



# Massachusetts Bay Transportation Authority

MBTA Construction Services Contract No. S01CN09  
On-Call Roofing 3, Systemwide  
Construction Contract Award

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MBTA Board of Directors

December 16, 2021

Christopher Hanlon, AIA, Capital Delivery

# Project Overview

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- Today's board action will provide urgent replacement of thirteen (13) existing facility roofs in Boston, Brookline, Malden, Medford, Quincy and Watertown, Massachusetts. This contract will also allow, on an on-call basis, the ability to respond to emergencies and/or urgently needed roof repairs. These locations include:

1. Reservoir Carhouse
2. Cabot Automotive Repair Shop
3. Cabot Motormen's Lobby
4. Cabot Trackworkers' Lobby
5. Cabot Steam Plant
6. Watertown Carhouse
7. Wellington Station
8. North Quincy Station
9. JFK/UMass Station
10. Malden Station – Unit Substation
11. Sullivan Square Station
12. Charlestown Engineering & Maintenance Building # 2
13. 45 High Street



# Completed Previous Roofing Project Overview

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## S01CN07 Built-Up Roofing

- Charlestown Cashier Building
- Quincy Bus Garage (Hancock Street)
- Albany Street Bus Garage
- Charlestown Edward Connolly Building
- Charlestown Rail Fabrication Building

## S01CN08 Single-Ply Roofing

- Cabot Signal Shop
- Charlestown Warehouse Building # 29
- Fellsway Carhouse
- Fellsway Operators Lobby
- JFK / UMass Operations Building
- JFK / UMass Station (partial)



# Bid Results

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- Project was advertised on October 6, 2021
- Engineer's Estimate was \$23,999,995.28
- Bid Opening was on November 4, 2021
- **Four (4) Bids were received:**
  - \$22,812,343.00 Reliable Roofing & Sheet Metal LLC(Low Bidder)**
  - \$24,986,751.80 Greenwood Industries
  - \$29,079,850.70 SPS New England, Inc.
  - \$35,821,926.00 Gibson Roofs Inc.

Bid analysis has been completed.



# Budget Breakdown

<b>On-Call Roofing Program</b>	<b>Project completed</b>	<b>Project completed</b>	<b>Project Advertised</b>
<b>P0126</b>	<b>S01CN07</b>	<b>S01CN08</b>	<b>S01CN09</b>
<b>Professional Services</b>	\$ 1,570,655	\$ -	\$ 449,671
<b>Construction</b>	\$ 11,946,000	\$ 5,158,970	\$ 24,000,000
<b>Other Costs</b>	\$ -	\$ -	\$ -
<b>Field Inspection</b>	\$ 565,463	\$ 580,542	\$ 1,627,024
<b>Force Account</b>	\$ 700,000	\$ -	\$ 525,000
<b>External Force Account</b>	\$ 32,668	\$ -	\$ -
<b>Materials</b>	\$ -	\$ -	\$ 30,000
<b>Project Administration</b>	\$ 987,728	\$ 488,054	\$ 2,175,213
<b>Contingency</b>	\$ -	\$ -	\$ 1,613,013
<b>TOTAL SUB-PROJECT BUDGET</b>	\$ 15,802,514	\$ 6,227,565	\$ 30,419,921
	Estimated Program Cost		\$ 52,450,000
	Total Program Budget		\$ 52,450,000



# Proposed Committee Vote

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## VOTED:

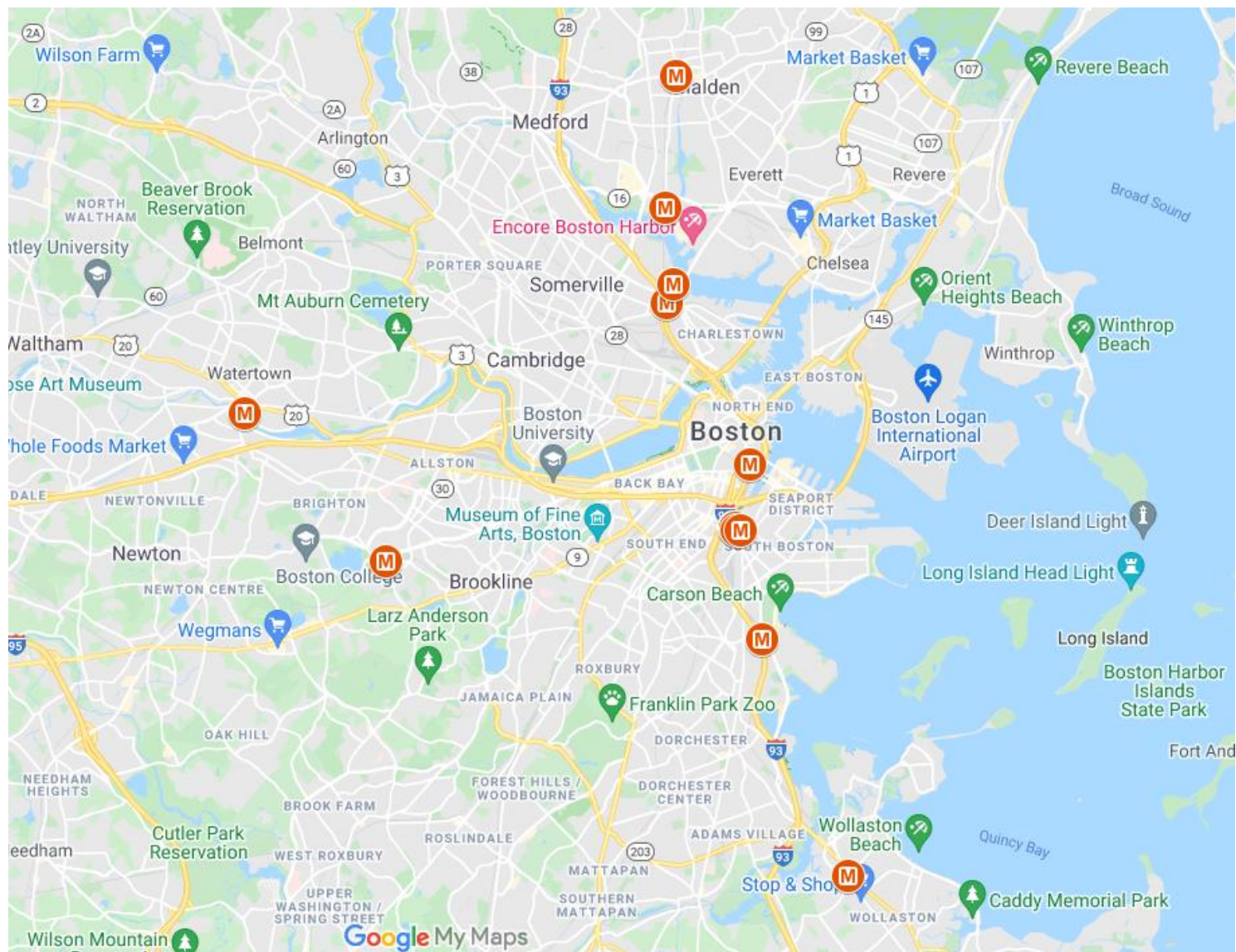
To recommend that the MBTA Board of Directors authorize the MBTA General Manager to award and execute **MBTA Contract No. S01CN09: On-Call Roofing 3, Systemwide**, (Construction Services) with **Reliable Roofing & Sheet Metal, LLC** in the amount of **\$ 22,812,343.00**, with a contract duration of thirty-six (36) months after Notice-to-Proceed.



# Appendix



# MBTA Facility Re-Roofing Locations





# Project Benefits

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## Safety

- Installation of fall protection devices will increase safety for MBTA Maintenance staff while working on roofs.
- This work will reduce liability risk for the MBTA by reducing potential hazards for both customers and staff.

## Sustainability

- Roof replacement will extend the serviceable life of the structures and the MBTA assets and personnel which they protect.

## Customer / Staff Environment Improvement

- Customers and staff will benefit from improved facility appearance

