



DATE: 12/22/2022

## NON-CONSTRUCTION CONTRACT SOLICITATION NOTICE

MTA- NYCT IS NOW ADVERTISING FOR THE FOLLOWING:

SSE #: 0000421635

OPENING/DUE DATE: 1/26/2023

TYPE OF SOLICITATION: IFB

DOCUMENT AVAILABILITY DATE: 12/22/2022

SOLICITATION TITLE: A Three-Year Concrete Breaking Service with NYCT.

DESCRIPTION: The Contractor shall provide New York City Transit with (a) concrete breaking equipment, together with all ancillary equipment and (b) an operating engineer(s) per the attached Scope of Work.

Goals: MBE: 15%      WBE: 15%      SDVOB: 6%

Funding: MTA 100% Operating      Est \$ Range: Over \$1M-5M      Contract Term: 3 Years

☒ PRE-BID CONFERENCE

DATE: January 9, 2023

TIME: 10:00 AM

LOCATION: Virtual – Microsoft Teams

☐ SITE TOUR N/A

DATE:

TIME:

PLACE:

FOR MORE INFORMATION, PLEASE CONTACT:

PROCUREMENT REPRESENTATIVE: Boney Simon Joseph

email: [boney.simonjoseph@nyct.com](mailto:boney.simonjoseph@nyct.com)

**NEW YORK CITY TRANSIT AUTHORITY**

TECHNICAL SPECIFICATIONS

for

Three-Year Concrete Breaking Services

SSE#421635

**I. PROJECT DESCRIPTION:**

- A. The Contractor shall provide New York City Transit (“NYC Transit” or the “Authority”) with (a) concrete breaking equipment, together with all ancillary equipment and (b) an operating engineer(s) (the “Work”).
- B. The term of the Contract is three years from the Notice of Award.

**II. SCOPE OF WORK:**

- A. Upon request by NYC Transit, the Contractor shall provide NYC Transit with “SB552” Demolition Drilling Equipment (or a NYC Transit approved equal) (“Units”) including all ancillary equipment and a generator of at least 60 KW to operate each Unit (collectively referred to as “Equipment”). The Contractor may be required to supply up to (6) Units with an operating engineer at one time. All Unit(s) furnished by the Contractor shall be in good operating order and shall be able to operate safely and reliably according to the manufacturer’s specifications. The Units shall be clean, with no broken controls or leaks, no frayed or damaged electrical items and no loose hardware, moving parts or attachments.

The Contractor shall perform the Work on a “24/7” basis in eight (8) hour shifts, generally, 8AM to 4PM, 4PM to 12AM, 12AM to 8AM, 10PM to 6AM, 6AM to 2PM and 2PM to 10PM or during such hours as NYC Transit directs. NYC Transit shall, in its sole discretion, have the right to designate the hours for the Work as required by the Authority. The Contractor shall not be entitled to any additional compensation for Work performed by the Contractor at hours NYC Transit directs. The Project Manager shall have the authority to identify the required hours and direct the Contractor accordingly. The Authority shall have the right, in its sole discretion, change the Work hours by providing written notice to the Contractor via e-mail or fax..

- a. Debris created by the Contractor will be removed by the Authority.
- B. The Contractor shall pick up the Unit(s) from the NYC Transit work yard(s) and the generators from the job site immediately following the completion of the Work. The Authority will be responsible for transporting the Unit(s) on a flatbed railroad car to and from the area where work will be performed. NYC Transit shall not be required to pay for transportation charges when the Unit(s) and/or generator(s) are delivered to NYC Transit yards or jobsites. No delivery charges shall be charged or due from NYC Transit if the Equipment is left on NYC Transit property from the prior week. The Contractor shall not be permitted to charge or invoice NYC Transit for relocation of Equipment to a different yard(s) if the Equipment is moved by NYC Transit personnel (e.g. transferring of flatcars from “A” to “B” division having the Equipment loaded on it). When the Equipment is laid over, the Authority will provide fuel to refill the generator, if necessary, for usage of the Unit(s).
- C. Upon notice by the Project Manager, the Contractor shall proceed to the designated Work location and install the SB552 or NYC Transit approved equivalent power cables in advance of the scheduled Work date to ensure timely commencement of the Work. The Contractor will be paid for such advance installation in accordance with the applicable line item in the Price Schedule. The Contractor shall receive payment as set forth in the Price Schedule for any power cables that are damaged or destroyed by the Authority.
- D. The Equipment must include the following:

## **New York City Transit**

### **Technical Specifications for Three-Year Concrete Breaking**

1. A “SB552” Hammer, or NYC Transit approved equal, with the ability to break concrete at a rate of at least 600 blows per minute and rated at 1000 ft. lbs. force or more.
  2. A swing brake for the breaker arm in case of power loss.
  3. A generator set, with a maximum of 1,000 feet of cable length, to supply power to the concrete breaker, which meets the following requirements:
    - a. (a) Minimum of 60KW; (b) Tier 4 Final compliant; and (c) include sufficient noise abatement technology to ensure that the exposure to noise 90 dBA per 8-hour exposure limit. (d) The concentration of the following substances of the generator emissions shall not exceed:
      - i. Nitrogen Dioxide (1 part per million; short term exposure limit/STEL)
      - ii. Nitric oxide (25 PPM; permissible exposure limit/PEL)
      - iii. Carbon Monoxide (35 PPM)
      - iv. Diesel Particulate Matter/elemental carbon (respirable particulate limit of 5 milligrams per cubic meter – mg/m<sup>3</sup> PEL.)
      - v. Formaldehyde – 0.75 PPM PEL/0.50 PPM Action Limit/2 PPM STEL
      - vi. Acetaldehyde – 100 PPM PEL/150 PPM STEL
      - vii. Crotonaldehyde – 2 PPM PEL
  4. A General Contractor grade water hose, with required adapter, to connect to NYC Transit’s provided hose for water supply.
  5. Any necessary modifications to /equipment that do not meet this Technical Specification shall be at the Contractor’s sole expense.
- E. The Contractors shall provide at no additional cost to the Authority, replacement parts and repairs necessary to maintain the Equipment in safe, reliable and good working order including, but not limited to, Caterpillar type treads. The Contractor shall bear the cost of any and all replacement parts, repairs, and associated downtime.
- F. The Contractor shall for the performance of the Work install a water sprayer adapter on the hammer, with a nozzle and water hose to control dust to a minimum.
- G. The Contractor shall provide ultra-low sulfur diesel fuel, all accessories and consumable parts for the Unit(s) for the entire term of the Contract.
- H. The Unit(s) shall have remote control capabilities.
- I. The Unit(s) shall be capable of operating up to a maximum of 1,000 feet from its power supply.
- J. The Unit(s) shall be capable of breaking up concrete track within the NYC Transit System for periods up to 72 hours.

### **III. RESPONSIBILITIES OF NYC TRANSIT**

- A. NYC Transit will provide the Contractor with all applicable work permits, traffic cones, and barricades for the operation of the generator on the street.
- B. Ramps will be provided by NYC Transit for loading and unloading the Units and NYC Transit skid loaders on and off flat cars onto the track bed.
- C. NYC Transit will remove all debris created by the Contractor.

**New York City Transit**  
**Technical Specifications for Three-Year Concrete Breaking**

**IV. CONTRACT STAFFING**

- A. The Contractor shall provide one (1) operating engineer (“Engineer”) per Unit provided for the duration of the Contract.
- B. Each Engineer shall be a journeyman, with at least three years of experience in the operation and maintenance of the Unit.
- C. The Engineer shall be responsible for the operation and day-to-day maintenance of the Unit.
- D. The Contractor shall comply with all directions from NYC Transit regarding work to be performed.

**V. SERVICE AND MAINTENANCE**

- A. The Contractor shall provide for each Unit, all required maintenance, service and repairs to ensure safe, reliable and working Units during the term of the Contract, including but not limited to, the installation of replacement caterpillar treads when necessary.
- B. The Contractor shall replace the hammer points as needed but at least by every 40 hours of use at no additional cost to NYC Transit.
- C. If the caterpillar treads become damaged or destroyed at any time during operation of the Unit(s), the Engineer shall immediately perform necessary repairs to bring the Unit(s) into safe, working order or, if the repairs cannot be performed, shall cease operation of the Unit(s).
- D. The Contractor shall be responsible for all parts, repairs of Units and other equipment at no additional cost to NYCT Transit. The Contractor shall bear all cost related to associated downtime and NYC Transit shall not be required to pay for any costs or expenses related downtime..

**VI. SAFETY PROVISIONS**

- A. No Contractor personnel (including employees, subcontractors or other representatives) shall enter onto NYC Transit tracks without proper NYC Transit Track Safety certification.
- B. All Contractor personnel who enter on to NYC Transit property shall comply with NYC Transit Safety Rules and Regulations and the Contractor shall be responsible for such compliance by its Contractor personnel.
- C. All operators shall perform all Work using Personal Protective Equipment including, but not limited to, necessary hearing protection.