

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
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Part I	Annual Report Identification Information
For calendar plan year 2018 or fiscal plan year beginning <u>01/01/2018</u> and ending <u>12/31/2018</u>	
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.) ☒ 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:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)

Part II	Basic Plan Information—enter all requested information				
1a Name of plan <u>MSI 401(K)PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>001</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>05/01/1985</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>001</u>	1c Effective date of plan <u>05/01/1985</u>	
1b Three-digit plan number (PN) ▶	<u>001</u>				
1c Effective date of plan <u>05/01/1985</u>					
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) <u>MANAGEMENT SYSTEMS INTERNATIONAL</u> <u>200 12TH STREET SOUTH</u> <u>SUITE 1200</u> <u>ARLINGTON, VA 22202</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) <u>52-1215041</u></td> </tr> <tr> <td>2c Plan Sponsor's telephone number <u>202-484-7170</u></td> </tr> <tr> <td>2d Business code (see instructions) <u>541600</u></td> </tr> </table>	2b Employer Identification Number (EIN) <u>52-1215041</u>	2c Plan Sponsor's telephone number <u>202-484-7170</u>	2d Business code (see instructions) <u>541600</u>	
2b Employer Identification Number (EIN) <u>52-1215041</u>					
2c Plan Sponsor's telephone number <u>202-484-7170</u>					
2d Business code (see instructions) <u>541600</u>					

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/15/2019	KEITH BROWN
	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

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

Form 5500 (2018)
v. 171027

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name MSI 401(K) PLUS PLAN	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 409
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 291 6a(2) 279 6b 61 6c 120 6d 460 6e 0 6f 460 6g 432 6h 50
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: 2A 2E 2G 2J 2K 2T 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) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (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)** ☒ **R** (Retirement Plan Information)
- (2)** ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3)** ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☒ 1 **A** (Insurance Information)
- (4)** ☒ **C** (Service Provider Information)
- (5)** ☐ **D** (DFE/Participating Plan Information)
- (6)** ☐ **G** (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 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 A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance 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. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2018 This Form is Open to Public Inspection
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018	
A Name of plan MSI 401(K)PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 MANAGEMENT SYSTEMS INTERNATIONAL	D Employer Identification Number (EIN) 52-1215041

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier GREAT WEST LIFE & ANNUITY INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
84-0467907	68322	336010-01	40	01/01/2018	12/31/2018

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid 238	(b) Total amount of fees paid 0
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3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).
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(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid MASS MUTUAL LIFE INSURANCE COMPANY 11350 MCCORMICK RD STE 200 BUILDING #4 HUNT VALLEY, MD 21031

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
238	0	BROKER COMMISSION	3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end **4** 1434673**5** Current value of plan's interest under this contract in separate accounts at year end **5****6** Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier **6b****c** Premiums due but unpaid at the end of the year **6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. **6d**
Specify nature of costs ▶**e** Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**a** Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☒ other ▶ **GROUP ANNUITY CONTRACT****b** Balance at the end of the previous year **7b** 1272753**c** Additions: (1) Contributions deposited during the year **7c(1)** 180422
(2) Dividends and credits **7c(2)** 0
(3) Interest credited during the year **7c(3)** 15294
(4) Transferred from separate account **7c(4)** 1435467
(5) Other (specify below) **7c(5)** 92847▶ **LOAN REPAYMENTS, FORFEITURES**(6) Total additions **7c(6)** 1724030**d** Total of balance and additions (add lines **7b** and **7c(6)**) **7d** 2996783**e** Deductions:
(1) Disbursed from fund to pay benefits or purchase annuities during year **7e(1)** 62643
(2) Administration charge made by carrier **7e(2)** -31249
(3) Transferred to separate account **7e(3)** 1530718
(4) Other (specify below) **7e(4)** 0(5) Total deductions **7e(5)** 1562112**f** Balance at the end of the current year (subtract line **7e(5)** from line **7d**) **7f** 1434671

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received.....	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	0
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees.....	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses.....	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.....	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

<div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	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 MSI 401(K)PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 MANAGEMENT SYSTEMS INTERNATIONAL	D Employer Identification Number (EIN) 52-1215041	

Part I	Service Provider Information (see instructions)
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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)..... ☐ 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
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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)

GREAT-WEST LIFE & ANNUITY INSURANCE

8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

(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?
64	RECORDKEEPER	68231	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

CBIZ BENEFITS AND INSURANCE SERVICE

PO BOX 632886
CINCINNATI, OH 45263-2886

(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?
13	CONTRACT ADMIN	9689	Yes ☒ No ☐	Yes ☐ No ☒	10000	Yes ☐ No ☒

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

MASS MUTUAL LIFE INS COMPANY

PO BOX 8089
BOSTON, MA 02266-8089

(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?
55	BROKER/ADVISOR	0	Yes ☒ No ☐	Yes ☐ No ☒	5262	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)

(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 ☐

(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 ☐

(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
CBIZ BENEFITS AND INSURANCE SERVICE	13	10000
(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.	
GREAT-WEST LIFE & ANNUITY INSURANCE 8515 EAST ORCHARD ROAD GREENWOOD VILLAGE, CO 80111	TPA ALLOWANCE PAYMENT	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASS MUTUAL LIFE INS COMPANY	55	5262
(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.	
GREAT-WEST LIFE & ANNUITY INSURANCE 8515 EAST ORCHARD ROAD GREENWOOD VILLAGE, CO 80111	OTHER COMMISSIONS	
(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
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(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 H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 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 MSI 401(K)PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 MANAGEMENT SYSTEMS INTERNATIONAL	D Employer Identification Number (EIN) 52-1215041	

Part I	Asset and Liability Statement		(a) Beginning of Year	(b) End of Year
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	Total noninterest-bearing cash	1a		
b	Receivables (less allowance for doubtful accounts):			
	(1) Employer contributions	1b(1)	1618791	1446525
	(2) Participant contributions	1b(2)		
	(3) Other	1b(3)		
c	General investments:			
	(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
	(2) U.S. Government securities	1c(2)		
	(3) Corporate debt instruments (other than employer securities):			
	(A) Preferred	1c(3)(A)		
	(B) All other	1c(3)(B)		
	(4) Corporate stocks (other than employer securities):			
	(A) Preferred	1c(4)(A)		
	(B) Common	1c(4)(B)		
	(5) Partnership/joint venture interests	1c(5)		
	(6) Real estate (other than employer real property)	1c(6)		
	(7) Loans (other than to participants)	1c(7)		
	(8) Participant loans	1c(8)	305591	424573
	(9) Value of interest in common/collective trusts	1c(9)		
	(10) Value of interest in pooled separate accounts	1c(10)		
	(11) Value of interest in master trust investment accounts	1c(11)		
	(12) Value of interest in 103-12 investment entities	1c(12)		
	(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	33034197	31715820
	(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	1272755	1434673
	(15) Other	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(1)	Employer securities	1d(1)	
(2)	Employer real property	1d(2)	
e	Buildings and other property used in plan operation	1e	
f	Total assets (add all amounts in lines 1a through 1e)	1f	36231334 35021591
Liabilities			
g	Benefit claims payable	1g	
h	Operating payables	1h	
i	Acquisition indebtedness	1i	
j	Other liabilities	1j	
k	Total liabilities (add all amounts in lines 1g through 1j)	1k	0 0
Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	36231334 35021591

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.

		(a) Amount	(b) Total
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	1714903
	(B) Participants	2a(1)(B)	2041550
	(C) Others (including rollovers)	2a(1)(C)	100771
(2)	Noncash contributions	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)	3857224
b	Earnings on investments:		
(1)	Interest:		
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	
	(B) U.S. Government securities	2b(1)(B)	
	(C) Corporate debt instruments	2b(1)(C)	
	(D) Loans (other than to participants)	2b(1)(D)	
	(E) Participant loans	2b(1)(E)	23972
	(F) Other	2b(1)(F)	
	(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)	23972
(2)	Dividends: (A) Preferred stock	2b(2)(A)	
	(B) Common stock	2b(2)(B)	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	
	(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)	0
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	0
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		-1622479
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		2258717

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	3424875	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		3424875
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)	43585	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		43585
j Total expenses. Add all expense amounts in column (b) and enter total	2j		3468460

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-1209743
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(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: ELLIN & TUCKER, CHARTERED

(2) EIN: 52-0959934

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:

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.).....

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.)

	Yes	No	Amount
4a		X	
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		500000
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			

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

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

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

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

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</div> <div>▶ File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2018</div> <div>This Form is Open to Public Inspection.</div>
For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018		
A Name of plan MSI 401(K)PLAN		B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 MANAGEMENT SYSTEMS INTERNATIONAL		D Employer Identification Number (EIN) 52-1215041
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s):		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? Yes No N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month Day Year If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)		6a
b Enter the amount contributed by the employer to the plan for this plan year		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? Yes No N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? Yes No N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. Increase Decrease Both No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? Yes No		
11 a Does the ESOP hold any preferred stock? Yes No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) Yes No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market? Yes No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2018 v. 171027		

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

b The plan year immediately preceding the current plan year

c The second preceding plan year

14a**14b****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

b The corresponding number for the second preceding plan year

15a**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

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

16a**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):

ELLIN & TUCKER

**MSI 401(k) PLAN
FINANCIAL STATEMENTS
DECEMBER 31, 2018 AND 2017**



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INDEPENDENT AUDITORS' REPORT

To the Plan Administrator of
MSI 401(k) Plan

REPORT ON THE FINANCIAL STATEMENTS

We were engaged to audit the accompanying financial statements of MSI 401(k) Plan (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.

AUDITORS' 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 Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Great-West Life and Annuity Insurance Company, the Custodian of the Plan, except for comparing the information with the related information included in the financial statements. We have been informed by the Plan Administrator that the Custodian holds the Plan's investment assets and executes investment transactions. The Plan Administrator has obtained a certification from the Custodian 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 Custodian 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.

INDEPENDENT AUDITORS' REPORT, CONTINUED**OTHER MATTER**

The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2018 is required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, 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 the supplemental schedule referred to above.

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 Custodian, 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 Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.



ELLIN & TUCKER
Certified Public Accountants

Baltimore, Maryland
October 14, 2019

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

MSI 401(k) Plan

December 31, 2018 and 2017

	2018	2017
ASSETS		
Investments:		
Investments at Contract Value (Notes 3 and 5)	\$ 1,434,672	\$ 1,272,755
Investments at Fair Value (Notes 3 and 4)	31,715,821	33,034,195
Total Investments	33,150,493	34,306,950
Receivables:		
Contributions	1,446,525	1,618,791
Notes Receivable from Participants	424,573	305,591
Total Receivables	1,871,098	1,924,382
Net Assets Available for Benefits	\$ 35,021,591	\$ 36,231,332

(See Independent Auditors' Report and Accompanying Notes)

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

MSI 401(k) Plan

For the Year Ended December 31, 2018

ADDITIONS

Interest Income on Notes Receivable from Participants	\$ 23,974
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Contributions:

Employer	1,714,903
----------	-----------

Participant	2,041,550
-------------	-----------

Rollovers	100,771
-----------	---------

Total Contributions	3,857,224
---------------------	-----------

Total Additions	3,881,198
-----------------	-----------

DEDUCTIONS

Distributions to Participants	3,424,875
-------------------------------	-----------

Net Depreciation in Fair Value of Investments	1,622,479
---	-----------

Administrative Expenses	43,585
-------------------------	--------

Total Deductions	5,090,939
------------------	-----------

Net Change	(1,209,741)
------------	-------------

NET ASSETS AVAILABLE FOR BENEFITS - BEGINNING OF YEAR	36,231,332
---	------------

NET ASSETS AVAILABLE FOR BENEFITS - END OF YEAR	\$ 35,021,591
---	---------------

	\$ -
--	------

(See Independent Auditors' Report and Accompanying Notes)

NOTE 1 **DESCRIPTION OF PLAN**

The following brief description of the MSI 401(k) Plan (Plan) is provided for general information purposes only. Participants should refer to the Plan agreement for more complete information.

GENERAL

The Plan is a defined contribution plan covering all employees of Management Systems International, Inc. (Company), who are age 18 or older, have completed 30 days of service, and are not excluded employees, as defined, for the purposes of deferral and employer match contributions only. For the purpose of employer safe harbor nonelective and employer profit sharing, employees must be age 18 or older and have completed six months of service. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Effective January 1, 2017, the Plan changed its name to MSI 401(k) Plan, and the MSI 401(k) Basic Plan was merged into the Plan.

CONTRIBUTIONS

Each year, participants may contribute up to 100% of their annual compensation, as defined in the Plan, subject to certain annual limitations in the Internal Revenue Code. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants also may contribute amounts representing distributions from other qualified defined benefit or defined contribution plans.

For the year ended December 31, 2018, the Company elected to make a safe harbor qualified non-elective contribution equal to 3% of compensation, as defined by the Plan, for all active participants employed by Management Systems International, Inc. The Company also may make discretionary matching contributions and discretionary profit sharing contributions for the benefit of all eligible participants in amounts determined by the Company. The matching contribution is equal to a uniform percentage of each participant's salary deferrals. The total discretionary matching contribution each year is limited to 4% of the participant's annual compensation for a safe harbor year. For the year ended December 31, 2018, the matching percentage was 25% of the first 5% of each participant's compensation. Participants who are employed on the last day of the Plan year are eligible to receive Company discretionary profit sharing contributions. The Company's discretionary profit sharing contribution was approximately \$836,000 for the year ended December 31, 2018. Contributions are subject to certain limitations. Employees of Coffey USA, Inc. and Coffey International Development, Inc. are not eligible to receive the discretionary profit sharing or safe harbor contributions.

(See Independent Auditors' Report)

PARTICIPANT ACCOUNT

Each participant's account is credited with the participant's contribution and allocations of (a) the Company's contributions, (b) Plan earnings, and (c) forfeitures of terminated participants' nonvested accounts and charged with an allocation of administrative expenses. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

NOTES RECEIVABLE FROM PARTICIPANTS

Participants may borrow up to 50% of their vested account balances not to exceed \$50,000. Participants may have no more than three loans outstanding at any time. Loans bear interest at a rate commensurate with local prevailing rates as determined by the Plan Administrator.

VESTING

Years of service are defined as a minimum of 1,000 hours worked per calendar year. Participants are immediately vested in their contributions and employer safe harbor contributions, plus actual earnings thereon. Vesting in employer matching and discretionary profit sharing contributions is based on years of service. Participants are 50% vested after one of year of service, vest 25% for each additional year of service, and become 100% vested in all contributions after three years of service.

PAYMENT OF BENEFITS

Upon termination of service due to death, disability, or retirement, a participant may elect to receive an amount equal to the value of the participant's vested interest in his or her account. Distributions may be in the form of a lump-sum, single life, or joint and survivor annuity for balances attributable to the Plan. The Plan provides for automatic rollovers to individual retirement accounts for benefits of at least \$1,000 but less than \$5,000, unless another form of benefit is elected. In addition, participants that cease to be eligible for the Plan and become eligible for the Basic Plan will have their account balances transferred to the Basic Plan.

FORFEITED ACCOUNTS

Each year, forfeitures are reallocated to eligible participants in the proportion of their eligible compensation to total eligible compensation of all participants. At December 31, 2018 and 2017, forfeited nonvested accounts totaled approximately \$274,000 and \$201,000, respectively. For the year ended December 31, 2018, forfeitures totaling approximately \$50,029 were allocated to participants.

(See Independent Auditors' Report)

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

ACCOUNTING STANDARDS CODIFICATION

All references in the financial statements to the Codification refer to the Accounting Standards Codification and the Hierarchy of Generally Accepted Accounting Principles (GAAP) issued by the Financial Accounting Standards Board. The Codification is the single source of authoritative GAAP in the United States.

BASIS OF ACCOUNTING

The accompanying financial statements are prepared on the accrual basis of accounting.

USE OF ESTIMATES

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

VALUATION OF INVESTMENTS

Investments are stated at fair value, except for fully benefit-responsive investment contracts which are reported at contract value. See Note 4 for a discussion of fair value measurements.

NOTES RECEIVABLE FROM PARTICIPANTS

Notes receivable from participants are carried at their unpaid principal balance plus accrued interest. Delinquent participant loans are reclassified as distributions based upon the terms of the Plan document.

PAYMENT OF BENEFITS

Benefits are recorded when paid.

ADMINISTRATIVE EXPENSES

Administrative expenses include direct fees paid from the Plan assets. In addition, the Company pays certain Plan expenses and provides services to the Plan without charge.

(See Independent Auditors' Report)

RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term, and such changes could materially affect participants' account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

SUBSEQUENT EVENTS

The Plan has evaluated subsequent events and transactions for potential recognition or disclosure in the financial statements through October 14, 2019, the date the financial statements were available to be issued.

NOTE 3 INFORMATION CERTIFIED BY THE CUSTODIAN

The Plan's investments are held by the Custodian, Great-West Life and Annuity Insurance Company, at December 31, 2018 and 2017. Financial information related to those investments is included in the accompanying financial statements based on information provided by the Custodian. That information, which has not been audited by independent auditors, is summarized below. The Plan's investments are as follows:

	<u>2018</u>	<u>2017</u>
Guaranteed Interest Account	\$ 1,434,672	\$ 1,272,755
Mutual Funds	<u>31,715,821</u>	<u>33,034,195</u>
Total Investments	<u>\$ 33,150,493</u>	<u>\$ 34,306,950</u>

During 2018, certified investment loss consisted of the following:

Net Depreciation in Fair Value of Investments	\$ (1,622,479)
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NOTE 4 VALUATION OF INVESTMENTS

The Fair Value Measurements and Disclosures Topic of the Codification establishes a hierarchal disclosure framework, which prioritizes and ranks the level of market price observability used in measuring investments and other financial instruments at fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described below:

(See Independent Auditors' Report)

- Level 1 Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that 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;
- 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's 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 used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

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

Mutual Funds: Valued at the net asset value (NAV) of shares held by the Plan at year end. NAV is based on the value of the underlying assets owned by the fund, minus its liabilities, and then divided by the number of shares outstanding. NAV is a quoted price in an active market. These assets are classified as Level 1 within the fair value hierarchy.

The method described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation method is 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.

(See Independent Auditors' Report)

NOTE 5 **GUARANTEED INTEREST ACCOUNT**

The Plan has an investment in the Great-West Life and Annuity Insurance Company Key Guaranteed Portfolio Fund which is a benefit-responsive investment contract and, therefore, reported at contract value. Contract value, as reported to the Plan by Great-West Life and Annuity Insurance Company, represents contributions made under the fund, plus earnings, less participants' withdrawals and administrative expense. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

There are no reserves against contract value for credit risk of the contract issuer or otherwise. Certain events limit the Plan's ability to transact at contract value with Great-West Life and Annuity Insurance Company. Such events include the following: (a) amendments to the Plan documents (including complete or partial Plan termination or merger with another plan), (b) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (c) bankruptcy of the Plan sponsor or other Plan sponsor events (for example, divestitures or spin-offs of a subsidiary) that cause a significant withdrawal from the Plan, or (d) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA. Furthermore, certain events would allow the issuer to terminate the contract with the Plan and settle at an amount different from contract value. Examples of such events include (a) an uncured breach of the Plan's investment guidelines, (b) a material amendment to the contract without the issuer's consent, (c) a violation of a material obligation under the contract, or (d) a material misrepresentation. The Plan Administrator does not believe any events that would limit the Plan's ability to transact at contract value with Plan participants or the issuer are probable of occurring.

The guaranteed investment contract does not permit the insurance company to terminate the agreement prior to the scheduled maturity date.

NOTE 6 **PLAN TERMINATION**

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts. Any unallocated assets of the Plan shall be allocated to participant accounts and distributed in accordance with the provisions of the Plan.

NOTE 7 **TAX STATUS**

The Plan adopted a volume submitter plan developed by SunGard Corbel. The volume submitter plan has received an opinion letter from the Internal Revenue Service dated March 31, 2014, as to the prototype plan's qualified status. The Plan has since been

(See Independent Auditors' Report)

amended and restated. The Plan Administrator believes the Plan is designed and being operated in compliance with the applicable provisions of the Internal Revenue Code.

GAAP requires Plan management to evaluate uncertain tax positions for recognition in the financial statements. The Plan Administrator has concluded there were no uncertain tax positions as of December 31, 2018.

NOTE 8 **RELATED PARTY TRANSACTIONS**

Certain Plan investments are managed by the Custodian of the Plan. These transactions qualify as party-in-interest transactions. The Plan pays investment management and recordkeeping fees to parties-in-interest. The Plan paid approximately \$44,000 to parties-in-interest for the year ended December 31, 2018. These party-in-interest transactions are exempt from the prohibited transaction rules of ERISA.

In addition, administrative fees were paid indirectly through revenue sharing and are included in the change in fair value of investments.

(See Independent Auditors' Report)

SUPPLEMENTARY INFORMATION

A Name of Plan
MSI 401(k) Plan

B Three-digit Plan Number **001**

C Plan sponsor's name as shown on Line
2a of Form 5500
Management Systems International, Inc.

D Employer Identification # **52-1215041**

E As of **December 31, 2018**

SCHEDULE H, LINE 4I – SCHEDULE OF ASSETS (HELD AT END OF YEAR)

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Par or Maturity Value	(d) Cost	(e) Current Value
	Alliance Bernstein	Alliance Bernstein Global Bond Advanced		\$ 298,930
	American Funds	American Funds American Balanced		3,047,049
	American Funds	American Funds Europacific Growth		187,313
	American Funds	American Funds Washington Mutual		2,269,722
	Baron Partners	Baron Small Cap Institutional		570,571
	Calvert	Calvert Bond		209,522
	Calvert	Calvert Equity		681,055
	Goldman Sachs	Goldman Sachs Small Cap Value		453,896
*	Great-West Financial	Key Guaranteed Portfolio Fund		1,434,672
	Harbor	Harbor International Institutional		330,668
	Janus Enterprises	Janus Enterprises		938,906
	Loomis Sayles	Loomis Sayles Strategic Income Fund		302,846
	Mutual Global	Franklin Mutual Global Discovery		464,652
	Oppenheimer	Oppenheimer Global Fund		1,488,293
	Pimco	Pimco Real Return Institutional		224,172
	Pimco	Pimco Total Return Fund		598,011
	T. Rowe Price	T. Rowe Price Blue Chip Growth Fund		4,089,036
	T. Rowe Price	T. Rowe Price Equity Income Fund		802,999
	Vanguard	Vanguard 500 Index Signal		2,359,698
	Vanguard	Vanguard Growth Index Signal		247,061
	Vanguard	Vanguard Mid Cap Index Fund Signal		329,089
	Vanguard	Vanguard Reit Index Signal		158,407
	Vanguard	Vanguard Selected Value Investment		373,300
	Vanguard	Vanguard Small Cap Index Signal		338,707
	Vanguard	Vanguard Target Retirement 2015 Investment		490,860
	Vanguard	Vanguard Target Retirement 2020 Investment		1,429,058
	Vanguard	Vanguard Target Retirement 2025 Investment		788,288
	Vanguard	Vanguard Target Retirement 2030 Investment		1,457,439
	Vanguard	Vanguard Target Retirement 2035 Investment		1,302,007
	Vanguard	Vanguard Target Retirement 2055 Investment		646,021
	Vanguard	Vanguard Target Retirement 2040 Investment		1,318,363

(See Independent Auditors' Report)

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E As of **December 31, 2018**

SCHEDULE H, LINE 4I – SCHEDULE OF ASSETS (HELD AT END OF YEAR), CONTINUED

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Par or Maturity Value	(d) Cost	(e) Current Value
	Vanguard	Vanguard Target Retirement 2045 Investment		1,171,362
	Vanguard	Vanguard Target Retirement 2050 Investment		1,490,687
	Vanguard	Vanguard Target Retirement Income Investment		356,534
	Vanguard	Vanguard Total Bond Market Index Signal		296,563
	Wells Fargo	Wells Fargo Advantage Emerging Market Equities		204,736
*	Notes Receivable from Participants	Interest rates ranging from 4.25% to 7.25%; maturity dates through May 2047		424,573
	Total			\$ 33,575,066

* Party-in-Interest

(See Independent Auditors' Report)

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E As of **December 31, 2018**

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(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Par or Maturity Value	(d) Cost	(e) Current Value
	Alliance Bernstein	Alliance Bernstein Global Bond Advanced		\$ 298,930
	American Funds	American Funds American Balanced		3,047,049
	American Funds	American Funds Europacific Growth		187,313
	American Funds	American Funds Washington Mutual		2,269,722
	Baron Partners	Baron Small Cap Institutional		570,571
	Calvert	Calvert Bond		209,522
	Calvert	Calvert Equity		681,055
	Goldman Sachs	Goldman Sachs Small Cap Value		453,896
*	Great-West Financial	Key Guaranteed Portfolio Fund		1,434,672
	Harbor	Harbor International Institutional		330,668
	Janus Enterprises	Janus Enterprises		938,906
	Loomis Sayles	Loomis Sayles Strategic Income Fund		302,846
	Mutual Global	Franklin Mutual Global Discovery		464,652
	Oppenheimer	Oppenheimer Global Fund		1,488,293
	Pimco	Pimco Real Return Institutional		224,172
	Pimco	Pimco Total Return Fund		598,011
	T. Rowe Price	T. Rowe Price Blue Chip Growth Fund		4,089,036
	T. Rowe Price	T. Rowe Price Equity Income Fund		802,999
	Vanguard	Vanguard 500 Index Signal		2,359,698
	Vanguard	Vanguard Growth Index Signal		247,061
	Vanguard	Vanguard Mid Cap Index Fund Signal		329,089
	Vanguard	Vanguard Reit Index Signal		158,407
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	Vanguard	Vanguard Target Retirement 2015 Investment		490,860
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	Vanguard	Vanguard Target Retirement 2030 Investment		1,457,439
	Vanguard	Vanguard Target Retirement 2035 Investment		1,302,007
	Vanguard	Vanguard Target Retirement 2055 Investment		646,021
	Vanguard	Vanguard Target Retirement 2040 Investment		1,318,363

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E As of **December 31, 2018**

SCHEDULE H, LINE 4I – SCHEDULE OF ASSETS (HELD AT END OF YEAR), CONTINUED

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Par or Maturity Value	(d) Cost	(e) Current Value
	Vanguard	Vanguard Target Retirement 2045 Investment		1,171,362
	Vanguard	Vanguard Target Retirement 2050 Investment		1,490,687
	Vanguard	Vanguard Target Retirement Income Investment		356,534
	Vanguard	Vanguard Total Bond Market Index Signal		296,563
	Wells Fargo	Wells Fargo Advantage Emerging Market Equities		204,736
*	Notes Receivable from Participants	Interest rates ranging from 4.25% to 7.25%; maturity dates through May 2047		424,573
	Total			\$ 33,575,066

* Party-in-Interest

(See Independent Auditors' Report)