Institute, Inc.
# 401(k) Investment and Profit Sharing Plan
## EIN: 95-2775732
## PLAN #: 001
## Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
## December 31, 2018

| (a) | (b) Identity of issue, borrower, lessor or similar party | (c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value | (d) Cost | (e) Current value |
|---|---|---|---|---|
| * | Fidelity 500 Index | Registered Investment Company | ** | $ 102,584,767 |
| | T Rowe Price Institutional Large Cap Growth | Registered Investment Company | ** | 70,193,123 |
| | Wells Fargo Advantage Discovery Institutional | Registered Investment Company | ** | 65,222,474 |
| | Dodge & Cox Funds - Stock | Registered Investment Company | ** | 54,446,296 |
| | MFS Institutional International Equity | Registered Investment Company | ** | 35,635,922 |
| | DFA Investments Dimensions Group Inc. | Registered Investment Company | ** | 28,094,667 |
| * | Fidelity US Bond Index | Registered Investment Company | ** | 20,562,159 |
| | Dodge & Cox Funds - Income | Registered Investment Company | ** | 18,982,471 |
| * | Fidelity Spartan Extnd Mkt Idx | Registered Investment Company | ** | 17,465,674 |
| * | Fidelity Spartan Global Extended US Index | Registered Investment Company | ** | 17,157,873 |
| | Vanguard Federal Money Market | Registered Investment Company | ** | 617,399 |
| | Brokerage Link | Self-directed Investments | ** | 31,643,463 |
| | Wells Fargo | Stable Value | ** | 111,360,985 |
| | Vanguard Target Retirement 2040 | Collective Trust | ** | 68,316,669 |
| | Vanguard Target Retirement 2035 | Collective Trust | ** | 67,077,536 |
| | Vanguard Target Retirement 2030 | Collective Trust | ** | 66,133,887 |
| | Vanguard Target Retirement 2045 | Collective Trust | ** | 58,769,442 |
| | Vanguard Target Retirement 2025 | Collective Trust | ** | 56,854,366 |
| | Vanguard Target Retirement 2050 | Collective Trust | ** | 27,701,319 |
| | Vanguard Target Retirement 2020 | Collective Trust | ** | 24,864,805 |
| | Vanguard Target Retirement 2055 | Collective Trust | ** | 14,072,415 |
| | Vanguard Target Retirement 2015 | Collective Trust | ** | 9,510,029 |
| | Vanguard Target Retirement Income | Collective Trust | ** | 5,692,390 |
| | Vanguard Target Retirement 2060 | Collective Trust | ** | 3,429,477 |
| | Vanguard Target Retirement 2065 | Collective Trust | ** | 320,004 |
| * | Participant loans | Interest rates range from 4.25% to 10.25%, maturing through November 2033. | ** | 13,898,625 |
| | | | | $ 990,608,237 |

* Indicates party-in-interest.

** Information is not required as investments are participant-directed.