



ABOUT THE PROGRAM

Replacing the AirTrain At Newark Liberty

Port Authority EWR Redevelopment has initiated the replacement of the existing AirTrain system at Newark Liberty International Airport (EWR).

The EWR Redevelopment AirTrain Newark Replacement Program will replace the current outmoded system with a modern, reliable 2.5-mile automated people mover train system. AirTrain Newark serves as the primary means for millions of passengers to transfer between the three passenger terminals at Newark Liberty, parking, rental car facilities, and regional rail transit via the Northeast Corridor Rail Link Station, with connections to NJ TRANSIT and Amtrak rail service. Before the COVID-19 pandemic, the AirTrain carried an average of 33,000 passengers per day, or approximately 12 million passengers per year. The existing AirTrain, in operation since 1996, is reaching the end of its useful life, requires extensive maintenance and repair, and cannot adequately meet forecasted demand.

Existing AirTrain

- AirTrain ridership is forecasted to grow by 50% by 2040, exceeding capacity of the existing system
- The existing AirTrain system is aged infrastructure (obsolete parts, aging software with increased maintenance costs)
- The existing AirTrain system cannot be expanded or upgraded to newer technology
- The current alignment will not provide desired level of service to the new Terminal A, Consolidated Rent-A-Car (ConRAC) or the future Airport layout



Local / MWBE Opportunities

Early Works Projects worth \$65M



2.5 Miles

Elevated Guideway and Three New Stations



50K Daily Passengers

State-of-the-Art Automated People Mover



70K SQ.FT.

Maintenance and Control Facility

Until the replacement AirTrain is complete, the existing AirTrain will continue to provide service to terminals, ConRAC, parking lots and the Rail Link Station.

BUSINESS OPPORTUNITIES

Phased Multi-Contract Approach

- Design & Construction of AirTrain System Technology
 - Supply of specialized rail vehicles, controls and supporting electrical and communication systems
- Operation & Maintenance of new System Technology
- Construction of Early Works and enabling projects
- Design & Construction of the Guideway and Stations
- Construction of the Maintenance and Control Facility (MCF)
- Construction of Pedestrian Connections
- Demolition of existing system components
- Operation & Maintenance of AirTrain Guideway, Stations, and MCF Facilities



The Port Authority of NY & NJ is committed to ensuring stakeholders are informed about these new exciting opportunities and their benefits. To learn about the procurement process or to list your firm as a subcontractor, please visit <https://www.panynj.gov/port-authority/en/business-opportunities/solicitations-advertisements/Construction.html>.



SUPPLIER DIVERSITY

At Port Authority EWR Redevelopment, we believe that Minority, Women-owned, Small, and Disadvantaged Business Enterprises (MWSDBE) and Service-disabled Veteran-owned Small Businesses (SDVOB) offer unique perspectives and philosophies that greatly enhance our mission. Our supplier diversity program helps these enterprises participate in Port Authority EWR Redevelopment business activities and provides diverse and inclusive contract opportunities.

The AirTrain Newark Replacement Program also offers an additional opportunity for Local Business Enterprise (LBE) firms.



In order to participate, firms must become certified with the Port Authority as a Minority, Women-owned, Small, and Disadvantaged Business Enterprise (MWSDBE) or a Service-disabled Veteran Owned Business (SDVOB) or be designated as a Local Business Enterprise (LBE). [Learn More | panynjSD.com](http://panynjSD.com)



Anticipated Work Scopes

Design Services: Architectural, Engineering (Civil, Structural, Mechanical, Geotechnical, Electrical, Plumbing); Environmental and Permitting; Automatic Train Control and Automated People Mover Systems Design; Commissioning; Construction Inspections

Construction: Foundations (Excavation, Deep Foundations – Piles, Caissons); Concrete Civil / Sitework (Drainage, Paving, Utilities); Structural Steel Fabrication / Rigging / Erection; Maintenance and Protection of Traffic; Environmental (Erosion Control); Building Envelope and Finishes / Architectural (Curtain Walls, Wall Systems, Wall Panels, Miscellaneous Metals, Flooring, Interiors, etc.); Roofing; Fire Protection; Mechanical (HVAC), Electrical, Plumbing Systems; Passenger Circulation (Elevator, Escalators, Moving Walkways); Painting; Demolition; Lighting; Signage and Information Kiosks; Landscaping (Fencing, etc.); Trucking

Guideway Equipment: Power Distribution (Includes Power Rails, Cabling); Track Equipment and Emergency Walkway; Communication System (Includes CCTV and Wi-Fi Access Points)

Station Equipment: Platform Edge Automatic Door System Installation; Communications Equipment; Signage; and Public Address Systems

Power Distribution System: Substation Power Conditioning; Equipment; Primary Power Feeders and Switchgear; Drive Machinery and Equipment Installation; Tensioning Machinery and Equipment Installation; Emergency Generators

Maintenance Facility Equipment: Conduit; Raceways; Cable Trays; Junction Boxes; Electrical Installations; Mechanical Equipment Installations

Operations & Maintenance: Mechanical and Electrical Technicians; Janitorial; Electrical Testing Firms; Fire Protection Testing Firms; Tool Certification Testing Firms; Building Maintenance; Vertical Circulation; HVAC; Customer Service

MWSDBE / SDVOB / LBE Resources

- Become a Port Authority of New York & New Jersey Minority / Women / Small / Service-Disabled Veteran-owned Business Enterprise business: <https://panynj.diversitysoftware.com>
- Questions regarding certification?
Email: certhelp@panynj.gov | Call: 212-435-7888
- Questions regarding LBE designation or on project-related matters? Connect with the Outreach Team via email: anewewr@panynj.gov.

For EWR Redevelopment Program updates and upcoming events please visit the EWR Redevelopment website, anewewr.com.



COMMUNITY BENEFIT PROGRAMS



The Port Authority of New York & New Jersey is partnering with various, qualified external partners to execute a series of thematic programs to:

- Support MWSDBEs, SDVOBs, and LBEs to better compete for prime contracts and subcontractor opportunities during the replacement of the outmoded AirTrain Newark system with a new 2.5-mile automated operation
- Enhance diversity, equity, and inclusion within agency projects / facilities
- Assist disadvantaged local middle and high school students obtain remedial assistance in STEM subjects and explore Port Authority jobs, while providing full tuition college scholarships to qualified students

Diversity Equity & Inclusion

- The Port Authority of NY & NJ is joining the African American Chamber of Commerce of New Jersey (AACCNJ), Rutgers Center for Urban Entrepreneurship and Economic Development (CUEED), and Integrity Compliance Consulting (ICC) on a business capacity training program to prepare local Minority, Women-Owned, Small, and Disadvantaged Business Enterprises (MWSDBEs) and Service-Disabled Veteran Owned Businesses (SDVOBs) to better compete for work on AirTrain Newark Replacement Program and other Port Authority Projects
- Technical assistance is provided to help improve success rates for firms on agency-issued Requests for Proposals (RFPs) and Joint Ventures (JVs)

Workforce Development & Job Creation

- **PA BUILD:** Pre-apprenticeship program where Elizabeth Development Company (EDC) will train up to 100 minorities and women from Newark & Elizabeth and assist students with union trades employment
- **General Maintainers Program:** Providing a direct pipeline of minorities and women for PANYNJ GM positions, this program will train up to 40 underemployed / unemployed residents from Newark & Elizabeth to prepare for the GM test and for potential employment as a GM
- **Office of Second Chance Employment:** Provides support to those with a criminal justice history to gain employment opportunities at EWR, as well as JFK and LaGuardia airports

Educational Programming

- **Rutgers-PANYNJ Scholarship Program:** Provides students from Newark and Elizabeth with full-tuition, four-year academic scholarships, with the added benefits of paid summer internships and post-graduation job placements
- **Kean STEM Program:** Offers local middle- and high-school students remedial work in science, technology, engineering, and mathematics courses to ensure that the student cohort is not left behind and create a pipeline for future engagement with the Port Authority at the High School level and beyond and to highlight the value of local careers with the Port Authority in STEM areas, including aviation, engineering, trades, computer science, and to connect the students with Port Authority employees in those areas through field trips and other forms of outreach



The Port Authority is collaborating with external partners to deliver these critical programs.

Building A New EWR | anewwr.com

 **Newark Liberty**
International Airport

PORT AUTHORITY
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