



# NEWS

**INFO** 





Volume 41, Edition 30E • July 24, 2025

Published by SBE, Inc. • DBE/MBE/SBE

## Two Ways Cities Can Reduce Summer Heat can help cities and homeowners be more targeted

## By Ian Smith and Lucy Hutyra

to feel like an oven, as buildings and pavement trap the sun's warmth and vehicles and air conditioners release more heat into the air. The temperature in an urban neighborhood with

When summer turns up the heat, cities can start

few trees can be more than 10 degrees Fahrenheit (5.5 Celsius) higher than in nearby suburbs. That means air conditioning works harder, straining the electrical grid and leaving communities vulnerable

to power outages. There are some proven steps that cities can take to help cool the air—planting trees that provide shade and moisture, for example, or creating cool roofs that reflect solar energy away from the

neighborhood rather than absorbing it.

is best, urban trees or cool roofs? and have been exploring the impact of tree-planting

neighborhoods across cities. What we're learning

We study heat risk in cities as urban ecologists and reflective roofs in different cities and different

But do these steps pay off everywhere? Which

in their efforts to beat the heat. The wonder of trees

### Urban trees offer a natural defense against

rising temperatures. They cast shade and release water vapor through their leaves, a process akin to human sweating. That cools the surrounding air and reduces afternoon heat. Adding trees to city streets, parks, and residential yards can make a meaningful difference in how hot a neighborhood feels, with blocks that have tree canopies nearly 3 F (1.7 C) cooler than blocks without trees. But planting trees isn't always simple. In hot,

dry cities, trees often require irrigation to survive, which can strain already limited water resources. Trees must survive for decades to grow large enough to provide shade and release enough water vapor to reduce air temperatures. Annual maintenance costs—about \$900 per tree per year in Boston—can surpass the initial planting investment. Most challenging, dense urban neighborhoods where heat is most intense are often too packed

with buildings and roads to grow more trees. Small Business Exchange • Voice of Small, Emerging, Diversity-Owned Businesses Since 1984



## Another option is "cool roofs." Coating rooftops

with reflective paint or using light-colored materials allows buildings to reflect more sunlight back into the atmosphere rather than absorbing it as heat.

Click to read more



## SBE OUTREACH SERVICES With over 1.6 million businesses in our active database—the country's largest non-public

### diversity database—SBE sets the professional

standard for diversity outreach across the nation. For more than four decades, we have served small businesses, prime contractors, and agencies—with proven results. Advertisements Placed in various Small Business Exchange

#### Northeast digital publications each month, and at www.sbenortheast.com

Fax, Email, and Postal Solicitations Targeted mailings sent to businesses chosen according to your criteria

**Live Call Center Follow-Up** Telephone follow-up calls using a script of five questions that you define

**Computer Generated Reports** Complete documentation that will fit right into your proposal, along with a list of interested firms to contact

**Special Services** Custom design and development of services that you need for particular situations such

## as small business marketing, diversity goal

completion, and agency capacity building Call for more information: 800-800-8534





### **Special Follow-Up Services** Custom design and development of services that you need for particular situations such

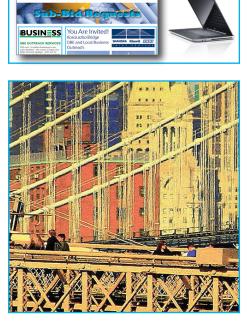
Northeast digital publications each month, and

as small business marketing, diversity goal completion, and agency capacity building Call for more information: 800-800-8534

at www.sbenortheast.com







## You're invited to the **2025 MWBE REGIONAL** OPPORTUNITIES EXPO SERIES QUEENS NEW YORK EXPO July 23, 2025 - Syracuse August 2025 - Queens The New York State Minority and Women-**Division of Minority** owned Business Enterprise (MWBE) Regional and Women's Business Development

Expo Series brings together various New York State Agencies and Authorities and prime contractors that have a significant presence in all 10 NYS regions to provide MWBE firms with information on contracting opportunities.

A Division of Empire State Development

MWBEs will be able network with state procurement officers, MWBE liaisons and private companies, listen in on panels and presentations on contracting opportunities and participate in capacity building workshops. And for the first time, the expo series

will feature live matchmaking sessions where MWBEs can connect directly to contract

opportunities that align with their business goods/services! The NYS Regional MWBE Expo Series will be held in person only and is free of charge. Registration will be required for all attendees. Register at https://esd.ny.gov/2025-mwbe-regional-opportunities-expo-series

SKANSKA

## IS SOLICITING COST PROPOSALS FROM PANYNJ CERTIFIED MBE/WBE/SDVOB AS WELL AS LBE SUBCONTRACTORS AND VENDORS

SKANSKA USA CIVIL

AirTrain Newark Replacement Program-Maintenance and Control Facility (MCF) Project PANYNJ Contract No. EWR-154.946 Bid Date: July 31, 2025 **Description of project:** Construction of the maintenance, control and operations building and the elevated maintenance

yard, as part of the program to replace the AirTrain Newark system. Project will be required to coordinate and interface with Guideway and Stations Contractor and System Technology Contractor, including phased construction. Many bidding opportunities are available: geotechnical instrumentation and monitoring, material inspection and testing, sitework, curb, sidewalk, asphalt, pavement, pavers, landscaping, fence, signs, guardrail, utilities, watermain, drainage, sewer, storm, precast, electrical, communications, fire alarm, site electric, sanitary, striping, pavement marking, concrete, rebar,

reinforcing, formwork, structural steel, plumbing, fire protection, HVAC, elevator, miscellaneous metals, railings, stairs, MPT, lockers, acoustical ceiling, exterior walls, doors, windows, metal

decking, painting, drywall, tile, carpet, vinyl base, acoustic panel, metal panel cladding, metal panels, roofing, insulation, waterproofing, trailers, cleaning, overhead doors, flooring, earthwork, dewatering, haul and dispose, contaminated soil, trucking, fills, stone, sewer cleaning, site clearing, trailers, cleaners, fireproofing, glass and glazing, concrete masonry unit, concrete block, disposal, containers, flagging, piles, groundwater treatment. If you are interested in bidding on this project, please contact Skanska's Outreach Coordinator: Aislinn.Speranza@skanska.com • EOE/Vet/Disabled SKANSKA

### MTA Construction and Development Contract No. 6401 Bid Date: August 22, 2025 Design, furnish, construct, and install concrete perimeter flood walls, seepage cut-off barriers

SKANSKA USA CIVIL IS SOLICITING COST PROPOSALS FROM NEW YORK STATE DBE SUBCONTRACTORS AND VENDORS Design-Build Services for LIRR West Side Yard Flood Mitigation Measures

below the concrete flood walls, flood gates, deployable flood barriers, sump pumps, a tide gate chamber, drainage system improvements, workable aisles and a diesel generator, an automatic transfer switch, ancillary electrical equipment, and required communications.

and mitigate flooding of the LIRR Tunnels. The flood protection along the WSY perimeter will be accomplished via a combination of permanent flood walls and deployable flood barriers. Many bidding opportunities are available: deep foundations, minipiles, jetgrout, sheeting, rebar



installation, concrete supply, site work, electrical work, painting, paving, curb and sidewalk,

This project will develop flood protection solutions for the West Side Yard in order to prevent

Small

If you are interested in bidding on this project, please contact Skanska's Diversity and Outreach Coordinator: Aislinn.Speranza@skanska.com • EOE/M/F/Vet/Disabled

Business Exchange Northeast



### Advertise ITB to Targeted (NAICS/SIC/UNSPSC) **Certified Businesses** Telephone Follow-Up (Live) Agency/Organization Letters Computer Generated Dated and **Timed Documentation** Customized Reports Available For more info contact

#### registration, including information that you need for the registration process. SBA presenters will offer addional tips, address FAQs, give

needs of attending current and soon-to-be business owners. To register for this free webinar, visit Small Businesses, via WOSB certification! https://www.sba.gov/event/65188 Are you a woman owner of a small business? Selling to the Federal Government Webinar The federal government's goal is to award

> Contact: George Tapia, 610-382-3086, george.tapia@sba.gov Fee: Free; registration required Did you know that the federal government is the

Thursday, August 28, 2025, 1:00 pm-4:00 pm

Main Sponsor(s): US Small Business Administration

largest purchaser of goods and services in the world? Interested in learning how your business can market your services or goods to the federal government? Register online at https://www. eventbrite.com/e/how-to-sell-to-the-federalgovernment-tickets-21790713611 SBA helps to ensure small businesses get fair opportunities to share federal government prime contracts. Topics will include: How to Register, Small Business

Certifications, Finding Opportunities, Marketing Your Firm, Federal Supply Schedules, Getting Paid, Tips to Prepare Your Offer, How to Seek Additional Assistance. All training sessions are held via Microsoft Teams Meeting.

## Join the Small Business Administration (SBA)

illinois.do@sba.gov

Fee: Free; registration required

at least five percent of all federal contracting dollars to woman-owned small businesses each year. Join us for training on how to register for

SBA's Woman-Owned Small Business (WOSB) program, which helps eligible small businesses to qualify for federal contracting opportunities.

The monthly sessions include an overview of

the self-certification process, and a discussion of the NAICS codes that qualify as WOSB or

EDWOSB. Register at https://www.eventbrite. com/e/woman-owned-small-business-wosb-

certification-program-tickets-1123667883889

8(a) Orientation and SAM Registration Webinar

Wednesday, August 20, 2025, 10:30 am-12:00 pm

Main Sponsor(s): US Small Business Administration Contact: SBA Illinois District Office, 312-353-4528,

**CORPORATE OFFICE** 1160 Battery Street East, Suite 100

Tel 800-800-8534 Fax 415-778-6255

San Francisco, California 94111 sbe@sbeinc.com • www.sbeinc.com www.sbenortheast.com

Copyright © 2025 Small Business Exchange, Inc.