

# JFK International Airport The New Terminal One & ADB Safegate



Systems and Technologies for Apron Operations

*May 25, 2021*

# Redevelopment of JFK Terminal One



**9** Widebody Gates / **1** Narrowbody Gate

**0.7** million square foot building

**45** acres (current T1 site)

**All-International** traffic



**THE NEW TERMINAL ONE**  
JFK INTERNATIONAL AIRPORT

**THE NEW TERMINAL ONE**  
JFK INTERNATIONAL AIRPORT

**22** Widebody Gates / **1** Narrowbody Gate

**2.7** million square foot building

**144** acres (current T1, T2 and former T3 sites)

**All-International** traffic





# Commitment to Diversity

## Diversity efforts start with The New Terminal One's Leadership:

- **Dr. Gerrard P. Bushell**, Executive Chair of The New Terminal One and Chair of Carlyle Airport Group Holdings, is a leader with experience in government, labor and the private sector. Dr. Bushell served as the President and CEO of the Dormitory Authority of the State of NY (DASNY) where he deployed more than \$38 billion of capital and financing and managed a construction portfolio valued at over \$6 billion in construction projects all while advancing the State's M/WBE goals beyond 30% for DASNY.
- **JLC Infrastructure** is a 30% equity partner. JLC Infrastructure is a leading investment firm with a strong track record and presence in NY and is a registered MBE with the PANYNJ. JLC's participation since the inception of the project has helped to drive the commitment to fostering diversity.
- **McKissack & McKissack**, the oldest woman and minority-owned design and construction firm in the US, is leading the Project Management Office. Cheryl McKissack Daniel, its President and CEO, is actively engaged with The New Terminal One as an advisor. McKissack has a formidable track record of delivering projects that meet and often exceed MWBE goals. Its portfolio of projects includes: World Trade Center, Columbia University, Metropolitan Transportation Authority (as Independent Engineering Consultant for 8 years), Philadelphia International Airport and LaGuardia Airport.



# The New Terminal One Commitment

## Reaffirming Our Commitments

- **30% M/WBE goal (20% MBE, 10% WBE)** across all phases and disciplines of the project
- Driving New York State's nation leading **M/WBE participation for the project beyond \$1 billion**
- **Hiring goals for minorities (40% for laborers, 30% for other trades and 7% for women)**
- **Prioritization of local firms** starting with SE Queens and Western Nassau, followed by Borough of Queens and NY/NJ Port District

Dear Partners:

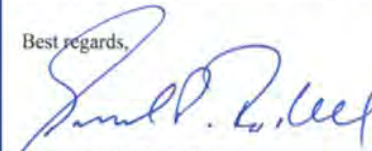
We are delivering one of the most important infrastructure projects across the globe at The New Terminal One at JFK International Airport. We are proud to partner with the Port Authority of New York and New Jersey and execute on Governor Cuomo's vision of a world-class airport. To that end, we are committed to driving innovation, excellence, and diversity and inclusion.

One of the most important themes central to our designation as the developer and operator of The New Terminal One is our commitment to "Diversity and Inclusion." We are building a business where our DNA reflects the importance of building partnerships embracing and reflecting the diversity of the JFK-area community, New York City, and the State of New York.

We require our partners to create opportunities for Minority- and Women-Owned-Business Enterprises (MWBE) and Local Business Enterprises (LBE). We expect our engagements to present plans and benchmarks to meet and exceed the 30% MWBE goals. Our procurements are designed to deliver best-in-class services and commodities. We are also looking for our partners to be strategic and innovative in how they work with MWBE and LBE firms to build capacity, grow, and employ a diverse workforce. This expectation extends to all segments of our project: finance, design and construction, operations, and commercial activity. These commitments permeate everything we do as we drive innovation and performance at The New Terminal One at JFK and deliver a world-class terminal.

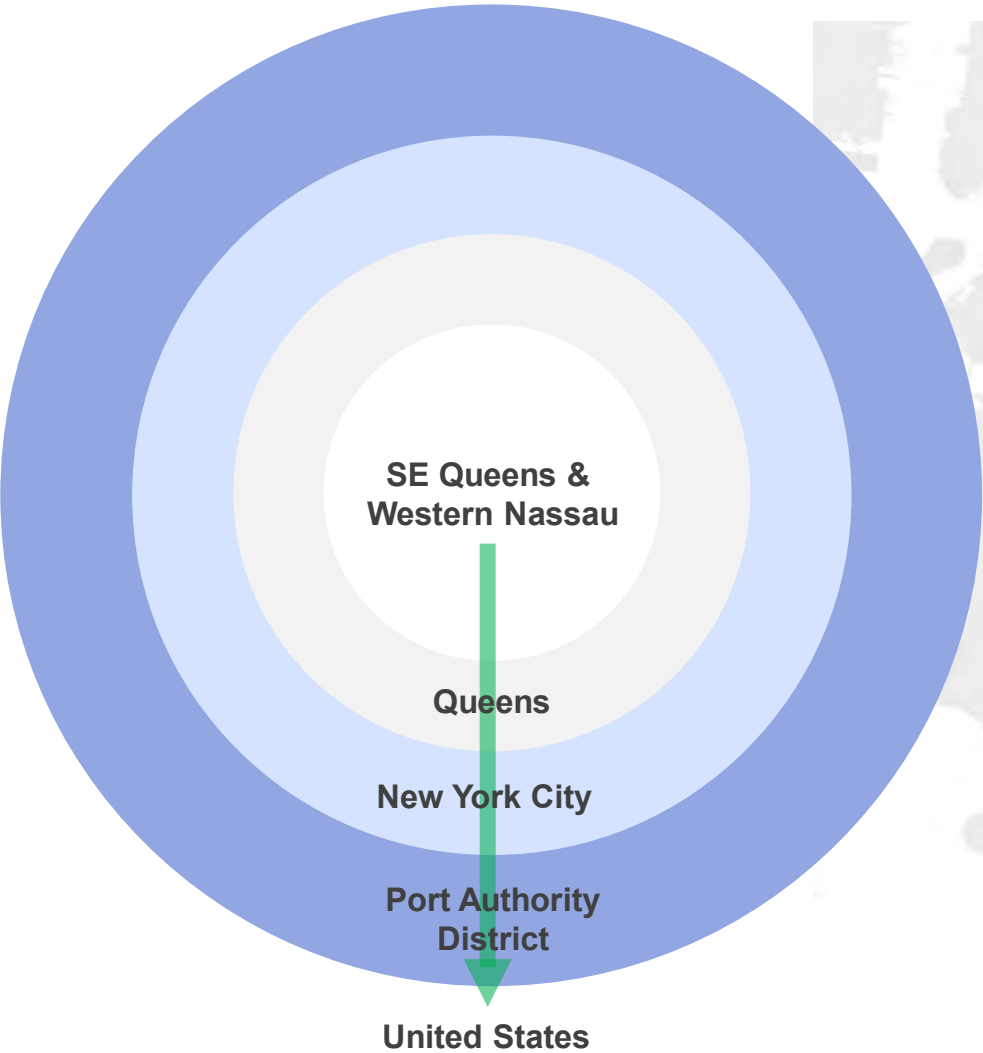
We demand your best thinking and expect you to deliver exceptional results. Our team, including Kim Hardy, Director, MWBE Participation, at [khardy@onejfk.com](mailto:khardy@onejfk.com) or (917) 405-0526, will engage with you throughout the project. We look forward to working closely with you to achieve these goals.

Best regards,



Gerrard P. Bushell, Ph.D.

# Local Prioritization for New Opportunities



# Creating Opportunities for the Community & Region

## Jobs



**5,000+** local construction jobs  
**10,000+** permanent jobs with continuity from the current Terminal One

## Local



**Creating** opportunities for local firms and residents  
**Prioritizing** 37 local zip codes, Queens and NY/NJ

## MWBE



**30% MWBE** participation goal across all disciplines and phases including at the Financial Sponsor level and professional services

## Labor



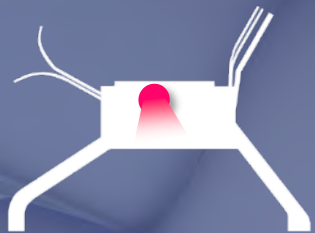
**Project Labor Agreement** with leading MWBE/local provisions  
**Building Trades** investing through Ullico as a Financial Sponsor

## Community Involvement



**Initiatives** on education, workforce, environmental and business development  
**JFK Airport Academy** to upskill local workforce





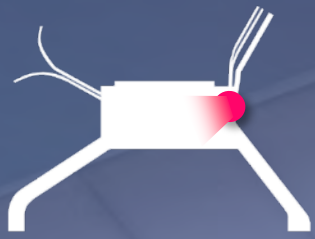
# Departures Hall



**THE NEW TERMINAL ONE**

JFK INTERNATIONAL AIRPORT





# Commercial Zone





# Presenters



## **Tom Duffy** **Strategic Initiatives & Industry Outreach**

- 31 years in aviation, the last 21 at ADB Safegate
- Business development
- Strategic partnerships



## **Svet Neov, CCM** **Project Manager**

- 10 years in airport construction
- Specializes in airport systems
- Dedicated to client satisfaction
- Manage subcontractor relationships



# 5 Solid Pillars to Support Our Customers End-to-End

Introducing ADB SAFEGATE



## Airfield

Smart visual aids to guide pilots safely to and around the airport



## Apron

Integration and data sharing for faster turnaround times and improved apron safety



## Tower

Increased throughput with smarter ATC systems to reduce complexity



## Services

The right expertise to boost airport and airline performance



## Total Airport Management

Delivering actionable data insights to optimize operational efficiency and boost capacity



# Close to Our Customers

Introducing ADB SAFEGATE

**38+** Local offices

**100+** Business partners

**45+** Nationalities

**1200+** Employees

**2500** Airports in **175+** countries

Abu Dhabi  
Amsterdam  
Annecy  
Athens  
Beijing  
Brussels  
Burlington  
Capetown  
Columbus  
Coventry  
Doha  
Dubai  
Durham  
Graz  
Hamburg  
Helsinki  
Hong Kong  
Horsens  
Istanbul  
Johannesburg  
Kuala Lumpur



London  
Madrid  
Malmö  
Manchester  
Mannheim  
Melbourne  
Miami  
Minneapolis  
Moscow  
New Delhi  
Östersund  
Paris  
Rio De Janeiro  
Rome  
Sao Paulo  
Singapore  
Stockholm  
Taipei  
Tianjin

# Experience with Port Authority Airports

Introducing ADB SAFEGATE



**Terminals 4, 5, 8**



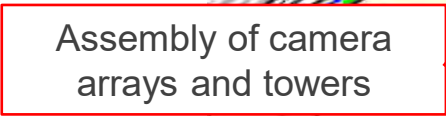
**New Terminal B, Delta**



**New Terminal A**



# Terminal Exterior



Assembly of high mast lighting (flood lighting on all aircraft stands)

Taxiway Lighting  
installation within the  
lease area

Installation of passenger boarding bridges and ground service equipment on all aircraft stands



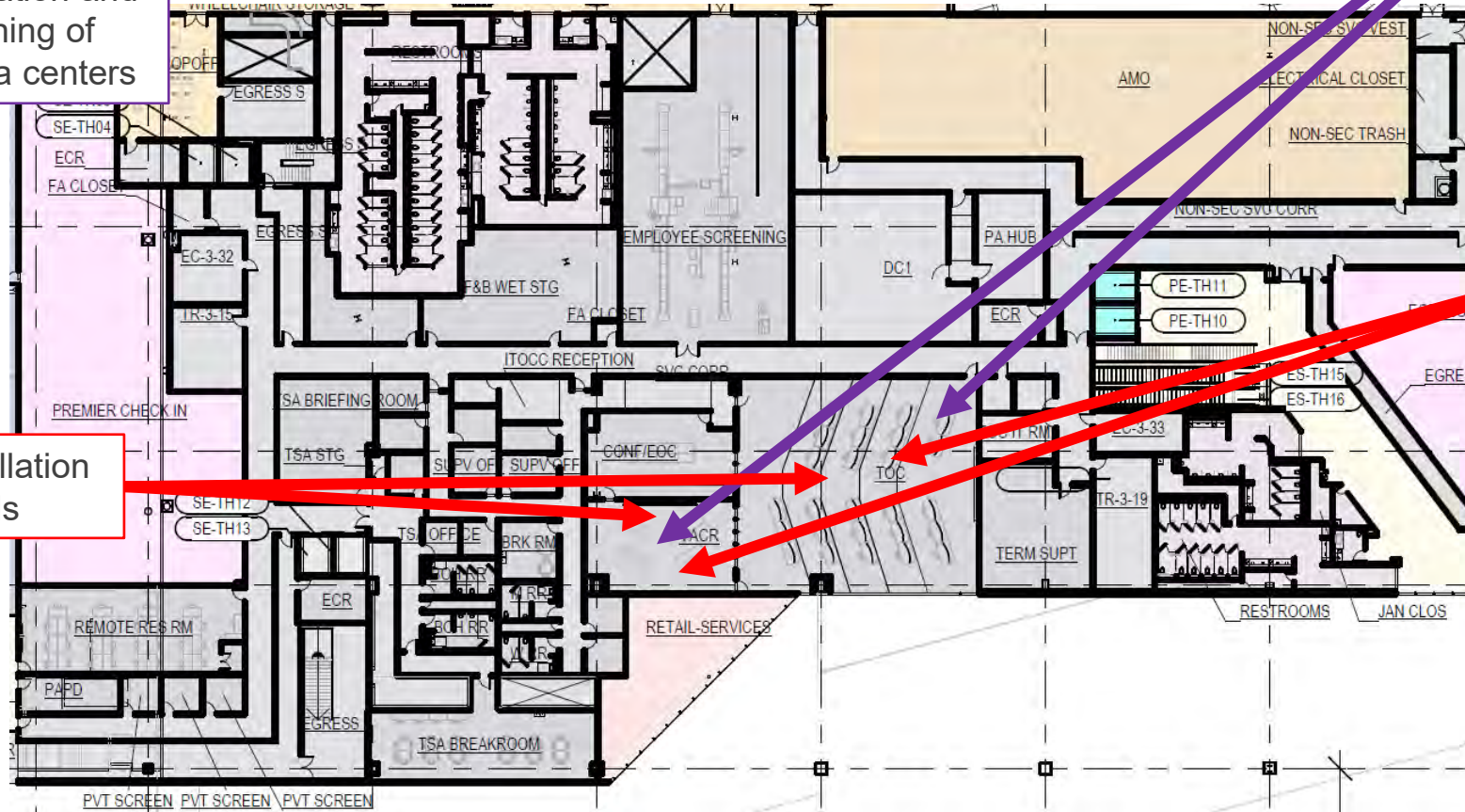
# Terminal Interior

Supply, installation and commissioning of servers in data centers

Supply and assembly of furniture

Supply, installation and commissioning of workstations and monitors

Supply and installation of video walls





# ADB Safegate & Partners



- Technology
- Operational expertise
- Integrator
- Turnkey



- Airside systems design
- Aircraft parking
- Turnkey installation of gate equipment



- Augmented apron view
- Video walls
- Turn tracking



- Apron flood lighting



- Passenger boarding bridge
- Ground power units
- Pre-conditioned air

# AERO Group – Construction and Design



The AERO Group includes two individually licensed firms, partnering to provide turnkey design-build services for the gate equipment.

Specialize in airside design and construction for 20+ years

Focus on aircraft planning, design and installation of passenger boarding bridges, ancillary equipment, docking systems, ramp striping, eGSE and fuel systems.

AERO has been working with PANYNJ airports for 20+ years.

Work culture dedicated to Safety and Quality.

Successfully partnered with M/WBE trade contractors in NY area and all across the country.

Nationwide presence - headquarters in Atlanta, GA



# Construction Scope

**AERO**  
GROUP

Installation of passenger  
boarding bridges

Installation of  
preconditioned air and  
ground power units and  
associated accessories

Installation of potable  
water cabinets

Installation of A-VDGS  
units

Installation of GSE vehicle  
charging stations\*

Pavement marking\*



# Advanced Visual Docking Guidance System & Control System

## Supply

- Safedock Type 1 AVDGS
- Operator control panel
- Mounting brackets
- Poles
- Illuminated Stand Signs
- SafeControl Apron Management (SAM) software
- SAM Servers

## Scope

- Requirements design
- Installation
- Testing
- Training
- Freight, handling, storage



SafeControl Apron Management



Smart Operator Control Panel

**AERO**  
GROUP

# Apron Flood Lighting

## Supply

- Galvanized steel poles
- Factory wired
- Wire harnesses
- TLC LED luminaires.
- LED obstruction lights

## Scope

- Requirements design
- Testing
- Training
- Documentation
- Freight, handling, storage





# Apron (Video) Surveillance

## Supply

- Cameras & towers at 5 locations
- Computers and monitors
- Software & Licenses

## Scope

- Requirements design
- Installation of:
  - Cameras on towers
  - Rugged switches
  - Camera towers on foundations
  - Servers
  - KVM Switches
- Testing
- Training
- Freight, handling, storage



Camera array



# Airfield Ground Lighting & Controls

## Supply

- Inset LED airfield lights
- Deep cans, snowplow rings & steel covers
- Isolating transformers and connector kits
- Constant current regulators
- Primary AGL cable
- ILCMS Masters
- ALCMS/ILCMS cabinet and screens

## Scope

- Requirements design
- Installation of light fittings
- Installation of regulators & controls
- Testing
- Training
- Freight, handling, storage



# Baggage Reconciliation System (BRS)

## Supply

- Servers / Workstations
- Bagtag hand scanners
- Storage cabinets
- Battery chargers
- Software

## Scope

- Requirements design
- Installation
- Testing
- Training
- Documentation
- Freight, handling, storage





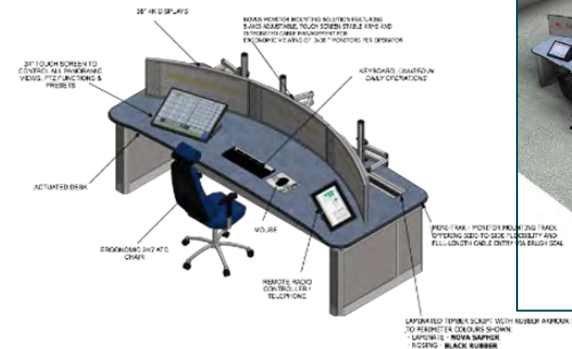
# Virtual Apron Control Room (VACR)

## Supply

- Video Wall monitors, computers and stands
- 3 monitors per desk
- Redundant workstations
- Servers
- Various software systems
- Video wall stand
- Desks
- Chairs
- Monitor mounts
- Desk Lighting

## Scope

- Requirements design
- Installation
- Commissioning
- Testing
- Training
- Furniture assembly



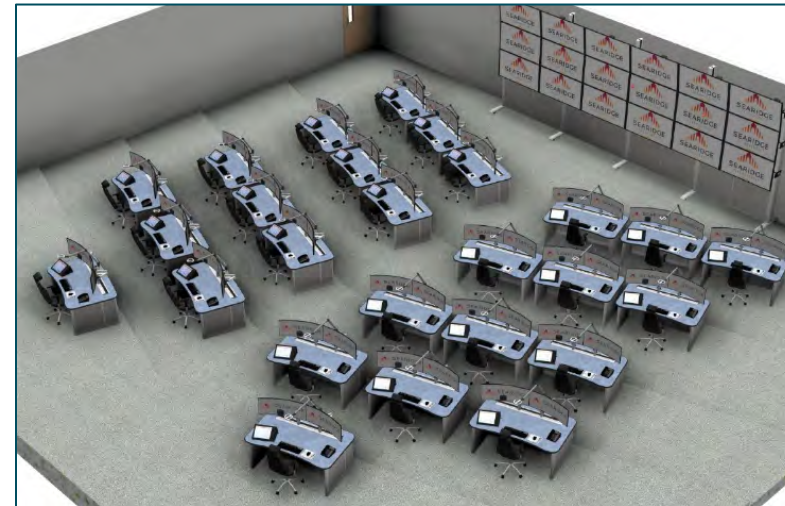
# Integrated Technical Operations Control Center (ITOCC)

## Supply

- Video Wall monitors and computers
- Video Wall Management System / Controller
- 2 monitors per desk
- Servers / Workstations
- Various software
- Back-Up ITOCC included
- Video wall stand
- Desks
- Chairs
- Monitor mounts
- Desk Lighting

## Scope

- Requirements design
- Installation
- Commissioning
- Testing
- Training
- Furniture assembly



# Scopes of Work – Summary

Scope(s) of Work	Anticipated Time Frame for Work/Service	Anticipated Contract Value
<b>Construction Management Support</b> (i.e. Program Management/Staff Augmentation; PM, CM, Schedulers)	Q1 2022 - Q2 2027	\$\$
<b>Engineering</b> (Specification writing, Structural, MEP-support services)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$
<b>Electrical Contractors/Suppliers</b> (High/Low Voltage)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$\$\$
<b>Mechanical Contractors</b>	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$
<b>Equipment Rental</b> (scissor lifts, Lulls)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$
<b>Crane</b> (with operator)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$
<b>Dumpsters</b> (Roll off Containers)	Q2 2023 - Q2 2026	\$
<b>Escorting Services</b> (i.e. equipment, workforce)	Q4 2025 - Q3 2026	\$
<b>Janitorial Services</b> (Final clean, interior and exterior)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$
<b>Metal Fabrication/Manufacturing</b> (specialty/steel)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$
<b>Plumbing</b> (installation, piping)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$

KEY	
\$	Up to \$500,000
\$\$	\$500,000 - \$1,499,999
\$\$\$	\$1,500,000 - \$4,999,999
\$\$\$\$	Over \$5,000,000



# Scopes of Work – Summary

Scope(s) of Work	Anticipated Time Frame for Work/Service	Anticipated Contract Value
PPE Supplier	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$
Ramp Striping (Line Striping)	Q3 2024 - Q4 2024 Q2 2026 - Q3 2026	\$
Safety Consultants (inspector)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$
Temporary Labor (Union labor)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$\$\$
Trailers (modular offices)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$
Shipping/Transportation/Trucking (Flatbed)	Q3 2023 - Q4 2024 Q4 2025 - Q3 2026	\$
Warehousing (staging equipment)	Q2 2024 - Q2 2027	\$
Furniture (Assembly/Furnish and Install)	Q4 2023 - Q3 2024	\$
IT Hardware & COTS components - Furnish and/or Supply (i.e. servers, computer, screens, cameras)	Q2 2023 - Q4 2026	\$\$
Video Walls & Controller - Supply and install	Q4 2023 - Q3 2024	\$
High-Definition Camera Arrays - Supply and install	Q4 2023 - Q3 2024	\$
Training	Q3 2024 - Q4 2024 Q1 2027 - Q2 2027	\$

KEY	
\$	Up to \$500,000
\$\$	\$500,000 - \$1,499,999
\$\$\$	\$1,500,000 - \$4,999,999
\$\$\$\$	Over \$5,000,000

# Next Steps



## Express Interest

Send expressions of interest and questions to

[jfkt1@adbsafegate.com](mailto:jfkt1@adbsafegate.com)

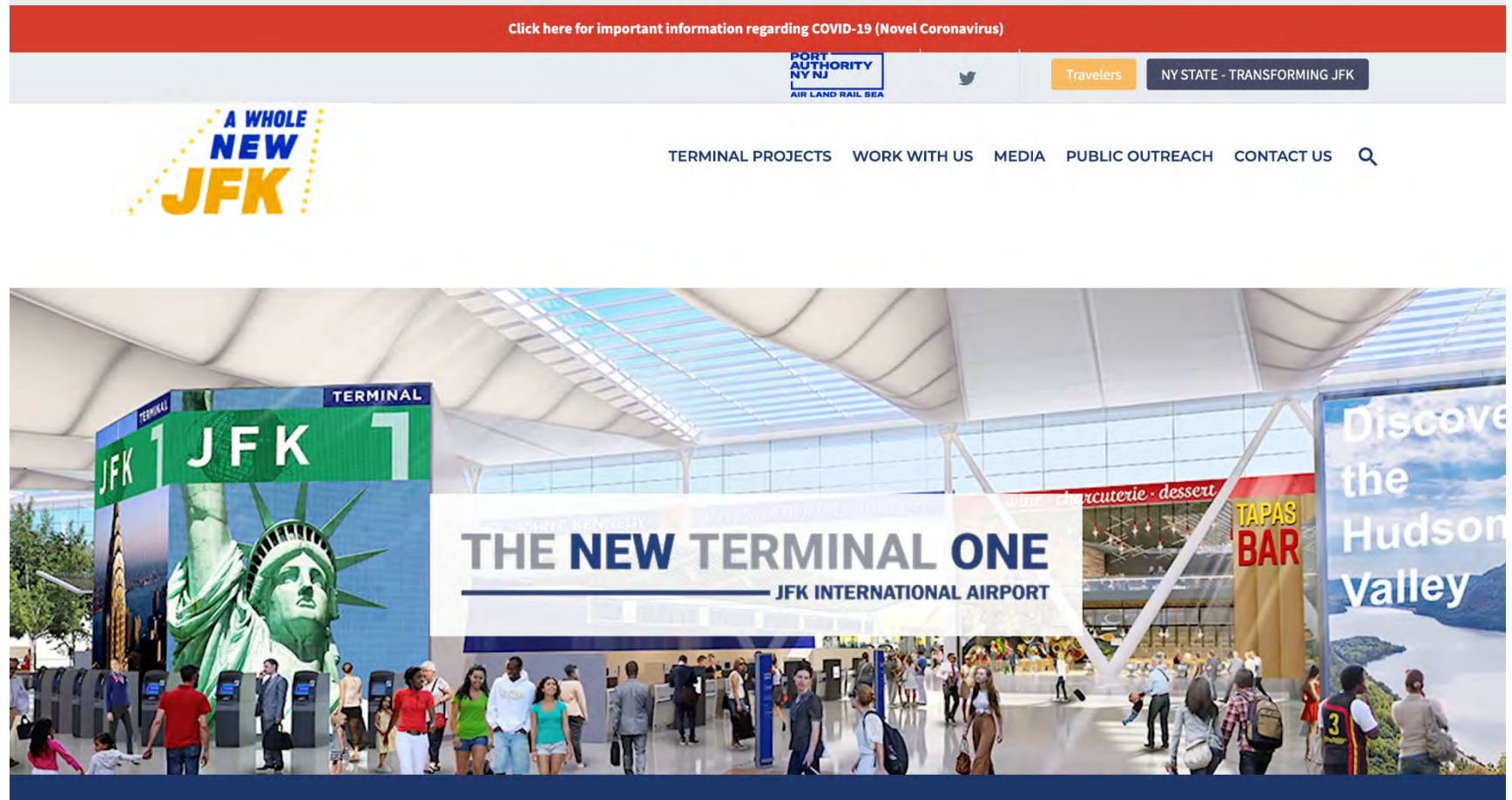
The following information is important to include in your e-mail:

- Company Name
- Summary Description of the Company
- Core Capabilities
- Description of Major Services Offered

# Stay Connected with The New Terminal One

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JFK INTERNATIONAL AIRPORT

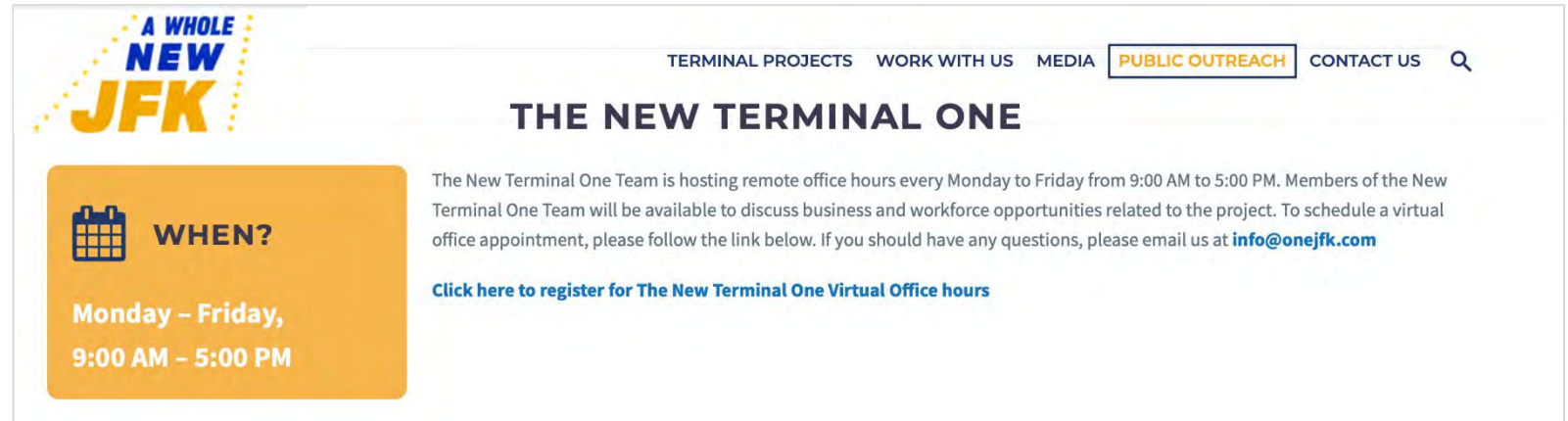


# Stay Connected with The New Terminal One

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Community Events for

Virtual Partner Outreach  
Days



The screenshot shows the website for 'A Whole New JFK'. The header includes navigation links: TERMINAL PROJECTS, WORK WITH US, MEDIA, PUBLIC OUTREACH (highlighted), and CONTACT US. The main heading is 'THE NEW TERMINAL ONE'. Below this, a text block states: 'The New Terminal One Team is hosting remote office hours every Monday to Friday from 9:00 AM to 5:00 PM. Members of the New Terminal One Team will be available to discuss business and workforce opportunities related to the project. To schedule a virtual office appointment, please follow the link below. If you should have any questions, please email us at [info@onejfk.com](mailto:info@onejfk.com)'. A link is provided: 'Click here to register for The New Terminal One Virtual Office hours'. On the left, there is a calendar icon and a box titled 'WHEN?' containing the text: 'Monday – Friday, 9:00 AM – 5:00 PM'.


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Days


Schedule a Virtual Office Hour  
Meeting via our online portal.



The New Terminal One at JFK International Airport

### New Terminal One Virtual Office Hours

 45 min

 Web conferencing details provided upon confirmation.


The New Terminal One Team is hosting Virtual Office hours, Monday through Friday from 9:00am to 5:00pm.

Members of the New Terminal One Team will be available to discuss opportunities for your business to participate in the iconic redevelopment project at JFK International Airport.

#### Select a Date & Time

May 2021 < > Wednesday, May 12

SUN	MON	TUE	WED	THU	FRI	SAT
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2	3	4	5	6	7	8
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30	31					

 Eastern Time - US & Canada (6:58pm) ▼

1:00pm

2:00pm

3:00pm

4:00pm

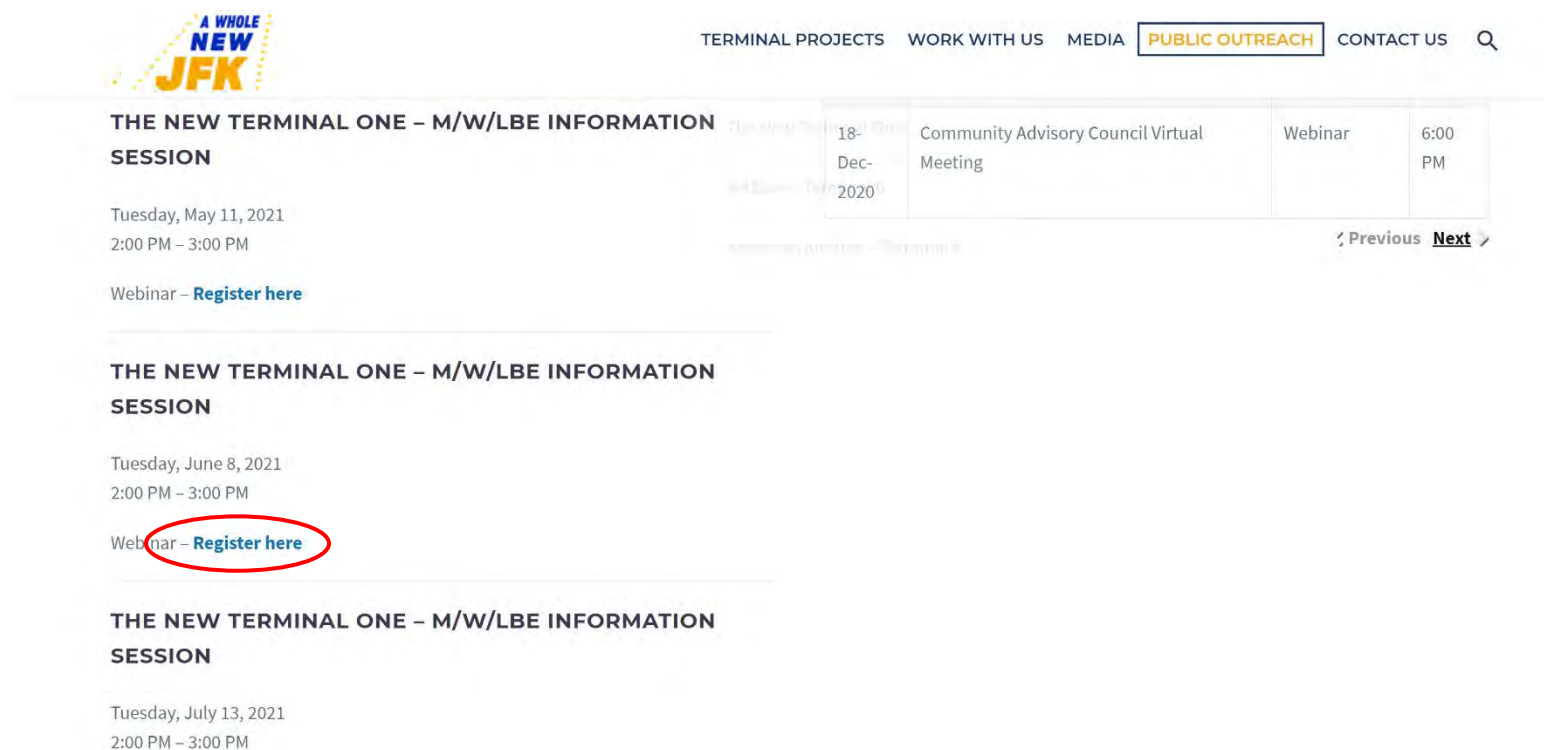
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*The Public Calendar*

*Register for our next:  
**M/W/LBE Information  
Session**  
June 8<sup>th</sup> at 2:00pm*



**A WHOLE NEW JFK**

TERMINAL PROJECTS WORK WITH US MEDIA **PUBLIC OUTREACH** CONTACT US

**THE NEW TERMINAL ONE - M/W/LBE INFORMATION SESSION**

Tuesday, May 11, 2021  
2:00 PM - 3:00 PM

Webinar - [Register here](#)

**THE NEW TERMINAL ONE - M/W/LBE INFORMATION SESSION**

Tuesday, June 8, 2021  
2:00 PM - 3:00 PM

Webinar - [Register here](#)

**THE NEW TERMINAL ONE - M/W/LBE INFORMATION SESSION**

Tuesday, July 13, 2021  
2:00 PM - 3:00 PM

18-Dec-2020	Community Advisory Council Virtual Meeting	Webinar	6:00 PM
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Previous Next



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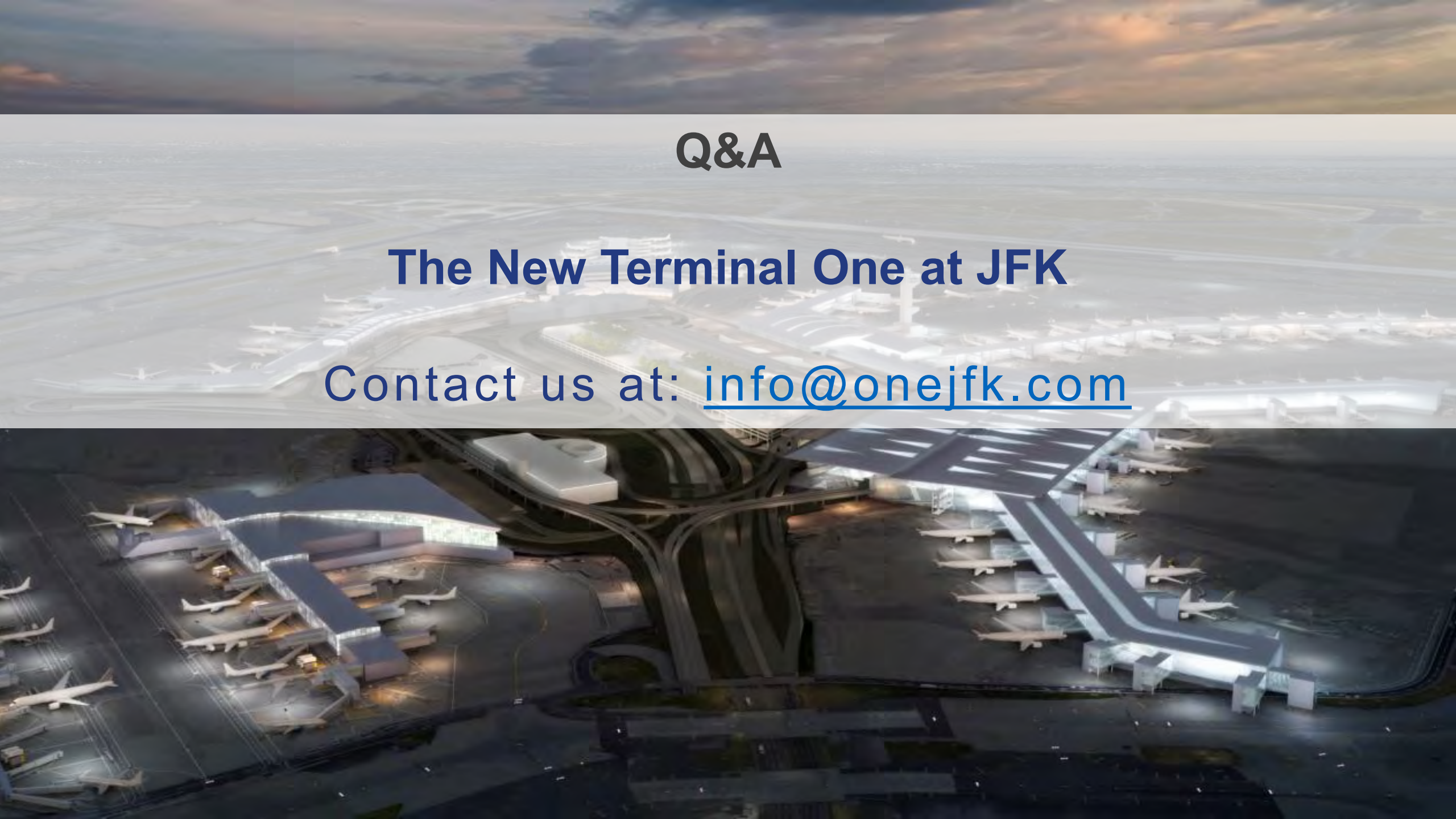
*Schedule a Virtual Meeting via*  
*our online portal.*

*Follow the Public Calendar for*  
*Upcoming events*

Next: M/W/LBE Information Session  
June 8<sup>th</sup> at 2:00pm

*For more information*  
*email us at*  
[info@onejfk.com](mailto:info@onejfk.com)



An aerial photograph of JFK airport at dusk. The sky is filled with soft, orange and pink clouds. In the foreground, the new Terminal One is under construction, with its distinctive curved, white roof structure visible. Several aircraft are parked at gates along the terminal. In the background, the existing airport infrastructure, including runways and other terminals, is visible under the twilight sky.

Q&A

## The New Terminal One at JFK

Contact us at: [info@onejfk.com](mailto:info@onejfk.com)