

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 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2012</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2012 or fiscal plan year beginning <u>01/01/2012</u> and ending <u>12/31/2012</u>	
A This return/report is for:	☐ a multiemployer plan; ☐ a multiple-employer plan; or ☒ 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>FIDELITY ENGINEERING CORPORATION 401(K) AND PROFIT</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>01/01/1981</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>001</u>	1c Effective date of plan <u>01/01/1981</u>	
1b Three-digit plan number (PN) ▶	<u>001</u>				
1c Effective date of plan <u>01/01/1981</u>					
2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan) <u>FIDELITY ENGINEERING CORPORATION</u> <u>25 LOVETON CIRCLE</u> <u>SPARKS, MD 21152</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) <u>52-0557267</u></td> </tr> <tr> <td>2c Sponsor's telephone number <u>410-771-9400</u></td> </tr> <tr> <td>2d Business code (see instructions) <u>238220</u></td> </tr> </table>	2b Employer Identification Number (EIN) <u>52-0557267</u>	2c Sponsor's telephone number <u>410-771-9400</u>	2d Business code (see instructions) <u>238220</u>	
2b Employer Identification Number (EIN) <u>52-0557267</u>					
2c Sponsor's telephone number <u>410-771-9400</u>					
2d Business code (see instructions) <u>238220</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. Signature of plan administrator	<u>09/30/2013</u> Date	<u>WAYNE P ALDRIDGE</u> 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
Preparer's name (including firm name, if applicable) and address; include room or suite number. (optional)			Preparer's telephone number (optional)

3a Plan administrator's name and address ☒ Same as Plan Sponsor Name ☐ Same as Plan Sponsor Address		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name		4b EIN 4c PN
5 Total number of participants at the beginning of the plan year		5 390
6 Number of participants as of the end of the plan year (welfare plans complete only lines 6a , 6b , 6c , and 6d).		
a Active participants.....	6a 365	
b Retired or separated participants receiving benefits.....	6b 0	
c Other retired or separated participants entitled to future benefits.....	6c 27	
d Subtotal. Add lines 6a , 6b , and 6c	6d 392	
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.....	6e 0	
f Total. Add lines 6d and 6e	6f 392	
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....	6g 214	
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6h 3	
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 2J 2F 2G 2K 3D 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) ☒ <u>1</u> A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

SCHEDULE A (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <hr/> <small>Department of Labor Employee Benefits Security Administration</small> <hr/> <small>Pension Benefit Guaranty Corporation</small>	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 <hr/> 2012 <hr/> This Form is Open to Public Inspection
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For calendar plan year 2012 or fiscal plan year beginning **01/01/2012** and ending **12/31/2012**

A Name of plan FIDELITY ENGINEERING CORPORATION 401(K) AND PROFIT	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 FIDELITY ENGINEERING CORPORATION	D Employer Identification Number (EIN) 52-0557267	

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

MASSACHUSETTS MUTUAL LIFE 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
04-1590850	65935	SF 8613	392	01/01/2012	12/31/2012

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	(b) Total amount of fees paid
38365	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

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

LOCKTON FINANCIAL ADVISORS LLC
 444 W 47TH ST STE 900
 KANSAS CITY, MO 64112

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
38365			1

(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	
5 Current value of plan's interest under this contract in separate accounts at year end	5	6135692

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. Specify nature of costs ▶	6d	

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	5758507
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c Additions: (1) Contributions deposited during the year	7c(1)	1145055	
(2) Dividends and credits	7c(2)	0	
(3) Interest credited during the year	7c(3)	144888	
(4) Transferred from separate account	7c(4)	0	
(5) Other (specify below)	7c(5)	204975	

▶ LN INT, LN PRIN, LOAN DEFAULT, TRAN

(6) Total additions	7c(6)	1494918
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d Total of balance and additions (add lines 7b and 7c(6))	7d	7253425
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	117175	
(2) Administration charge made by carrier	7e(2)	13818	
(3) Transferred to separate account	7e(3)	1489027	
(4) Other (specify below)	7e(4)	136650	

▶ LN DISTRIB

(5) Total deductions	7e(5)	1756670
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f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	5496755
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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)	
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)	
(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)	
(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. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider 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
		2012
		This Form is Open to Public Inspection.

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan <u>FIDELITY ENGINEERING CORPORATION 401(K) AND PROFIT</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>FIDELITY ENGINEERING CORPORATION</u>	D Employer Identification Number (EIN) <u>52-0557267</u>

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)..... ☒ 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
MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

(b) Enter name and EIN or address of person who provided you disclosure 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)

MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

(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?
52 60 63 64 67 68 72	CONTRACT ADMINISTRATOR	29556	Yes ☒ No ☐	Yes ☒ No ☐	0	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 ☐

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	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.
SEL BLUE CHIP GR III T. ROWE PRICE 02-0769953	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	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.
SEL SM CAP VAL EQ WLGN/BRWHNLY 02-0769954	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	67	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.
SAGIC 8613 04-1590850	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">(d) Enter name and EIN (address) of source of indirect compensation</p> <p>PREMIER INT'L EQUITY OFI INST</p> <p>04-3212044</p> </div> <div style="width: 40%;"> <p style="text-align: center;">(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p style="text-align: center;">(b) Service Codes (see instructions)</p> <p style="text-align: center;">60</p> </div> <div style="width: 20%;"> <p style="text-align: center;">(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">(d) Enter name and EIN (address) of source of indirect compensation</p> <p>EQUITY & INCOME OAKMARK</p> <p>04-3276558</p> </div> <div style="width: 40%;"> <p style="text-align: center;">(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p style="text-align: center;">(b) Service Codes (see instructions)</p> <p style="text-align: center;">72</p> </div> <div style="width: 20%;"> <p style="text-align: center;">(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">(d) Enter name and EIN (address) of source of indirect compensation</p> <p>MM S&P 500 INDEX NORTHERN TRUST</p> <p>04-3410047</p> </div> <div style="width: 40%;"> <p style="text-align: center;">(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	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.	
SEL SM CP GR W&R/WLLNGTN/TMBRLN 04-3464205	BASIS POINTS * PLAN ASSETS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	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.	
SEL GR OPPORTNTS SANDS/DELAWARE 04-3512589	BASIS POINTS * PLAN ASSETS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	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.	
SEL LARGE CAP VAL COLUMBIA/HUBER 04-3513019	BASIS POINTS * PLAN ASSETS	

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>PREMIER HIGH YIELD BABSON</p> <p>04-3520009</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">60</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>GROWTH MFS</p> <p>04-6551722</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">60</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>GROWTH EQUITY PREMIER GE</p> <p>06-1495705</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	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.
GLOBAL STRATEGIC INCOME II OFI 13-6918880	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	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.
BOND INDEX NORTHERN 20-8294681	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	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.
SMALL CAP INDEX NORTHERN 39-1882210	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>SEL MID CAP VAL NFJ/SYSTEMATIC</p> <p>42-1710935</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">72</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>PREMIER GLOBAL OFI</p> <p>51-0529334</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">60</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>RETIREMENT 2055 T. ROWE PRICE</p> <p>51-0612048</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>GROWTH AMERICA AMERICAN</p> <p>52-0792143</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">60</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>MID CAP INDEX NORTHERN</p> <p>56-2496730</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">60</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>RETIREMENT 2015 T. ROWE PRICE</p> <p>65-1218396</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0
(d) Enter name and EIN (address) of source of indirect compensation RETIREMENT 2025 T. ROWE PRICE 65-1218398		
(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. BASIS POINTS * PLAN ASSETS		
(a) Enter service provider name as it appears on line 2 MASSACHUSETTS MUTUAL LIFE INS. CO.		
(b) Service Codes (see instructions)		
(c) Enter amount of indirect compensation		
(d) Enter name and EIN (address) of source of indirect compensation RETIREMENT 2035 T. ROWE PRICE 65-1218399		
(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. BASIS POINTS * PLAN ASSETS		
(a) Enter service provider name as it appears on line 2 MASSACHUSETTS MUTUAL LIFE INS. CO.		
(b) Service Codes (see instructions)		
(c) Enter amount of indirect compensation		
(d) Enter name and EIN (address) of source of indirect compensation RETIREMENT 2045 T. ROWE PRICE 65-1253987		
(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. BASIS POINTS * PLAN ASSETS		

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	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 BEACON LARGE CAP VALUE FD 75-2161801	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	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.
CORE GROWTH THORNBURG 85-0474953	BASIS POINTS * PLAN ASSETS

(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) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2012 This Form is Open to Public Inspection.
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For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan <u>FIDELITY ENGINEERING CORPORATION 401(K) AND PROFIT</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>FIDELITY ENGINEERING CORPORATION</u>	D Employer Identification Number (EIN) <u>52-0557267</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-CI CORE GROWTH</u>			
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>			
c EIN-PN <u>04-1590850-411</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>329895</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-DH PREMIER HIGH YIELD</u>			
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>			
c EIN-PN <u>04-1590850-274</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>411096</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-EO RETIREMENT 2025</u>			
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>			
c EIN-PN <u>90-0342299-185</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>876</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-FO RETIREMENT 2035</u>			
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>			
c EIN-PN <u>90-0342299-189</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>35347</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-GA SEL BLUE CHIP GR III</u>			
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>			
c EIN-PN <u>04-1590850-398</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-GB SEL SM CAP VAL EQ</u>			
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>			
c EIN-PN <u>04-1590850-393</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>723013</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-GW GROWTH AMERICA</u>			
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>			
c EIN-PN <u>04-1590850-418</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>	

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-I PREMIER INT'L EQUITY		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-044	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 931628
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-J SEL LARGE CAP VAL		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-045	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-MP SEL MID CAP VAL		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-443	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 68930
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-N9 GLOBAL STRATEGIC INCOME II		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-076	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-ND PREMIER GLOBAL		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-079	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 181964
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-QI MID CAP INDEX		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 90-0342299-157	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 23777
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-QV SMALL CAP INDEX		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 90-0342299-164	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 230
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-QW BOND INDEX		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 90-0342299-217	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 873
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-RL GROWTH EQUITY PREMIER		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-366	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 491708
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SC SEL SM CP GR		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-105	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 397218

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SD SEL GR OPPORTNTS**b** Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-106	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 361579
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a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-VA EQUITY & INCOME**b** Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-430	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 846827
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a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-WP GROWTH**b** Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-132	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 629617
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a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-X MM S&P 500 INDEX**b** Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-133	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 701114
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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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
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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) <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.	OMB No. 1210-0110 2012 This Form is Open to Public Inspection
For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012		
A Name of plan FIDELITY ENGINEERING CORPORATION 401(K) AND PROFIT		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 FIDELITY ENGINEERING CORPORATION		D Employer Identification Number (EIN) 52-0557267

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)		
	(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)	329359	422495
	(9) Value of interest in common/collective trusts.....	1c(9)	0	0
	(10) Value of interest in pooled separate accounts.....	1c(10)	5265029	6135692
	(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)	0	0
	(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	5758507	5496755
	(15) Other	1c(15)	0	1272088

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(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	11352895	13327030

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	11352895	13327030
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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)	254100	
(B) Participants	2a(1)(B)	890954	
(C) Others (including rollovers)	2a(1)(C)	0	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1145054
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)	18882	
(F) Other	2b(1)(F)	144888	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		163770
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	0	
(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)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		884659
(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)		0
c Other income.....	2c		22250
d Total income. Add all income amounts in column (b) and enter total.....	2d		2215733

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	209587	
(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)		209587
f Corrective distributions (see instructions)	2f		2455
g Certain deemed distributions of participant loans (see instructions).....	2g		0
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	4920	
(3) Investment advisory and management fees	2i(3)	24011	
(4) Other	2i(4)	625	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		29556
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		241598

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d.....	2k		1974135
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: **STEGMAN & COMPANY**

(2) EIN: **52-0947747**

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.)		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.).....		X	
e Was this plan covered by a fidelity bond?.....	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?		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?		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?		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.).....	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.).....	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?.....		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.).....		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.			

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

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)

Part V Trust Information (optional)

6a Name of trust

6b Trust's EIN

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 section 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 2012 This Form is Open to Public Inspection.
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For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan <u>FIDELITY ENGINEERING CORPORATION 401(K) AND PROFIT</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>FIDELITY ENGINEERING CORPORATION</u>	D Employer Identification Number (EIN) <u>52-0557267</u>

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

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

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	<u>0</u>
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): <u>04-1590850</u>		
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
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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
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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): _____

FIDELITY ENGINEERING CORPORATION
401(k) AND PROFIT SHARING PLAN

REPORT ON AUDITS OF
FINANCIAL STATEMENTS

FOR THE YEARS ENDED
DECEMBER 31, 2012 AND 2011

No extracts from this report may be published without our written consent.

Stegman & Company

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Schedule of Assets (Held at End of Year) - Schedule H

11

INDEPENDENT AUDITORS' REPORT

The Trustees
Fidelity Engineering Corporation 401(k) and Profit Sharing Plan
Sparks, Maryland

Report on Financial Statements

We were engaged to audit the accompanying financial statements of Fidelity Engineering Corporation 401(k) and Profit Sharing Plan (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2012 and 2011 and the related statement of changes in net assets available for benefits for the year ended December 31, 2012, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Plan 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 audit 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 investment information summarized in Note 7, which was certified by the State Street Bank and Trust Company, the trustee of the Plan, except for comparing the information with the related information included in the financial statements and supplemental schedules. 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 a certification from the trustee as of and for the years ended December 31, 2012 and 2011, 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

We were engaged for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedule (Schedule of Assets Held at End of Year) as of or for the year ended December 31, 2012 is required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 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 schedules.

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

Stegman & Company

Baltimore, Maryland
August 21, 2013

FIDELITY ENGINEERING CORPORATION
401(k) AND PROFIT SHARING PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2012 AND 2011

	<u>2012</u>	<u>2011</u>
ASSETS:		
Investments - at fair value:		
Pooled separate accounts	\$ 7,407,780	\$ 5,265,029
Guaranteed investment contract	<u>5,681,822</u>	<u>5,771,233</u>
Total investments	<u>13,089,602</u>	<u>11,036,262</u>
Receivables:		
Participant contributions	-	28,720
Employer contributions	-	6,282
Notes receivable from participants	<u>422,495</u>	<u>329,359</u>
Total receivables	<u>422,495</u>	<u>364,361</u>
TOTAL ASSETS	<u>13,512,097</u>	<u>11,400,623</u>
LIABILITIES:		
Distributions payable	-	4,083
Excess contributions payable	<u>5,053</u>	<u>2,455</u>
TOTAL LIABILITIES	<u>5,053</u>	<u>6,538</u>
NET ASSETS REFLECTING INVESTMENTS, AT FAIR VALUE	13,507,044	11,394,085
Adjustments from fair value to contract value for fully benefit responsive investment contracts	<u>(185,067)</u>	<u>(12,726)</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 13,321,977</u></u>	<u><u>\$ 11,381,359</u></u>

See accompanying notes.

FIDELITY ENGINEERING CORPORATION
401(k) AND PROFIT SHARING PLAN

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

	<u>2012</u>	<u>2011</u>
ADDITIONS TO NET ASSETS ATTRIBUTED TO:		
Investment income:		
Net realized and unrealized appreciation		
in fair value of investments	\$ 906,909	\$ 296,340
Interest and dividends	<u>144,888</u>	<u>136,986</u>
Total investment income	<u>1,051,797</u>	<u>433,326</u>
Interest on notes receivable from participants	<u>18,882</u>	<u>19,091</u>
Contributions:		
Participant	857,181	807,743
Employer match	247,818	232,975
Rollovers from other plans	<u>-</u>	<u>110,208</u>
Total contributions	<u>1,104,999</u>	<u>1,150,926</u>
DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:		
Distributions to beneficiaries	205,544	302,885
Administrative expenses	<u>29,516</u>	<u>24,615</u>
Total deductions	<u>235,060</u>	<u>327,500</u>
NET INCREASE IN NET ASSETS AVAILABLE FOR PLAN BENEFITS	1,940,618	1,275,843
NET ASSETS AVAILABLE FOR BENEFITS AT BEGINNING OF YEAR	<u>11,381,359</u>	<u>10,105,516</u>
NET ASSETS AVAILABLE FOR BENEFITS AT END OF YEAR	<u><u>\$ 13,321,977</u></u>	<u><u>\$ 11,381,359</u></u>

See accompanying notes.

FIDELITY ENGINEERING CORPORATION
401(k) AND PROFIT SHARING PLAN

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

1. DESCRIPTION OF PLAN

The following description of the Fidelity Engineering Corporation 401(k) and Profit Sharing Plan (the "Plan") provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General

The Plan covers substantially all full-time employees of Fidelity Engineering Corporation, (the "Plan Sponsor") who have completed three months of service and have attained the age of twenty-one. This Plan permits eligible employees of the Plan Sponsor to defer a portion of their compensation under Section 401(k) of the Internal Revenue Code to the Plan. The Plan is subject to the provisions of the *Employee Retirement Income Security Act of 1974* ("ERISA").

Contributions

Participants may contribute up to 15% of their annual compensation. Contributions are subject to certain limitations.

Matching Contributions

The Company contributes 50% of the first 5% of compensation that a participant contributes to the Plan.

Vesting

Participants are immediately vested in their voluntary contributions and earnings thereon. Vesting in the remainder of their accounts is based on years of service using a 6 year vesting schedule. A participant is 20% vested after two years of service, obtains an additional 20% vesting for each successive year of service, and is 100% vested after six years of credited service.

Payments of Benefits

The Plan is intended for long-term savings, but provides for early withdrawals upon termination of service, attainment of age 59½, death or disability of the participant. A participant will receive an amount determined as of the day that the withdrawal request is processed. All payments will be made in cash in either a lump-sum, substantially equal, or partial distribution. Benefits owed to separated participants amounted to \$1,334,659 and \$1,231,731 at December 31, 2012 and 2011, respectively.

Participant Accounts

Each participant's account is credited with the participant's contribution and that participant's pro rata share of plan earnings. Allocations are based upon individual participant account balances.

Participant Loans

The Plan allows participants to take up to two loans concurrently against their vested balance. The minimum principal amount of the loan is \$1,000 and the maximum is the lesser of \$50,000 or 50% of the participant's vested balance. The interest rate of a loan is equal to the prime rate, as stated in the Wall Street Journal on the first business day of the month in which the loan is requested, plus two percent. Principal and interest is paid ratably through payroll deductions.

Plan Termination

The Company reserves the right to terminate the Plan at any time. In the event that the Plan does terminate, active participants will become 100% vested in their accounts.

Administrative Expenses

Administrative expenses of the Plan are paid by the participants. Investment expenses assessed by the trustee are paid by the Plan Sponsor.

Forfeitures

Forfeited nonvested accounts are used to offset current employer matching contributions. In 2012 and 2011, employer contributions were reduced by \$10,610 and \$10,000, respectively. There were no remaining forfeited nonvested accounts at December 31, 2012 and 2011.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Method of Accounting

The financial statements of the plan are prepared under the accrual method of accounting.

Investment contracts held by a defined-contribution plan are required to be reported at fair value for financial statement purposes. However, contract value is the relevant measurement attribute for that portion of the net assets available for benefits of a defined-contribution plan attributable to fully benefit-responsive investment contracts. The contract value of a fully benefit-responsive investment contract held by a plan is the amount a participant would receive if he or she were to initiate transactions under the terms of the ongoing plan. The Statement of Net Assets Available for Benefits presents the fair value of the investment contracts as well as the adjustment of the fully benefit-responsive investment contracts from fair value to contract value. The Statement of Changes in Net Assets Available for Benefits is prepared on a contract value basis.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America 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.

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. If available, quoted market prices are used to value investments. Units of pooled separate accounts are valued at the net asset value of units held by the plan at year end. The fair value of the guaranteed interest account is calculated by discounting the related cash flows based on current yields of similar instruments with comparable durations.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Notes Receivable From Participants

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

3. EXCESS CONTRIBUTIONS PAYABLE

Amounts payable to participants for contributions in excess of amounts allowed by the IRS are recorded as a liability with a corresponding reduction to contributions.

The Plan distributed the 2011 and 2012 excess contributions to the applicable participants prior to March 15, 2012 and 2013, respectively.

4. FAIR VALUE MEASUREMENTS

Financial Accounting Standards Board (FASB) *Accounting Standards Codification* (ASC) 820, *Fair Value Measurements*, provides a framework for measuring fair value. That framework provides a fair value 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 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

- | | |
|---------|---|
| 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	<p>Inputs to the valuation methodology include:</p> <ul style="list-style-type: none"> • 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 <p>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.</p>
Level 3	<p>Inputs to the valuation methodology are unobservable and significant to the fair value measurement.</p>

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 used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2012 and 2011.

Pooled separate accounts: Valued at fair value of underlying securities.

Mutual funds : Valued at the net asset value (NAV) of shares held by the plan at year end.

Guaranteed interest account: Valued at fair value by discounting the related cash flows based on current yields of similar instruments with comparable durations considering the credit-worthiness of the issuer (See Note 5).

The preceding methods described 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 fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table sets forth by level, within the fair value hierarchy, the plan's assets at fair value as of December 31, 2012 and 2011:

Assets at Fair Value as of December 31, 2012:

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Pooled separate accounts:				
Domestic equity	\$ -	\$ 4,999,169	\$ -	\$ 4,999,169
International equity and fixed in	-	1,113,592	-	1,113,592
Domestic fixed income	-	411,969	-	411,969
Balanced	-	883,050	-	883,050
Guaranteed investment contract	<u>-</u>	<u>5,681,822</u>	<u>-</u>	<u>5,681,822</u>
Total assets at fair value	<u>\$ -</u>	<u>\$ 13,089,602</u>	<u>\$ -</u>	<u>\$ 13,089,602</u>

Assets at Fair Value as of December 31, 2011:

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Pooled separate accounts				
Domestic equity	\$ -	\$ 3,589,363	\$ -	\$ 3,589,363
International equity and fixed in	-	776,900	-	776,900
Domestic fixed income	-	253,917	-	253,917
Balanced	-	644,849	-	644,849
Guaranteed investment contract	<u>-</u>	<u>5,771,233</u>	<u>-</u>	<u>5,771,233</u>
Total assets at fair value	<u>\$ -</u>	<u>\$ 11,036,262</u>	<u>\$ -</u>	<u>\$ 11,036,262</u>

5. INVESTMENT CONTRACT WITH INSURANCE COMPANY (UNAUDITED)

MassMutual maintains the contributions to the fully benefit responsive investment contract in a general account. The account is credited with earnings on the underlying investments and charged for participant withdrawals and administrative expenses. The contract is included in the financial statements at fair value with a corresponding adjustment to contract value. Contract value represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value. The guaranteed investment contract issuer is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the plan.

As described in Note 2, because the guaranteed investment contract is fully benefit-responsive, contract value is the relevant measurement attribute for that portion of the net assets available for benefits attributable to the guaranteed investment contract.

There are no reserves against contract value for credit risk of the contract issuer or otherwise. The fair value of the investment contract at December 31, 2012 and 2011 was \$5,681,822 and \$5,771,233, respectively. The crediting interest rate is based on a formula agreed upon with the issuer, but it may not be less than 3 percent. Such interest rates are reset semiannually.

Certain events limit the ability of the Plan to transact at contract value with the issuer. Such events include the following: (1) amendments to the Plan documents (including complete or partial plan termination or merger with another plan), (2) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (3) 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 (4) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA. The plan administrator does not believe that any events which would limit the Plan's ability to transact at contract value with participants are probable of occurring.

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

Average yields:	<u>2012</u>	<u>2011</u>
Based on actual earnings	2.53%	2.70%
Based on interest rate credited to participants	2.53%	2.70%

6. INCOME TAX STATUS

The Plan obtained its latest determination letter on April 23, 2002, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code. The Plan has been amended since receiving the determination letter. However, the Plan administrator and the Plan's tax counsel believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the Internal Revenue Code.

Management has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2012 there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability or asset or disclosure in the financial statements. The Plan's income tax returns are subject to audit by tax jurisdictions for the previous three years, however, there are currently no audits for any tax years in progress.

7. INFORMATION PREPARED AND CERTIFIED BY TRUSTEE (UNAUDITED)

The following information included in the accompanying financial statements and supplemental schedule was obtained from data that has been prepared and certified to as complete and accurate by State Street Bank and Trust Company, the Plan's trustee:

	2012	2011
Investments, at fair value	<u>\$ 13,089,602</u>	<u>\$ 11,036,262</u>
Notes receivable from participants	<u>\$ 422,495</u>	<u>\$ 329,359</u>
Investment income	<u>\$ 1,051,797</u>	<u>\$ 433,326</u>
Interest on notes receivable from participants	<u>\$ 18,882</u>	<u>\$ 19,091</u>

The following is a breakdown of investments representing 5% or more of the plan net assets as of December 31, 2012 and 2011:

	2012	2011
Investments at fair value as determined by quoted market price:		
Massachusetts Mutual Life Insurance Company:		
American Beacon Large Cap Value Fund	\$ 1,272,088	\$ -
Premier International Equity	931,628	651,487
Select Indexed Equity	701,114	*
Select Large Cap Value	-	954,689
Oakmark Equity and Income Fund	846,827	644,849
Select Small Cap Value Equity	723,013	*
Others - less than 5%	<u>2,933,110</u>	<u>3,014,004</u>
	7,407,780	5,265,029
Investments at contract value - S.F. Guaranteed Fund	<u>5,681,822</u>	<u>5,771,233</u>
Total	<u>\$ 13,089,602</u>	<u>\$ 11,036,262</u>

* Investment did not represent 5% of plan net assets at year end

8. RELATED PARTY TRANSACTIONS

Certain Plan investments are shares of collective investment trusts managed by Massachusetts Mutual Life Insurance Company. Massachusetts Mutual Life Insurance Company is the trustee of the plan, therefore, these transactions qualify as party-in-interest transactions. The Plan pays all fees for the investment management services.

9. RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500

Following is a reconciliation of net assets available for benefits according to the financial statements to the Form 5500 at December 31, 2012 and 2011:

	2012	2011
Net assets available for benefits per the financial statements	\$ 13,321,977	\$ 11,381,359
Contributions receivable - beginning of year	-	(35,002)
Benefits and excess contributions payable - end of year	<u>5,053</u>	<u>6,538</u>
Net assets available for benefits per the Form 5500	<u>\$ 13,327,030</u>	<u>\$ 11,352,895</u>

Following is a reconciliation of changes in net assets available for benefits according to the financial statements to the Form 5500 at December 31, 2012 and 2011:

Net change in assets available for benefits per the financial statements	\$ 1,940,618	\$ 1,275,843
Changes in contributions receivable	35,002	(35,002)
Changes in benefits and excess contributions payable	<u>(1,485)</u>	<u>(524)</u>
Net change in assets available for benefits per the Form 5500	<u>\$ 1,974,135</u>	<u>\$ 1,240,317</u>

10. 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 that such changes could materially affect participant account balances and the amounts reported in the statement of net assets available for benefits.

11. PLAN AMENDMENT

Effective January 1, 2012, the matching contribution formula and matching contribution limits of the Plan were amended giving management the discretion to match participant contributions on an annual basis.

12. SUBSEQUENT EVENTS

The Plan has evaluated subsequent events for possible adjustment to the financial statements or disclosures through August 21, 2013, which is the date the financial statements were available to be issued.

**SUPPLEMENTAL SCHEDULE RELATING TO ERISA
AND DOL REGULATIONS**

FIDELITY ENGINEERING CORPORATION
401(k) AND PROFIT SHARING PLAN
DECEMBER 31, 2012

FORM 5500

SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

EMPLOYER IDENTIFICATION # 52-0557267

PLAN #001

(a)	(b)	(c)	(e)
*	Identity of issue, borrower, lessor or similar party	Description of investment including maturity date, rate of interest, collateral, par or maturity	Current Value
Massachusetts Mutual Life Insurance Company:			
*	S.F. Guaranteed Fund	Common/collective trust	\$ 5,681,822
*	American Beacon Large Cap Value	Pooled Separate Accounts	1,272,088
*	Premier OFI Institutional International Equity	Pooled Separate Accounts	931,628
*	Oakmark Equity and Income Fund	Pooled Separate Accounts	846,827
*	Select Wellington/BarrowHanley Small Cap Value	Pooled Separate Accounts	723,013
*	MM S&P 500 Index Fund	Pooled Separate Accounts	701,114
*	MFS Growth I	Pooled Separate Accounts	629,617
*	GE Instl Premier Growth Equity Svc	Pooled Separate Accounts	491,708
*	Premier Babson Capital US High Yield Fund	Pooled Separate Accounts	411,096
*	Select Small Cap Growth	Pooled Separate Accounts	397,218
*	Select Sands/Delaware Growth Opp Fund	Pooled Separate Accounts	361,579
*	Thornburg Core Growth R5	Pooled Separate Accounts	329,895
*	Premier OFI Global	Pooled Separate Accounts	181,964
*	Select NFJ/Systematic Mid Cap Value	Pooled Separate Accounts	68,930
*	T. Rowe Price Retirement 2035	Pooled Separate Accounts	35,347
*	Northern Midcap Index	Pooled Separate Accounts	23,777
*	T. Rowe Price Retirement 2025	Pooled Separate Accounts	876
*	Northern Bond Index	Pooled Separate Accounts	873
*	Northern Small Cap Index	Pooled Separate Accounts	230
	Total assets held for investment purposes		\$ 13,089,602
	Notes receivable from participants	Interest at 5.25% to 10.25%	422,495
	Total assets		<u>\$ 13,512,097</u>

* represents a party-in-interest to the Plan

Column (d), cost, has been omitted because all investments are participant directed.

A Name of Plan Fidelity Engineering Corporation 401(k) and Profit Sharing Plan	B Three-digit plan Number 001
C Plan sponsor's name as shown on line 2a of Form 5500 Fidelity Engineering Corporation	D Employer Identification Number 520557267

Schedule H, line 4i - Schedule of Assets (Held At End of Year)

(a)	(b) Identity of issue, borrower, lessor, or similar part	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current Value
*	MassMutual	Guaranteed Interest Account	5,496,754	5,496,754
*	MassMutual	Holding Account (GIA)	1	1
*	MassMutual	SIA-CI	282,862	329,895
*	MassMutual	SIA-DH	379,417	411,096
*	MassMutual	SIA-EO	860	876
*	MassMutual	SIA-FO	35,347	35,347
*	MassMutual	SIA-GA	0	0
*	MassMutual	SIA-GB	616,775	723,013
*	MassMutual	SIA-GW	0	0
*	MassMutual	SIA-I	726,735	931,628
*	MassMutual	SIA-J	0	0
*	MassMutual	SIA-MP	60,499	68,930
*	MassMutual	SIA-N9	0	0
*	MassMutual	SIA-ND	154,360	181,964
*	MassMutual	SIA-QI	23,772	23,777
*	MassMutual	SIA-QV	222	230
*	MassMutual	SIA-QW	873	873
*	MassMutual	SIA-RL	428,142	491,708
*	MassMutual	SIA-SC	340,965	397,218
*	MassMutual	SIA-SD	305,917	361,579
*	MassMutual	SIA-VA	713,841	846,827
*	MassMutual	SIA-WP	631,483	629,617
*	MassMutual	SIA-X	595,633	701,114
*	American Beacon	Outside Fund	1,249,879	1,272,088
*	American Beacon Large Cap Value Fun	Outside Fund	0	1,270,931
*	Outside Fund - Miscellaneous	Outside Fund	0	1,157
	Participant Loans	5.250000 - 7.000000	0	422,495

A Name of Plan Fidelity Engineering Corporation 401(k) and Profit Sharing Plan	B Three-digit Plan Number 001
C Plan sponsor's name as shown on line 2a of Form 5500 Fidelity Engineering Corporation	D Employee Identification Number 520557267

Schedule H, line 4j - Schedule of Reportable Transactions

(a) Identity of party involved	(b) Description of asset (include interest rate and maturity in case of a loan)	(c) Purchase price	(d) Selling price	(e) Lease Rental	(f) Expense incurred with transaction	(g) Cost of asset	(h) Current value of asset on transaction date	(i) Net gain or (loss)
MassMutual	SIA-J	0	1,237,731		0	1,107,512	1,237,731	130,219
	SIA-WP	618,058	0		0	0	0	0
American B	Outside Fund	1,237,731	0		0	0	0	0

A Name of Plan Fidelity Engineering Corporation 401(k) and Profit Sharing Plan	B Three-digit plan Number	001
C Plan sponsor's name as shown on line 2a of Form 5500 Fidelity Engineering Corporation	D Employer Identification Number 520557267	

Schedule C Formula Description and/or EIC Statement Description

Service Provider Name	Service Provider EIN	Service Provider Address	Formula / EIC Statement
American Beacon	752161801		MassMutual provided the Plan with the required written disclosure for Management Fees received by American Beacon with respect to American Beacon Large Cap Value Fd (OF 30183).
American Funds	520792143		MassMutual provided the Plan with the required written disclosure for Management Fees received by American Funds with respect to the Growth America (American) - Class 4 separate account (SIA-GW).
GE Group	061495705		MassMutual provided the Plan with the required written disclosure for Management Fees received by GE Group with respect to the Growth Equity Premier (GE) - Class S separate account (SIA-RL).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Premier Global (OFI) - Class S separate account (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Premier Int'l Equity (OFI Inst) - Class S separate account (SIA-I).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Blue Chip Gr III (T.Rowe Price) - Class S separate account (SIA-GA).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Gr Opportnts (Sands/Delaware) - Class S separate account (SIA-SD).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Large Cap Val (Columbia/Huber) - Class S separate account (SIA-J).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Mid Cap Val (NFJ/Systematic) - Class S separate account (SIA-MP).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Sm Cap Val Eq (Wlgn/BrwHnly) - Class S separate account (SIA-GB).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Sm Cp Gr (W&R/WlIngtn/Tmbrln) - Class S separate account (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Growth America (American) - Class 4 separate account (SIA-GW).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Growth Equity Premier (GE) - Class S separate account (SIA-RL).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement 2015 (T. Rowe Price) - Class A separate account (SIA-DO).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement 2025 (T. Rowe Price) - Class A separate

Massachusetts Mutual Life Insurance Company	041590850	account (SIA-EO). MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement 2035 (T. Rowe Price) - Class A separate account (SIA-FO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement 2045 (T. Rowe Price) - Class A separate account (SIA-GO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement 2055 (T. Rowe Price) - Class A separate account (SIA-HO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for float revenue received by MassMutual.
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to MM S&P 500 Index (Northern Trust) - Class S (SIA-X).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Premier Global (OFI) - Class S (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Premier High Yield (Babson) - Class Y (SIA-DH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Premier Int'l Equity (OFI Inst) - Class S (SIA-I).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to SAGIC (8613).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Blue Chip Gr III (T.Rowe Price) - Class S (SIA-GA).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Gr Opporntns (Sands/Delaware) - Class S (SIA-SD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Large Cap Val (Columbia/Huber) - Class S (SIA-J).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Mid Cap Val (NFJ/Systematic) - Class S (SIA-MP).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Sm Cap Val Eq (Wlgn/BrwHnly) - Class S (SIA-GB).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Sm Cp Gr (W&R/WlIngtn/Tmbrln) - Class S (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (14 basis points * plan assets) with respect to the Premier Int'l Equity (OFI Inst) - Class S separate account (SIA-I).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (15 basis points * plan assets) with respect to the Sel Mid Cap Val (NFJ/Systematic) - Class S separate account (SIA-MP).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (16 basis points * plan assets) with respect to the Sel Blue Chip Gr III (T.Rowe Price) - Class S separate account (SIA-GA).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (17 basis points * plan assets) with respect to the Sel Sm Cp Gr (W&R/WlIngtn/Tmbrln) - Class S separate account (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (18 basis points * plan assets) with respect to the Premier Global (OFI) - Class S separate account (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (24 basis points * plan assets) with respect to the Sel Gr Opporntns (Sands/Delaware) - Class S separate account (SIA-SD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (29 basis points * plan assets) with respect to the Premier High Yield (Babson) - Class Y separate account (SIA-DH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (35 basis points * plan assets) with respect to the MM S&P 500 Index (Northern Trust) - Class S separate account (SIA-X).

Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (5 basis points * plan assets) with respect to the Sel Sm Cap Val Eq (Wlgn/BrwHnly) - Class S separate account (SIA-GB).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (8 basis points * plan assets) with respect to the Sel Large Cap Val (Columbia/Huber) - Class S separate account (SIA-J).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (10 basis points * plan assets) with respect to the Growth America (American) - Class 4 separate account (SIA-GW).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (10 basis points * plan assets) with respect to the Growth Equity Premier (GE) - Class S separate account (SIA-RL).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Growth (MFS) - Class I separate account (SIA-WP).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement 2015 (T. Rowe Price) - Class A separate account (SIA-DO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement 2025 (T. Rowe Price) - Class A separate account (SIA-EO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement 2035 (T. Rowe Price) - Class A separate account (SIA-FO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement 2045 (T. Rowe Price) - Class A separate account (SIA-GO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement 2055 (T. Rowe Price) - Class A separate account (SIA-HO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (25 basis points * plan assets) with respect to American Beacon Large Cap Value Fd (OF 30183).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (25 basis points * plan assets) with respect to the Equity & Income (Oakmark) - Class I separate account (SIA-VA).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (38 basis points * plan assets) with respect to the Global Strategic Income II (OFI) - Class Y separate account (SIA-N9).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (40 basis points * plan assets) with respect to the Core Growth (Thornburg) - Class 5 separate account (SIA-CI).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (6 basis points * plan assets) with respect to the Bond Index (Northern) separate account (SIA-QW).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (6 basis points * plan assets) with respect to the Mid Cap Index (Northern) separate account (SIA-QI).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (6 basis points * plan assets) with respect to the Small Cap Index (Northern) separate account (SIA-QV).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Wrap Fees of (35 basis points * plan assets) with respect to SAGIC (8613).
MFS Investment Management	046551722	MassMutual provided the Plan with the required written disclosure for Management Fees received by MFS Investment Management with respect to the Growth (MFS) - Class I separate account (SIA-WP).
Northern Funds	208294681	MassMutual provided the Plan with the required written disclosure for Management Fees received by Northern Funds with respect to the Bond Index (Northern) separate account (SIA-QW).
Northern Funds	391882210	MassMutual provided the Plan with the required written disclosure for Management Fees received by Northern Funds with respect to the Small Cap Index (Northern) separate account (SIA-QV).
Northern Funds	562496730	MassMutual provided the Plan with the required written disclosure for Management Fees received by Northern Funds with respect to the Mid Cap Index (Northern) separate account (SIA-QI).
Oakmark	043276558	MassMutual provided the Plan with the required written disclosure for Management Fees received by Oakmark with respect to the Equity & Income (Oakmark) - Class I separate account (SIA-VA).
Oppenheimer	136918880	MassMutual provided the Plan with the required written disclosure for Management Fees received by Oppenheimer with respect to the Global Strategic Income II (OFI) - Class Y separate account (SIA-N9).
T. Rowe Price	510612048	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement 2055 (T. Rowe Price) - Class A separate account (SIA-HO).

T. Rowe Price	651218396	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement 2015 (T. Rowe Price) - Class A separate account (SIA-DO).
T. Rowe Price	651218398	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement 2025 (T. Rowe Price) - Class A separate account (SIA-EO).
T. Rowe Price	651218399	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement 2035 (T. Rowe Price) - Class A separate account (SIA-FO).
T. Rowe Price	651253987	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement 2045 (T. Rowe Price) - Class A separate account (SIA-GO).
Thornburg	850474953	MassMutual provided the Plan with the required written disclosure for Management Fees received by Thornburg with respect to the Core Growth (Thornburg) - Class 5 separate account (SIA-CI).



Schedule C Soft Dollar Compensation Eligible Indirect Compensation Statement

Mutual fund investments of the plan (whether direct or indirect through a separate investment account) may have soft dollar arrangements pursuant to which the investment advisor or sub-advisor to the mutual fund (and/or its affiliates) may direct trades to certain brokers in exchange for research and other services, other than just trade execution. For plans investing directly or indirectly in the MassMutual Premier or Select Funds, MassMutual provided the required written disclosure regarding soft dollar compensation on the Schedule C Formula Description and/or EIC Statement Description Attachment. For all other mutual funds, MassMutual provided the required written disclosure in the Statement of Additional Information ("SAI").

For additional information on soft dollar compensation, refer to the section of the mutual fund's SAI that discusses brokerage allocation and other practices.