

Borough of Northumberland

Vertical Baler Bid Specifications

Bids: Bids will be received until 4:00 pm September 6, 2016 and will be opened September 6, 2016 at 7:00 p.m. in the Savidge Room, 175 Orange St, Northumberland, PA 17857 (570) 473-3414

The Borough of Northumberland wishes to purchase a new **Extra High-Density Vertical Baler** for the Liberty Recycling Center located on Point Township Drive in Northumberland, PA.

Vertical Baler Specifications:

It is the intent of this specification to describe an **Extra High-Density Vertical Baler**. The following minimum specifications are required:

- A. Model: REC/BACE V63XHD or equivalent - Extra Heavy-Duty, Extra High-Density, Vertical Downstroke Baler with Never Stop System
- B. Motor: 20HP, 3:Phase, 60Hz, 208 Volts
- C. Preferred Power Unit: Submersible Pump and Motor
- D. Maximum Ram Force: 96,213 lbs
- E. Automatic Tank Heater: Must Be Included
- F. Electrical: U.L. and C.S.A. Listed Components
NEMA 4 Control Box & Controls
- G. Feed Orientation: Rear Load/Front Eject
- H. Retention Dogs: (12) 5" Gravity Retainer Dogs
- I. Tie Method: Front Tie with Rear Wire Guides Required Due to Space Constraints
- J. Bale Size – 60" wide x 30" deep x 48" high
- K. Minimum Cylinder Bore: 7"
- L. Minimum Cylinder Stroke: 60" Deep
- M. Required Features:
 - a. Solid Safety Gate for Operator Safety
 - b. Full Bale Light for Ease of Use
 - c. Safety Cable Through Main Cylinder
 - d. Poker Bar
 - e. Starter Bundle of Baling Wire
- N. One (1) New, Heavy-Duty, Integrated Conveyor Feed System with Pre-Pack Loading System and Gathering Ram Feed System as per the following specifications:
 - a. Pre-Pack Unit Hydraulics: (2) 2" Bore Cylinders with 1 ¼" Rod x 30" Stroke
 - b. Pre-Pack Unit Box: 45" x 20" x 36" with Photo Eye
 - c. Conveyor Feed Hopper: 2 Cubic Yard Minimum
 - d. Conveyor Width: 36" Wide Minimum
 - e. Conveyor Belting: ¼" PVC Belting with 2" Cleats
 - f. Skirting: 12" High Minimum
 - g. Motor: 2 HP Motor Minimum
 - h. Gearbox: 40:1 Ratio Minimum
 - i. Controls Package: Conveyor Controls Must Be Integrated with Baler and Use Photo Eyes for Automatic Operation
 - j. Conveyor Package Warranty: 1 Year Parts and Labor

Minimum Vendor Requirements:

- A. Vendor is responsible for providing freight of all equipment to site and performing the unloading, assembly and installation of the system upon arrival.
- B. Vendor is required to perform a site visit to view the building and operation and confirm that their proposed equipment will fit into the space allowed. It is preferred that bidders be able to provide parts, service and support to the Borough directly without the use of sub-contractors.
- C. Training
- D. The Borough of Northumberland shall provide three phase electric power and suitable disconnect to the baler. The Borough is tax exempt so prices shall not include PA sales tax.
- E. Owner's and service manuals
- F. Minimum Warranty:
 - 1. 1-Year Parts and Labor
 - 2. 3-Years on Major Components
 - 3. 10-Years on Welds & Frames

Conditions:

- A. All equipment to be new.
- B. Technical support after the installation of the equipment is important to the Borough of Northumberland and special consideration shall be given to vendors that employ in-house technicians to support their equipment after the sale and are located within 150 miles of the Borough's recycling center.
- C. Bid shall be valid for 60 days from bid opening.
- D. Include 3 references with contact person & phone number who are presently using your model and are located within Pennsylvania.