



Why Steam Rises from New York Streets

By Linda Pool of CityLab

Editor's note: Railroad Construction Company has been awarded a contract for work on Con Edison's East River Generating Station. They invite small businesses to participate in the project. For details, see the advertisement posted below. This article from October 2015 describes the world's largest network of steam pipes.

Almost as representative of New York City as skyscrapers—though probably not as iconic—are the plumes of steam rising from beneath the ground. Sometimes, they come out of the manhole covers; other times, they blow from giant white and orange tubes, like something out of a Dr. Seuss book. Walking by them evokes a mix of curiosity and disgust. After all, how clean can something be if it's coming from underground?

But relax and take a deep breath, because that steam is usually made from water. In fact, some of the steam pouring out is the very kind used to clean the dishes in a New York restaurant, sterilize hospital equipment, and heat up cheese curds in artisan shops.

Where does it all come from?

Con Edison operates the world's largest network of steam pipes. The steam system started with just 350 customers back in the late 1800s. At its peak in the 1920s and 1930s, the pipes had 2,500 customers across more than 100,000 commercial and residential buildings, *The New York Times* reported. Today, the network runs 105 miles, delivering steam to nearly 2,000 buildings throughout the city, including the Metropolitan Museum of Art, the Empire State Building, and the United Nations headquarters. "Had it not been for the steam system, the postcard skyline that you see of Manhattan would be totally different," Saumil Shukla, vice president of steam operations at Con Edison, told *The New York Times* last year. "You'd be looking at every one of these high-rises with some type of chimney coming out of it."

The company has five power plants throughout New York, where massive boilers produce steam that gets carried out of the plants, beneath the ground, and to Con Edison's customers via a web of pipes. (See a tour of the system in this *NYT* video:



www.youtube.com/watch?v=mAB1gesb8cQ) A gallon of water can be converted into eight pounds of steam, according to *Gotham Gazette*. In the winter, as much as eight million pounds of steam can be generated each hour to keep buildings warm and

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Consolidated Edison Company of New York, Inc.
East River Generating Station
24676-12 & 24885-12

Consolidated Edison Company of New York, Inc. (Con Ed) has awarded Railroad Construction Company, Inc. (RCC) the East River Generating Station Project Number 24676-12 and 24885-12. The project consists of steel and concrete demolition and steel across a platform structure.

RCC is requesting quotes from certified Small Disadvantaged Businesses, Hub Zone Small Businesses, Woman Owned Small Businesses and Veteran Owned Small Businesses in the following categories by
Friday, September 30, 2016

- Demolition
- Doors & Hardware
- Electrical
- Engineering & Survey
- Masonry
- Mechanical/HVAC
- Structural Steel & Misc. Metals
- Trucking & Disposal

For more information please contact
Catherine Best at 973-413-1911 or
MWDBE@rccmail.net

Railroad Construction Company, Inc. (RCC) is an EEO/AA employer. RCC is constantly looking for and fully committed to doing business with certified small, minority, woman-owned, disadvantaged and disabled veteran-owned subcontractors and vendors. RCC also recruits female and minority union workers.

www.RailroadConstruction.com

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Enhanced Stations Initiative Program, Package 1
MTA New York City Transit Contract No. A-36622A
Bid Date: October 6, 2016

Description of project:
The work will include making three stations on the Fourth Avenue Line, BMT, in the Borough of Brooklyn (Prospect Avenue Station, 53rd Street Station, and Bay Ridge Avenue Station) cleaner, brighter, and easier to navigate, by utilizing means such as improved lighting and more intuitive way-finding and providing amenities such as Wi-Fi and cellular connectivity. This will involve architectural finishes (including painting and signage), structural repair and modifications, electrical (including lighting, communications, and technology) and mechanical work, as well as architectural and engineering services and surveying. There is also a required industrial design associated with station furniture and architectural elements and components to be installed within these stations.

Subcontracting opportunities include, but are not limited to:
Electrical, Architectural Restorations, Surveying, Mechanical, Painting CPM Scheduling, Plumbing, Masonry, Office Supplies, HVAC, Tile, Photography, Structural Steel, Signs, Reinforcement Steel, Miscellaneous Metals, Ceilings, Doors, Crack and Spall Repair, Janitorial Services/Cleaning, Detectable Warning Tile, Waterproofing, Platform Edge Rubbing Board, Gypsum Board, Demolition, Concrete Repairs, Cast-in-Place Concrete, Haul and Dispose Soils, Concrete and Asphalt.

If you are interested in bidding on this project, please contact Skanska's Outreach Coordinator: Julia.Omanoff@skanska.com

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IS SOLICITING COST PROPOSALS FROM
NEW YORK STATE CERTIFIED M/WBE SUBCONTRACTORS/VENDORS

Design Build Rehabilitation of the Henry Hudson Bridge
MTA Bridges and Tunnels Contract No. HH-89
Bid Date: September 27, 2016

Description of project:
Design build rehabilitation and repair of the Henry Hudson Bridge's skewbacks, viaduct piers, and lower level north abutment.

Subcontracting opportunities include, but are not limited to:
Concrete Demolition, Concrete Repairs, Concrete Supply, Concrete Reinforcing, Core Drilling, Materials Testing, Bridge Monitoring, Borings, Soil Testing, Lead Paint Removal, Painting, Material Hauling and Disposal, MPT, Landscaping, Arborist, Tree Protection, Clearing and Grubbing, Fence, Structural Concrete, Steel Repairs, Steel Bearings, Asphalt Paving, Earthwork, Marine Support, Scaffold, Erosion Control, Photo, CPM, Office Trailers, Rodent Control, Office Furniture, Downspouts, Drilled Piles, Structural Steel Fabrication, Construction Electric.

If you are interested in bidding on this project, please contact Skanska's Outreach Coordinator: Julia.Omanoff@skanska.com

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NYCTA Above Grade Facility Hardening
Contract #E-31683

Railroad Construction Company, Inc. is preparing a bid proposal for the NYCTA Above Grade Facility Hardening project consisting of flood mitigation / hardening measures at five fan plant locations in Brooklyn, Manhattan and Queens. The scope of work includes fortification of existing buildings, installation of new cladding and roofing mitigation systems, selective demolition, construction of new foundations, cast-in-place and precast concrete structures, steel framing and strengthening of existing structural elements. Quotes from DBE and non-DBE vendors, suppliers and subcontractors are being sought.

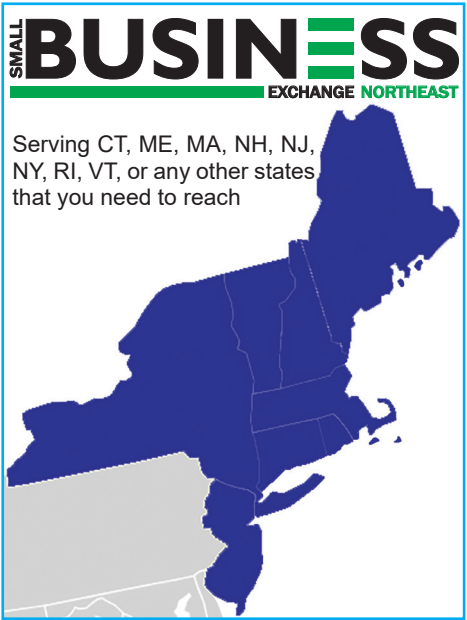
Bid Date: September 23, 2016 **DBE Participation Goal: 17%**

Railroad Construction Company, Inc. is seeking vendors, suppliers and subcontractors in the following categories:

- Aggregates
- Construction Materials
- Contaminated Waste Disposal
- Demolition
- Doors and Hardware
- Drainage
- Electrical
- Engineering
- Environmental Consulting
- Flood Control
- Glass / Glazing / Storefront
- Grouting
- HVAC
- Landscaping
- Louvers and Vents
- Masonry
- Materials Testing and Inspection
- Metal Decking
- Painting and Coating
- Pest Control
- Photography
- Precast Concrete
- Plumbing
- Restoration
- Roofing
- Sealants / Waterproofing
- Structural Concrete and Reinforcement
- Structural Steel and Misc. Metals
- Survey
- Traffic Control
- Trucking
- Utilities

For more information please contact
Dale Errico at 973-413-1832 or Catherine Best at 973-413-1911
mwdb@rccmail.net
Railroad Construction Company, Inc. is an EEO/AA Employer

George Harms Construction is seeking DBE vendors, suppliers, subcontractors
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