

SECTION 11 82 36.10 CARDBOARD BALER

PART 1 GENERAL

1.01 REFERENCE STANDARDS

- A. ANSI Z245.5 - American National Standard for Equipment Technology and Operations for Wastes and Recyclable Materials – Baling Equipment – Safety Requirements for Installation, Maintenance, Modification, Repair and Operation; 2013.

1.02 1.01 SECTION INCLUDES

- A. A. Requirements for exterior Cardboard Baler.

1.03 1.02 REFERENCE STANDARDS

- A. A. [ANSI Z245.5](#) - American National Standard for Baling Equipment -- Safety Requirements for Installation, Maintenance, and Operation; 2013.

1.04 1.03 SUBMITTALS

- A. See Section 01 33 00 – Submittal Procedures, for submittal procedures.
- B. Product Data: Provide manufacturer’s specifications and descriptive literature, installation instructions, and maintenance information.
- C. Shop Drawings: Indicate plans for each unit or groups of units, elevations with model number, overall dimensions; construction, and anchorage details.

PART 2 PRODUCTS

2.01 CARDBOARD BALER INFORMATION

- A. Each of the Cardboard Balers must meet the following requirements.
 - 1. Baler Product Features.
 - a. a. Feed opening minimum of 39” wide by 21” high.
 - b. b. Cardboard bale weight not to exceed 45 lbs.
 - c. c. Bales must adhere to DSNY Pick-up Dimensions and Weight Guidelines.
 - d. d. Features to ensure bales meet target weight and size without user input.
 - e. e. Safety switches on all door openings.
 - f. f. Key or other feature to control access to operate baler.
 - g. g. Single phase electric for easy install.
 - h. h. Banding (non-metal) for ease of baling and user’s safety.
 - i. i. Built-in band cutter without exposed cutting surface for user’s safety.
 - j. j. Cold weather hydraulic oil.
 - k. k. Built in motor protection.

2.02 L. AUTOMATED BALE EJECTION FOR TRANSFER TO ANY TYPE OF WHEELED CART OR DOLLY.

- A. m. Capacity to collect and store data including malfunction or maintenance issue alerts, usage, number of bales created. Access to data must be provided for the life of the product.
- B. n. Operator canopy cover for outside usage with metal piping frame and a top cover of corrugated metal, as required.
- C. o. The Baler and all of its product components must be new.
 - 1. 2. Submittals: The Contractor shall provide product literature and associated data for the use, operations, and maintenance of the Balers including, but not limited to, operating, maintenance, and training Manuals.

PART 3 EXECUTION

3.01 3.01 INSTALLATION

- A. A. Baler Installation: Site plans for various Developments will be provided to the Contractor within each contract. If the Baler is installed within an existing waste yard, it will be connected to

an outdoor electrical source in the existing compactor enclosure (dog house). If the Baler is installed in a new waste yard, it will be connected to a new outdoor electrical outlet directly adjacent to the Baler.

- B. 1. The installation of the Balers shall meet the following requirements.
- C. a. There shall be no obstruction up to 5 feet in front of the Baler.
 - 1. b. Installation of electrical wiring:
 - a. Balers must be installed within close proximity of the existing power source. Electrical wiring shall be installed in a professional manner to minimize hazards and other obstruction. Installations shall meet all local building codes. Tripping hazards are not acceptable.
 - b. The size and capacity of conduit shall meet all applicable electrical codes.
 - c. A standard three prong exterior electrical outlet, 115V, 60HZ, 20 Amps must be provided.
 - d. Supervision of the installation must be performed by personnel of the Contractor who have a valid Master Electrician license in effect at the time of such installation.
 - 1) The dates and times for the delivery and installation of the Balers at the Developments, and the order in which the Balers shall be delivered and installed, shall be as reasonably determined by NYCHA upon sufficient advance notice to the Contractor.
 - 2) NYCHA may reject any Balers that do not meet the Baler Specifications. In such case, the Contractor shall promptly remove any delivered non-conforming Balers and provide replacement Balers that meet the Baler Specifications, at the Contractor's cost and expense.

3.02 3.02 TRAINING

- A. A. Following the completed installation of the Balers, the Manufacturer/Local Representative shall provide onsite training to staff designated by NYCHA. The training shall be sufficient so that NYCHA staff are proficient in the safety, operations, maintenance, and use of the Balers and shall include, but not be limited to, hands on demonstrations and the opportunities for NYCHA staff to ask questions and to receive feedback and answers. The dates and times for the training shall be as reasonably determined by NYCHA upon sufficient advance notice to the Manufacturer/Local Representative. A re-training shall be scheduled for the 3-month anniversary of installation and others shall be added on an as needed basis for the term of the Agreement and any Renewal Periods

3.03 3.03 DATA REPORTING

3.04 A. FOLLOWING INSTALLATION OF THE BALERS, THE CONTRACTOR SHALL ENSURE NYCHA HAS ONGOING ACCESS TO DATA INCLUDING MALFUNCTION OR MAINTENANCE ISSUE ALERTS, USAGE, NUMBER OF BALES FOR THE LIFE OF THE PRODUCT.

3.05 3.04 CODE REQUIREMENTS

- A. All work and material shall be in accordance with the latest regulations of all municipal and other public agencies having jurisdiction, NYC DOB Building Code, NYC DOB Plumbing Code, NYCDEP, NYC DOT street works permits and with those of the National Fire Protection Association. Any requirements specified herein which conflict with such regulations shall be referred to the Authority for decision.
- B. All electrical work must be performed by a firm in which at least one controlling Principal possesses a valid Master Electrician License that authorizes the firm to perform work within New York City.
- C. The Baler must be installed and operated according to required standards, codes, regulations and safety procedures.

END OF SECTION 11 82 36.10