



# World's Most Expensive City for Construction

By Civil + Structural Engineer

New York is the world's most expensive city to build in, according to the latest International Construction Costs report published by Arcadis Design and Consultancy. The high-density Asian cities of Hong Kong, in second, and Macau, fifth, rank in the top five, along with Geneva, third, and London, fourth.

London has fallen two places since the prior year's report, largely due to the devaluation of the pound following the UK's Brexit vote, making it less expensive compared to other cities. Shanghai, in thirty-fifth, and Manila, thirty-eighth, suffer the biggest decreases overall, both dropping eight places. The highest climbers in the ranking of forty-four cities are Auckland, which is up to thirteenth, Belgrade up to thirtieth, and Taipei, fortieth, all of which rose four places compared to 2016.

"New York rises to the top globally once again due to a lack of real estate availability, accessibility issues, and high real estate prices," says David

Hudd, Arcadis Cost and Commercial Director. "To build in such a dense urban environment as NYC, you must find solutions to control costs, such as expertly handling storage, transport, and staging of building materials, identifying skilled construction firms and labor far in advance, and implementing modularized construction."

New York construction shows no signs of slowing down. The trend for the Big Apple to remain the most expensive for construction is likely to continue beyond 2017 as large-scale construction projects and international investors drive development. New York is almost fifty percent more expensive in construction costs than the national average in the US, and more than twenty percent higher than other major cities like Chicago, Los Angeles, Seattle, or Boston.

San Francisco is the second most expensive US city for hard construction costs due to its equally cramped environment, the rigorous seismic requirements and competition for contractors. Meanwhile, Houston is a bargain, relatively speaking, as the city's hard construction costs are currently ten percent below the national average.



US construction output growth is expected to increase at around three percent per year, driven by the housing market, the recovery of large metropolitan areas, and the continued investment in manufacturing as the pace of reintroducing

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## Sub-Bid Requests

**George Harms Construction** is seeking SED (MWBE) vendors, suppliers, subcontractors

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**SKANSKA**

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

**42 Trinity Place Subway Entrance**  
MTA NYCT Contract  
Bid Date: January 12, 2018

**Description of project:**  
Demolish the existing straight-run street stairway entrance P4/S3 and replace it with a new switchback street stairway entrance; demolish the existing street stairway entrance P2/S2 and construct a new concrete structural slab above existing P2/S2 stairway; construct a new ADA compliant holed hydraulic, front/back type elevator eight by ten feet extending from the street level down one level; and construct a new 150 square feet minimum elevator machine room in the unused northerly portion of the existing electrical room.

**Many bidding opportunities available.**

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

**SKANSKA**

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

**Enhanced Station Improvements Package 8**  
MTA NYCT Contract No. A-36622E  
Bid Date: January 2018

**Description of project:**  
The work to be performed under this contract consists of station component repairs at: 174-175 Streets Station, The Bronx (Concourse Line, IND) 167 Street Station, The Bronx (Concourse Line, IND) 145 Street Station, Manhattan (Lenox Avenue Line, IRT)

**Many bidding opportunities available.**

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

**SKANSKA**

SKANSKA KOCH INC.

**IS SOLICITING BIDS FROM M/WBE SUBCONTRACTORS AND SUPPLIERS CERTIFIED WITH NEW YORK CITY SMALL BUSINESS SERVICES**

**Ed Koch Queensboro Bridge Replacement of Upper Roadways**  
NYCDOT Contract No: BRC231F  
Bid Date: January 19, 2018

Subcontracting opportunities include but are not limited to Asphalt, Barrier, Bearings, CPM Scheduling, Demolition, Drainage, Electrical, Expansion Joints, Fencing, Field Trailer, Fuel, Haul and Dispose, Highway Lighting, Miscellaneous Metals, MPT, Painting, Paving, Railings, Rebar, Sandblasting, Saw Cutting, Sealing, Signs, Striping, Structural Steel, Surveying, Testing, and Trucking. Please see contract documents for further opportunities.

Interested firms please contact john.papagiannakis@skanska.com • EOE/M/F/Vet/Disabled

**AB American Bridge**

**American Bridge Company is preparing a bid on the following project:**  
**Ed Koch Queensboro Bridge Upper Roadway Replacement**  
New York Department of Transportation (NYCDOT) Contract No: BRC231F  
Bid Date: January 19, 2018

The bid submittal is scheduled for January 19, 2018. We hereby request that you submit your quotation to us January 10, 2018, on the items of work or materials that your company can supply or perform. We encourage participation of all certified MBE and WBE firms. Please email your quotation to estimating@americanbridge.net, brosdado@americanbridge.net, or submit through SmartBid software with the credentials provided.

The project's general scope of work includes the reconstruction of the upper roadway with orthotropic deck, access and protection shielding under the upper roadway, new sub floorbeams, new stringers, new cross beams, new modular deck joints, new steel traffic median barriers, new scuppers and drainage modifications, new fire standpipe, new underdeck lighting, structural steel repairs, milling of existing roadways, and paving overfill with Rospalt along the approaches. Available subcontracting and material supply opportunities for the project include, but are not limited to:

Armored Joints Supply	Impact Attenuator Installation	Pavement Markings Subcontractor
Asphalt Subcontractor	Lead Abatement Subcontractor	Safety Supplies
Bridge Electrical Subcontractor	MPT Supplies	Sawcutting Subcontractor
Concrete Ready Mix Supply	Milling and Paving Subcontractor	Scuppers Supply
CPM Scheduling Services	Miscellaneous Metals Supply	Steel Safety Shaped Barrier
Downspout Cleaning Subcontractor	Modular Expansion Joints Supply	Structural Steel Supply
Ductile Iron Downspouts	Noise Barrier/Absorber	Surveying Subcontractor
Elastomeric Bearings Supply	Office Supplies	Temporary Concrete Barrier Supply
Electrical Subcontractor	Office Trailers	Temporary Protective Shielding
Fire Standpipe Subcontractor	On-Site Tow Truck Service	Traffic Signs
Gantry Crane	Orthotropic Steel Deck Supply	Trucking Service
Graffiti Removal Subcontractor	Overhead Signs	Variable Message Signs
Hydro-Demolition	Painting Subcontractor	Waterproofing Subcontractor

American Bridge Company is interested in receiving quotes from all subcontractors, suppliers, and brokers that are bidding or are interested in quoting this project, especially from Minority- and Woman-Owned Business Enterprises (MBE and WBE) that are certified under the NYS Unified Certification Program. The NYCDOT M/WBE Utilization goal is 15 percent for this project.

Your quote must conform to all requirements of the bid documents, including but not limited to the plans, general provisions, special provisions, specifications, and contract for construction from the owner (including addenda thereto) and be in compliance with all federal, state, and local laws. In the event that your firm is awarded the project by American Bridge Company, you will be required to execute our standard subcontract or material supply agreement. Subcontractors will be required to furnish a conforming certificate of insurance along with payment and performance bonds before entering into a subcontract, the cost of which should be included in your quotation. Please be aware that if your proposed scope of work includes work over a navigable waterway of the United States, you will also be required to provide Jones Act and/or United States Longshoreman and Harbor Workers Act coverage as applicable to your scope of activities.

Should you require assistance or additional information concerning the above project, please contact Brandon Rosado at 201-592-1217.

American Bridge Company is an Equal Opportunity Employer.

**SKANSKA**

SKANSKA CIVIL NORTHEAST

**IS SOLICITING COST PROPOSALS FROM DBE SUBCONTRACTORS AND VENDORS CERTIFIED WITH THE NEW YORK STATE UNIFIED CERTIFICATION PROGRAM**

**Coney Island Yard Complex Long Term Flood Mitigation**  
MTA NYCT Contract No. C-34836  
Bid Date: January 24, 2018

**Description of project:**  
Creation of a 12,000 LF flood protection wall (sheet piling, jetgrout, and concrete) and new drainage, upgraded pump stations, new drainage outfalls into Coney Island Creek, flood gates, vehicular gates, bridge hardening, and upgrades around the 100-acre NYCT Coney Island Yard Facilities in Brooklyn, New York; creation of a cable bridge across all three yards; communications, signal, and power work throughout all three yards, including new ductbanks and manholes; emergency alarm and telephone; trackwork in affected areas of construction; structural repairs to the historic Traction Motor Shop including upgrade of the exterior building wall.

**Many bidding opportunities available.**

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

**NORTHEAST EVENTS FOR YOUR BUSINESS**

**2018**

**Small Business Legal Clinic**  
Tuesday, January 9, 2018, 5:30 pm-8:00 pm  
Business and Career Center, Brooklyn Public Library, 10 Grand Army Plaza, Brooklyn, NY  
Main Sponsor(s): Small Business Administration, SCORE Boston  
Contact: Miriam Colon, 718-797-4938, mcolon@citytech.cuny.edu  
Fee: Free; registration required  
This is a one-on-one half-hour free consultation with pro-bono attorneys who are part of the City Bar Justice Center Neighborhood Entrepreneur Law Project. Registration is required as seating is limited to sixteen registrants. Language assistance services are available for limited English proficient individuals. Special arrangements for persons with disabilities can be made by calling the SBDC at least two weeks in advance. The New York SBDC provides customized solutions through advisement, education, research, and advocacy for entrepreneurs, innovators and the small and medium enterprise community.

**Business Startup Bootcamp**  
Thursday, January 18, 2018, 8:45 am-3:00 pm  
Tip O'Neil Federal Building, 10 Causeway Street, Boston, MA  
Main Sponsor(s): Small Business Administration, SCORE Boston  
Contact: Shashkar Hegde, 617-565-5591, shegde2@gmail.com  
Fee: Free; registration required

Get your business off to a flying start with the SCORE Boston Business Startup Bootcamp. This bootcamp provides an overview of what you need to consider when you are planning to start or possibly expand a new business. It is designed to help you go from business concept to opening the doors. Key topics include: Entrepreneurship—is it for you? Is your business concept reasonable? What is a business plan? How to decide if you need one? Other key items include building your financial plan and options for financing your business. Hear some answers to key questions about finding customers, how you'll market your business to get sales, what business structure you should select, and what advisors you may need. Other resources will also be available to you at the bootcamp.

**SEO Tips, Tricks, and Truths and Finding Found Online Wednesday, January 24, 2018, 7:00 pm-9:00 pm**  
Bergen County Administration Building, One Bergen County Plaza, Room 460, Hackensack, NJ  
Main Sponsor(s): SCORE Northeast NJ  
Contact: Shashi Gupta, 201-694-2821, contact.northeastnj@scorevolunteer.org  
Fee: Free; registration required  
Getting your business found online organically can be a challenge. In this workshop, the presenter will discuss best practice tips, research tricks, and truths about getting your brand found online. Attendees will get handouts and activities to help them develop their search engine optimization plan. For more information, visit northeastnj.score.org/localworkshops. Northeast NJ chapter of SCORE is a non-profit organization dedicated to helping emerging and existing small businesses maximize their potential for success.