

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2021 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2021 or fiscal plan year beginning <u>06/16/2021</u> and ending <u>12/31/2021</u>	
A This return/report is for:	☐ a multiemployer plan ☒ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☐ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☒ the first return/report ☐ the final return/report ☐ an amended return/report ☒ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	☐

Part II	Basic Plan Information—enter all requested information										
1a Name of plan <u>LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>001</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>06/16/2021</u></td> </tr> <tr> <td colspan="2">2b Employer Identification Number (EIN) <u>86-3913695</u></td> </tr> <tr> <td colspan="2">2c Plan Sponsor's telephone number <u>732-980-1900</u></td> </tr> <tr> <td colspan="2">2d Business code (see instructions) <u>611000</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>001</u>	1c Effective date of plan <u>06/16/2021</u>		2b Employer Identification Number (EIN) <u>86-3913695</u>		2c Plan Sponsor's telephone number <u>732-980-1900</u>		2d Business code (see instructions) <u>611000</u>	
1b Three-digit plan number (PN) ▶	<u>001</u>										
1c Effective date of plan <u>06/16/2021</u>											
2b Employer Identification Number (EIN) <u>86-3913695</u>											
2c Plan Sponsor's telephone number <u>732-980-1900</u>											
2d Business code (see instructions) <u>611000</u>											
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>LIGHTBRIDGE HOLDINGS GROUP, INC.</u> <u>116 GRAND STREET 2ND FLOOR</u> <u>ISELIN, NJ 08830</u>											

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/11/2022	JOSEPH FEDE
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2021)
v. 210624

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN	
		3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	283
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).			
a(1) Total number of active participants at the beginning of the plan year.....		6a(1)	283
a(2) Total number of active participants at the end of the plan year		6a(2)	281
b Retired or separated participants receiving benefits.....		6b	0
c Other retired or separated participants entitled to future benefits		6c	12
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	293
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	0
f Total. Add lines 6d and 6e		6f	293
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	114
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....		7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2T 3D 3H			
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>0</u> A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☐ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2021 Form M-1 annual report. If the plan was not required to file the 2021 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) 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
		2021
		This Form is Open to Public Inspection.
For calendar plan year 2021 or fiscal plan year beginning 06/16/2021 and ending 12/31/2021		
A Name of plan LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 LIGHTBRIDGE HOLDINGS GROUP, INC.	D Employer Identification Number (EIN) 86-3913695	

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
ADP, INC.
13-3036745

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
BLACKROCK INVESTMENTS, INC.
23-2784752

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
DIMENSIONAL FUND ADVISORS
6300 BEE CAVE ROAD BUILDING ONE AUSTIN, TX 78746

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
JOHN HANCOCK FUNDS, LLC
601 CONGRESS STREET, 9145 BOSTON, MA 02210

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

VANGUARD

455 DEVON PARK DRIVE
WAYNE, PA 19087

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

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

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

ADP, INC.

13-3036745

(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?
15 50 64	RECORD KEEPER	11748	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

WOODBURY FINANCIAL SERVICES INC.

41-0944586

(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?
15 50 21 64 49 99	INVESTMENT/FINANCIAL ADV	1370	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
(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.	
(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.	
(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 H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2021 This Form is Open to Public Inspection
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For calendar plan year 2021 or fiscal plan year beginning 06/16/2021 and ending 12/31/2021		
A Name of plan LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 LIGHTBRIDGE HOLDINGS GROUP, INC.	D Employer Identification Number (EIN) 86-3913695	

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

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	0	4476
(2) Participant contributions.....	1b(2)	0	7049
(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)		
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	0	2242784
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(1)	Employer securities.....	1d(1)	
(2)	Employer real property.....	1d(2)	
e	Buildings and other property used in plan operation	1e	
f	Total assets (add all amounts in lines 1a through 1e)	1f	0 2254309
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	0 2254309

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

		(a) Amount	(b) Total
Income			
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	100779
	(B) Participants	2a(1)(B)	181304
	(C) Others (including rollovers).....	2a(1)(C)	1924410
(2)	Noncash contributions.....	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)	2206493
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)	
	(F) Other	2b(1)(F)	
	(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)	0
(2)	Dividends: (A) Preferred stock.....	2b(2)(A)	
	(B) Common stock	2b(2)(B)	
	(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	251326
	(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)	251326
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	
	(B) Aggregate carrying amount (see instructions).....	2b(4)(B)	
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	0
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		-190393
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total.....	2d		2267426
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)		
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other.....	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		0
f Corrective distributions (see instructions).....	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)	13117	
(3) Investment advisory and management fees.....	2i(3)		
(4) Other.....	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		13117
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		13117
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d.....	2k		2254309
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) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

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

(1) Name: UHY LLP

(2) EIN: 20-0694403

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.).....

	Yes	No	Amount
4a		X	

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

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

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

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

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

LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN

AUDITED FINANCIAL STATEMENTS
AND
SUPPLEMENTAL SCHEDULE

As of December 31, 2021 and
For the Period From
June 16, 2021 through December 31, 2021

LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN

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** Other schedules required by 29CFR2520.103.10 of the Department of Labor Rules and Regulations for Reporting and Disclosure under the Employee Retirement Security Act of 1974 (ERISA) have been omitted because they are not applicable.*

INDEPENDENT AUDITOR'S REPORT

To the Administrator of
Lightbridge Holdings Group, Inc. 401(k) Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2021 Financial Statements

We have performed an audit of the financial statements of Lightbridge Holdings Group, Inc. 401(k) Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2021, and the related statement of changes in net assets available for benefits for the period from June 16, 2021 through December 31, 2021, and the related notes to the financial statements (2021 Financial Statements).

Management, having determined it is permissible in the circumstances, has elected to have the audit of the 2021 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note 4 to the financial statements, is complete and accurate.

Opinion on the 2021 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the 2021 Financial Statements section -

- the amounts and disclosures in the accompanying 2021 financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- the information in the accompanying 2021 financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion on the 2021 Financial Statements

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the 2021 Financial Statements section of our report. We are required to be independent of Lightbridge Holdings Group, Inc. 401(k) Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the 2021 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the plan, and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the 2021 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2021 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the 2021 financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matters

2021 Supplemental Schedule Required by ERISA

The supplemental schedule of Schedule H, line 4i – Schedule of Assets (Held at End of Year) is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with generally accepted auditing standards. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion—

- the form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).



Farmington, Connecticut
October 7, 2022

LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
As of December 31, 2021

Investments:

Mutual Funds	<u>\$ 2,242,784</u>
Total investments, at fair value	<u>2,242,784</u>

Receivables:

Participant contributions receivable	7,049
Employer contributions receivable	<u>4,476</u>
Total receivables	<u>11,525</u>

Net assets available for benefits	<u><u>\$ 2,254,309</u></u>
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LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
For the Period from June 16, 2021 through December 31, 2021

ADDITIONS:	<u>2021</u>
Investment income:	
Net depreciation in fair value of investments	\$ (190,393)
Dividends and interest	<u>252,696</u>
Total investment income	<u>62,303</u>
Contributions:	
Employers	100,779
Participants	181,304
Rollovers	<u>1,924,410</u>
Total contributions	<u>2,206,493</u>
Total additions	<u>2,268,796</u>
DEDUCTIONS:	
Administrative expenses	<u>14,487</u>
Total deductions	<u>14,487</u>
Net increase in net assets available for benefits	<u>2,254,309</u>
NET ASSETS AVAILABLE FOR BENEFITS:	
Beginning of year	-
End of year	<u><u>\$ 2,254,309</u></u>

LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN

NOTES TO FINANCIAL STATEMENTS

December 31, 2021

NOTE 1 – DESCRIPTION OF PLAN

The following brief description of Lightbridge Holdings Group, Inc. (the “Company”) 401(k) 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 is a defined contribution plan that was established on June 16, 2021. The Plan covers all employees of Lightbridge Holdings Group, Inc. and related companies, collectively (the “Company”) who are not considered excluded employees as defined by the Plan, and who have one (1) year of service and are age twenty-one (21) or older. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”), as amended. The trustee of the Plan is the Reliance Trust Company (“Reliance”) and the recordkeeper is Automatic Data Processing, Inc.’s (“ADP”) Retirement Services.

The Plan is designed as a 401(k) “safe harbor” plan. Accordingly, the Company is required to make an employer qualified safe harbor contribution. The 401(k) “safe harbor” plan design provides for, among other things, the exemption from certain annual compliance testing.

Contributions

Each year, participants may contribute up to 90% of pretax annual compensation, as defined in the Plan. Roth contributions are also permitted. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also contribute into the Plan amounts representing distributions from other qualified defined benefit or contribution plans (rollover). Participants direct the investment of their contributions into various investment options offered by the Plan.

In order to maintain safe harbor status, the Company will make a safe harbor matching contribution equal to 100% of salary deferrals that do not exceed 3% of compensation plus 50% of salary deferrals between 3% and 5% of compensation. The Company also has the discretion to make a matching contribution equal to a uniform percentage of participant’s salary deferrals. Contributions are subject to certain Internal Revenue Service (IRS) limitations.

Participant Accounts

Each participant’s account is credited with the participant’s contributions and Company discretionary matching contributions, and plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant’s contributions, account balances, or specific participant transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant’s vested account.

Notes Receivable from Participants

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant’s account. A participant’s loan interest rates are set at 1% above the prime rate, as defined. Principal and interest are paid ratably through payroll deductions.

LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2021

NOTE 1 – DESCRIPTION OF PLAN (Continued)

Vesting

Participants are vested immediately in their contributions and the safe harbor contributions plus actual earnings thereon. Vesting in the Company's discretionary contribution portion of their accounts, plus earnings and losses thereon, is as follows:

Years of Service	Vesting
Less than 1	0%
2	20%
3	40%
4	60%
5	80%
6 or more	100%

Payment of Benefits

The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Terminated participants may receive the value of their vested account upon the date of severance from employment. If the vested account balance is greater than \$5,000, the participant may leave their account with the Plan. Distributions due to death, disability, or normal retirement age sixty-five (65), shall begin as soon as practicable after the date of the qualifying event. Participants may receive in-service distributions of their vested account on or after the attainment of age 59½. Distributions are in the form of either a lump-sum distribution, substantially equal installments, or partial withdrawals. For termination of service for other reasons, a participant may receive the value of the vested interest in his or her account as a lump-sum distribution.

Forfeited Accounts

At December 31, 2021, there were no forfeited non-vested account balances. Forfeitures will be used to reduce plan expenses or to reduce future employer contributions. During 2021, no forfeited non-vested account balances were used to offset employer matching contributions.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

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

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect certain reported amounts of assets and liabilities and changes therein, and disclosures of contingent assets and liabilities. Actual results could differ from those estimates.

LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN

NOTES TO FINANCIAL STATEMENTS

December 31, 2021

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Investment Valuation and Income Recognition

Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan administrator determines the Plan's valuation policies utilizing information provided by investment advisors, custodian and insurance companies. See Note 3 for discussion of fair value measurements.

Purchases and sales are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Notes Receivable from Participants

Notes receivable from participants is measured as their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred.

Payment of Benefits

Benefits are recognized when paid.

Administrative Expenses

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Investment related expenses are included in appreciation of fair value of investments.

Subsequent Events

The plan has evaluated subsequent events through October 7, 2022, the date the financial statements were available to be issued.

NOTE 3 – FAIR VALUE MEASUREMENTS

The framework for measuring fair value 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 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 Inputs - Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

- Quoted prices for similar assets or liabilities in active markets.
- Quoted prices for identical or similar assets or liabilities in inactive markets.

LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN

NOTES TO FINANCIAL STATEMENTS

December 31, 2021

NOTE 3 – FAIR VALUE MEASUREMENTS (Continued)

- Inputs other than quoted prices that are observable for the asset or liability.
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 Inputs - Inputs are unobservable and significant to the fair value measurement.

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

Following is a description of valuation methodologies used for assets measured at fair values. There have been no changes in the methodologies used at December 31, 2021.

Mutual Funds: Shares of mutual funds are valued at the net asset value of shares held by the Plan at year end. The net asset value of the mutual funds is based on quoted market prices in active markets.

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 the 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, 2021:

Assets at Fair Value as of December 31, 2021			
	Level 1	Level 2	Level 3
Mutual Funds	\$ 2,242,784	\$ -	\$ -
Investments at fair value	\$ 2,242,784	\$ -	\$ -

NOTE 4 – CERTIFIED INVESTMENTS

The Plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, the Reliance Trust Company, the trustee of the Plan, has furnished certain financial information to the Plan administrator and certified as to its completeness and accuracy. This certification is as of December 31, 2021 and for the period from June 16, 2021 through December 31, 2021, and includes investment information related to fair value of investments, notes receivable from participants, net appreciation in fair value of investments and interest income on notes receivable from participants that are included in the Plan's financial statements and supplemental schedule.

LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN

NOTES TO FINANCIAL STATEMENTS

December 31, 2021

NOTE 5 – PLAN TERMINATION

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and terminate the Plan, subject to the provisions of ERISA. In the event of a termination, participants would become 100% vested in their employer contributions.

NOTE 6 – RELATED-PARTY TRANSACTIONS

Certain plan investments are managed by ADP. ADP is the Plan's custodian and recordkeeper of the Plan, and therefore, these transactions qualify as party-in-interest transactions. Fees paid by the Plan to ADP for investment management services amounted to \$14,487 for the period ended December 31, 2021.

NOTE 7 – TAX STATUS

The Plan has been designed using a Non-Standardized Pre-Approved prototype plan document. The Plan obtained its opinion letter dated October 6, 2020, as part of the initial Plan documents effective June 16, 2021. Although the Plan has been amended since receiving the determination letter, the Plan administrator and the Plan's tax counsel believe that the Plan is designed, and is currently being operated, in compliance with the applicable requirements of the IRC and, therefore, believe that the Plan is qualified, and the related trust is tax-exempt.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

NOTE 8 – RISKS AND UNCERTAINTIES/COVID-19

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's account balances and the amounts reported in the statements of net assets available for benefits.

In March 2020, the World Health Organization categorized the coronavirus disease ("COVID-19") as a pandemic, which is ongoing as of the date of the financial statements. COVID-19 has had a disruptive impact on the daily life and operations of individuals, businesses, and employee benefit plans around the world and there is an uncertainty about financial and economic impacts in all sectors of the economy. The financial markets have experienced significant volatility, and the potential economic impact brought by, and the duration of, COVID-19 is difficult to assess or predict and will depend on future developments that are highly uncertain and cannot be predicted. As a result, it is not possible to ascertain the overall impact of COVID-19 on the Plan's investment portfolio, participant account balances and the amounts reported in the Plan's financial statements.

NOTE 9 – SUBSEQUENT EVENTS

Effective January 1, 2022, the Plan issued a Safe Harbor notice, whereby the Plan sponsor will make safe harbor matching contributions equal to 100% of salary deferrals that do not exceed 3% of compensation plus 50% of salary deferrals between 3% and 5% of compensation. The safe harbor matching contribution will be 100% vested.

SUPPLEMENTAL SCHEDULE

LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN
SCHEDULE H, LINE 4(i) - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
EIN: 86-3913695 Plan #001
December 31, 2021

(a)	(b)	(c)	(d)	(e)
		Description of Investment, Including Maturity Date, Rate of Interest, Par or Maturity Value	Cost**	Current Value
	Mutual Funds:			
	Vanguard	Vanguard Target Retirement 2045 Fund - Investor Class	*	\$ 527,491
	Vanguard	Vanguard Target Retirement 2040 Fund - Investor Class	*	522,071
	Vanguard	Vanguard Target Retirement 2035 Fund - Investor Class	*	242,008
	Vanguard	Vanguard Target Retirement 2050 Fund - Investor Class	*	199,817
	Vanguard	Vanguard Target Retirement 2055 Fund - Investor Class	*	138,093
	Vanguard	Vanguard Intermediate Term Investment Grade Fund - Admiral Class	*	118,021
	Vanguard	Vanguard Value Index Fund - Admiral Class	*	79,973
	Vanguard	Vanguard Growth Index Fund - Admiral Class	*	78,586
	Vanguard	Vanguard Small Cap Index Fund - Admiral Class	*	74,399
	Vanguard	Vanguard Mid-Cap Index Fund - Admiral Class	*	72,775
	Vanguard	Vanguard Target Retirement 2030 Fund - Investor Class	*	65,469
	iShares	iShares MSCI EAFE International Index Fund - Class K	*	50,800
	Vanguard	Vanguard Target Retirement 2060 Fund - Investor Class	*	16,282
	Vanguard	Vanguard High Yield Corporate Fund - Admiral Class	*	15,077
	Vanguard	Vanguard Target Retirement 2065 Fund - Investor Class	*	14,977
	Vanguard	Vanguard Target Retirement 2025 Fund - Investor Class	*	10,780
	Vanguard	Vanguard 500 Index Fund - Admiral Class	*	4,278
	John Hancock	John Hancock Bond Fund - Class R6	*	2,409
	Vanguard	Vanguard International Growth Fund - Admiral Class	*	1,846
	Vanguard	Vanguard Mid Cap Growth Index Fund - Admiral Class	*	1,842
	Vanguard	Vanguard Small Cap Value Index Fund - Admiral Class	*	1,094
	DFA	DFA International Small Company Portfolio - Institutional Class	*	816
	Vanguard	Vanguard Small Cap Growth Index Fund - Admiral Class	*	796
	Vanguard	Vanguard Target Retirement 2020 Fund - Investor Class	*	692
	DFA	DFA Emerging Markets Core Equity Fund - Institutional Class	*	561
	Vanguard	Vanguard Short Term Investment Grade Fund - Admiral Class	*	495
	DFA	DFA Intermediate Government Fixed Income Portfolio - Institutional Class	*	493
	Vanguard	Vanguard Mid-Cap Value Index Fund - Admiral Class	*	426
	Vanguard	Vanguard Target Retirement 2015 Fund - Investor Class	*	417
		Total mutual funds		<u>\$ 2,242,784</u>

* Party-in-interest.

**Column (d) "cost" is omitted as the cost of participant-directed investments is not required to be disclosed.

Multiple Employer Plan Participating Employer Information

Lightbridge Holding Group, Inc. 401(k) Plan

EIN 86-3913695

PN001

Entity Name	EIN	% of Total Contributions
LA West Caldwell	82-0631642	2.38%
LA FT LEE LLC	38-4011034	2.53%
LA Manalapan LLC	47-4661870	2.07%
Lightbridge Management Services LLC	82-0649096	4.54%
LA - East Brunswick LLC	83-2044387	1.84%
LA - Willow Grove LLC	83-4393240	0.42%
Rainbow Academy - Cranford LLC	41-2060685	3.78%
Rainbow Academy -Fairlawn LLC	45-2715917	3.19%
Rainbow Academy - Flemington LLC	26-1398978	3.16%
Rainbow Academy -Mahwah LLC	27-2184464	7.17%
Rainbow Academy - Rutherford LLC	20-1812446	5.47%
Rainbow Academy - Wall LLC	27-2178319	4.30%
Rainbow Academy - Whippany LLC	20-1197052	2.85%
RA - Woodbridge LLC	46-4370867	3.02%
RA Iselin LLC	46-4367036	2.63%
Febbco LLC	38-3852335	0.00%
LA Yardley	84-4609581	0.00%
LA Duffield	84-4632270	2.01%
Lightbridge Franchise Company	27-4037081	48.63%
		100.00%

LIGHTBRIDGE HOLDINGS GROUP, INC. 401(K) PLAN
SCHEDULE H, LINE 4(i) - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
EIN: 86-3913695 Plan #001
December 31, 2021

(a)	(b)	(c)	(d)	(e)
		Description of Investment, Including Maturity Date, Rate of Interest, Par or Maturity Value	Cost**	Current Value
	Identity of Issue, Borrower, Lessor or Similar Party			
	Mutual Funds:			
	Vanguard	Vanguard Target Retirement 2045 Fund - Investor Class	*	\$ 527,491
	Vanguard	Vanguard Target Retirement 2040 Fund - Investor Class	*	522,071
	Vanguard	Vanguard Target Retirement 2035 Fund - Investor Class	*	242,008
	Vanguard	Vanguard Target Retirement 2050 Fund - Investor Class	*	199,817
	Vanguard	Vanguard Target Retirement 2055 Fund - Investor Class	*	138,093
	Vanguard	Vanguard Intermediate Term Investment Grade Fund - Admiral Class	*	118,021
	Vanguard	Vanguard Value Index Fund - Admiral Class	*	79,973
	Vanguard	Vanguard Growth Index Fund - Admiral Class	*	78,586
	Vanguard	Vanguard Small Cap Index Fund - Admiral Class	*	74,399
	Vanguard	Vanguard Mid-Cap Index Fund - Admiral Class	*	72,775
	Vanguard	Vanguard Target Retirement 2030 Fund - Investor Class	*	65,469
	iShares	iShares MSCI EAFE International Index Fund - Class K	*	50,800
	Vanguard	Vanguard Target Retirement 2060 Fund - Investor Class	*	16,282
	Vanguard	Vanguard High Yield Corporate Fund - Admiral Class	*	15,077
	Vanguard	Vanguard Target Retirement 2065 Fund - Investor Class	*	14,977
	Vanguard	Vanguard Target Retirement 2025 Fund - Investor Class	*	10,780
	Vanguard	Vanguard 500 Index Fund - Admiral Class	*	4,278
	John Hancock	John Hancock Bond Fund - Class R6	*	2,409
	Vanguard	Vanguard International Growth Fund - Admiral Class	*	1,846
	Vanguard	Vanguard Mid Cap Growth Index Fund - Admiral Class	*	1,842
	Vanguard	Vanguard Small Cap Value Index Fund - Admiral Class	*	1,094
	DFA	DFA International Small Company Portfolio - Institutional Class	*	816
	Vanguard	Vanguard Small Cap Growth Index Fund - Admiral Class	*	796
	Vanguard	Vanguard Target Retirement 2020 Fund - Investor Class	*	692
	DFA	DFA Emerging Markets Core Equity Fund - Institutional Class	*	561
	Vanguard	Vanguard Short Term Investment Grade Fund - Admiral Class	*	495
	DFA	DFA Intermediate Government Fixed Income Portfolio - Institutional Class	*	493
	Vanguard	Vanguard Mid-Cap Value Index Fund - Admiral Class	*	426
	Vanguard	Vanguard Target Retirement 2015 Fund - Investor Class	*	417
		Total mutual funds		<u>\$ 2,242,784</u>

* Party-in-interest.

**Column (d) "cost" is omitted as the cost of participant-directed investments is not required to be disclosed.