



April 14, 2021

[REDACTED]
Manager, Environmental Compliance
Environment, Energy and Sustainability Unit

NJ TRANSIT

1 Penn Plaza East
Newark, New Jersey 07105-2246

Re: NJ TRANSIT Hoboken Yard Construction-Related Vibration Assessment

Dear [REDACTED]:

In order to address New Jersey Historic Preservation Office (HPO) concerns related to construction activities proposed within the Hoboken Rail Yard, NJ Transit requested a scope and fee from Paul Carpenter Associates, Inc. (PCA) to perform a General Vibration Assessment, per the Federal Transit Administration's (FTA) *Transit Noise and Vibration Assessment* (dated September 2018). Activities associated with this task are detailed within.

Task 1 – Vibration Assessment

The Bush Train Shed, a vibration sensitive structure within the study area, will be assessed based on FTA's *Transit Noise and Vibration Impact Assessment* guidance, dated September 2018. A FTA General Construction Vibration Assessment will be performed for the heaviest activity with the greatest potential to result in structural damage. Through communication with NJ Transit, the vibration assessment will be performed based on micropile installation of monopoles. NJ Transit will provide electronic CAD files to PCA detailing monopole installation locations relative to the Bush Train Shed.

Task 2 – Findings Report

PCA will detail vibration results, calculation methodologies, and construction details within a Vibration Impact Report. Results will be compared to impact criteria provided within the FTA guidance document for the appropriate structure type. As an appendix to the Vibration Impact Report, PCA will include a draft Vibration Monitoring Plan which will detail recommended monitoring procedures, reporting protocols, vibration monitoring equipment specification and quantities, as well as *ACTION* and *STOP WORK* vibration level limits along with a communication protocol for reporting exceedances.

Respectfully,

Sharon Paul Carpenter, President

Paul Carpenter Associates, Inc.

Project Description and Fee Summary									
Project Name	Location	Total Labor Hours	Base Labor Costs	Overhead	Fee	Fully Loaded Labor Costs	Direct Expenses	Travel Expenses	Paul Carpenter Associates, Inc. Total
				173.04%	10%				
NJTRANSIT Hoboken Rail Yard Vibration Assessment	Hoboken, NJ	8	\$453.83	\$785.31	\$123.91	\$1,363.05	\$0.00	\$0.00	\$1,363.05
Tasks and Labor Hours									
Task #	Task Description	Sharon Paul Carpenter	Dayna Bowen	Bryan Fuerte	Tim Burns	Trevor Simpkin	Mike Amabile	Tara Cruz	Total
	Title	Snr. Project Mgr.	Project Manager	IT Specialist	AQ/Noise Technician	AQ/Noise Technician	AQ/Noise Technician	AQ/Noise Technician	
1	Vibration Assessment								
1A	Perform Construction Vibration Assessments	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
1B	Complete Vibration Impact Report	1.00	2.00	0.00	0.00	0.00	1.00	0.00	4.00
1C	Complete Vibration Monitoring Plan	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.50
1D	Project Coordination/Communication	1.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00
	Total Labor Hours	2.50	4.00	0.00	0.00	0.00	1.00	0.00	7.50
	2021 Base Hourly Rates	\$71.84	\$58.46	\$44.72	\$37.35	\$35.72	\$40.39	\$27.29	
	Base Labor Costs	\$179.60	\$233.84	\$0.00	\$0.00	\$0.00	\$40.39	\$0.00	\$453.83
Direct Expenses									
Task #	Description of Direct Expense					Per Unit Cost	Quantity		Total Per Task
									\$0.00
							Total Travel Expenses		\$0.00
Travel Expenses									
Task #	Employee(s)	Roundtrip Mileage	Mileage Rate	Tolls	Bridge/Tunnel Tolls	Mass Transit/Parking	Roundtrip Travel Costs	Number of Trips	Total Per Task
			\$0.560	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
								Total Travel Expenses	\$0.00



OWNERSHIP DISCLOSURE FORM

STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY - DIVISION OF PURCHASE AND PROPERTY
33 WEST STATE STREET, P.O. BOX 230 TRENTON, NEW JERSEY 08625-0230

BID SOLICITATION # AND TITLE: Hoboken Yard Signal Yard Power Construction Related Vibration Assessment

VENDOR NAME: Paul Carpenter Associates, Inc.

PURSUANT TO N.J.S.A. 52:25-24.2, ALL PARTIES ENTERING INTO A CONTRACT WITH THE STATE ARE REQUIRED TO PROVIDE A STATEMENT OF OWNERSHIP.

- | | | |
|---|-------------------------------------|-------------------------------------|
| | YES | NO |
| 1. The vendor is a Non-Profit Entity ; and therefore, no disclosure is necessary. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. The vendor is a Sole Proprietor ; and therefore, no other disclosure is necessary.
A Sole Proprietor is a person who owns an unincorporated business by himself or her-self.
A limited liability company with a single member is not a Sole Proprietor. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. The vendor is a corporation, partnership, or limited liability company . | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

If you answered **YES** to Question 3, you must disclose the following: **(a)** the names and addresses of all stockholders in the corporation who own 10% or more of its stock, of any class; **(b)** all individual partners in the partnership who own a 10% or greater interest therein; or, **(c)** all members in the limited liability company who own a 10% or greater interest therein.*

NAME	Sharon Paul Carpenter		
ADDRESS	[REDACTED]		
ADDRESS			
CITY	[REDACTED]	STATE	[REDACTED]
ZIP	[REDACTED]		

NAME			
ADDRESS			
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|--|--------------------------|-------------------------------------|
| | YES | NO |
| 4. For each of the corporations, partnerships, or limited liability companies identified above, are there any individuals, partners, members, stockholders, corporations, partnerships, or limited liability companies owning a 10% or greater interest of those listed business entities? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If you answered **YES** to Question 4, you must disclose the following: **(a)** the names and addresses of all stockholders in the corporation who own 10% or more of its stock, of any class; **(b)** all individual partners in the partnership who own a 10% or greater interest therein; or, **(c)** all members in the limited liability company who own a 10% or greater interest therein. The disclosure(s) shall be continued until the names and addresses of every non-corporate stockholder, individual partner, and/or member a 10% or greater interest has been identified.*

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5. As an alternative to completing this form, a Vendor with any direct or indirect parent entity which is publicly traded, may submit the name and address of each publicly traded entity and the name and address of each person that holds a 10% or greater beneficial interest in the publicly traded entity as of the last annual filing with the federal Securities and Exchange Commission or the foreign equivalent, and, if there is any person that holds a 10% or greater beneficial interest, also shall submit links to the websites containing the last annual filings with the federal Securities and Exchange Commission or the foreign equivalent and the relevant page numbers of the filings that contain the information on each person that holds a 10% or greater beneficial interest.*

* Attach additional sheets if necessary



DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN FORM

STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY - DIVISION OF PURCHASE AND PROPERTY
33 WEST STATE STREET, P.O. BOX 230 TRENTON, NEW JERSEY 08625-0230

BID SOLICITATION # AND TITLE: _____

VENDOR/BIDDER NAME: Paul Carpenter Associates, Inc.

Pursuant to N.J.S.A. 52:32-57, et seq. (P.L. 2012, c.25 and P.L. 2021, c.4) any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must certify that neither the person nor entity, nor any of its parents, subsidiaries, or affiliates, is identified on the New Jersey Department of the Treasury's Chapter 25 List as a person or entity engaged in investment activities in Iran. The Chapter 25 list is found on the Division's website at <https://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>. Vendors/Bidders must review this list prior to completing the below certification. If the Director of the Division of Purchase and Property finds a person or entity to be in violation of the law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

CHECK THE APPROPRIATE BOX

I certify, pursuant to N.J.S.A. 52:32-57, et seq. (P.L. 2012, c.25 and P.L. 2021, c.4), that neither the Vendor/Bidder listed above nor any of its parents, subsidiaries, or affiliates is listed on the New Jersey Department of the Treasury's Chapter 25 List of entities determined to be engaged in prohibited activities in Iran.

OR

I am unable to certify as above because the Vendor/Bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the New Jersey Department of the Treasury's Chapter 25 List. I will provide a detailed, accurate and precise description of the activities of the Vendor/Bidder, or one of its parents, subsidiaries or affiliates, has engaged in regarding investment activities in Iran by completing the information requested below.

Entity Engaged in Investment Activities
Relationship to Vendor/ Bidder
Description of Activities

Duration of Engagement
Anticipated Cessation Date

Attach Additional Sheets If Necessary.

CERTIFICATION

I, the undersigned, certify that I am authorized to execute this certification on behalf of the Vendor/Bidder, that the foregoing information and any attachments hereto, to the best of my knowledge are true and complete. I acknowledge that the State of New Jersey is relying on the information contained herein, and that the Vendor/Bidder is under a continuing obligation from the date of this certification through the completion of any contract(s) with the State to notify the State in writing of any changes to the information contained herein; that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification. If I do so, I will be subject to criminal prosecution under the law, and it will constitute a material breach of my agreement(s) with the State, permitting the State to declare any contract(s) resulting from this certification void and unenforceable.

Sharon Paul Carpenter

Digitally signed by Sharon Paul Carpenter
DN: cn=Sharon Paul Carpenter, o=Paul Carpenter
Associates, Inc., ou,
email=sharonpc@pcainoisetraffic.com, c=US
Date: 2021.09.02 07:46:34 -04'00'

9/2/2021

Signature

Date

Sharon Paul Carpenter, President

Print Name and Title

Certification 25602

CERTIFICATE OF EMPLOYEE INFORMATION REPORT
RENEWAL

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of **15-OCT-2019** to **15-OCT-2026**

PAUL CARPENTER ASSOCIATES, INC.
7 COLUMBIA TURNPIKE, SUITE 101
FLORHAM PARK NJ 07932



Elizabeth Maher Muoio

ELIZABETH MAHER MUOIO
State Treasurer