



Ocean County Board of Commissioners

OFFICE OF THE
OCEAN COUNTY COMMISSIONERS

Director Joseph H. Vicari
Deputy Director Gary Quinn
Commissioner Barbara Jo Crea
Commissioner Virginia E. Haines
Commissioner John P. Kelly

101 Hooper Avenue
Toms River, New Jersey
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(732)929-2005
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Board Meeting Agenda

Date: October 4, 2023 - 4:00 PM
Location: Administration Building
Room 119
101 Hooper Avenue
Toms River, NJ 08754

Agenda: Awarding a Contract for the FURNISHING, DELIVERY AND INSTALLATION OF BALER INFEED CONVEYOR to BE Equipment, Inc., the lowest qualified bidder. (B2023-167)

Official Resolution#		2023001412					
Meeting Date		10/04/2023					
Introduced Date		10/04/2023					
Adopted Date		10/04/2023					
Agenda Item		k-5					
CAF #							
Purchase Req. #		B2023-167					
Result		Adopted					
COUNTY COMMISSIONER	PRES.	ABS.	MOVE	SEC	AYE	NAY	ABST.
Vicari	<				<		
Quinn	<				<		
Crea	<			<	<		
Haines	<				<		
Kelly	<		<		<		

I HEREBY CERTIFY THAT THIS DOCUMENT IS A TRUE, COMPLETE AND ACCURATE COPY OF THIS RESOLUTION, ADOPTED BY OCEAN COUNTY BOARD OF COMMISSIONERS, NJ AT THE MEETING REFERENCED THEREON

Michelle I. Gunther

Clerk Of The Board



RESOLUTION

October 4, 2023

WHEREAS, on September 19, 2023, pursuant to legal advertisements therefor, sealed bids were received for the FURNISHING, DELIVERY AND INSTALLATION OF BALER INFEED CONVEYOR for the County of Ocean; and

WHEREAS, at the advertised time, responses was received from the following bidders:

<u>Name and Address of Bidder</u>	<u>Name and Address of Bidder</u>
BE Equipment, Inc. 1775 Wentz Road Quakertown, PA 18951 (215) 536-0700	Recycling Equipment 130-37 90 th Avenue Richmond Hill, NY 11418 (718) 441-3100

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the lowest qualified bid, according to specifications, namely that of, BE EQUIPMENT, INC., be accepted.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract for the Furnishing, Delivery and Installation of Baler Infeed Conveyor. The contract shall be in effect from date of award through October 3, 2024 a period of one (1) year, or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15 as follows:

A. BE EQUIPMENT, INC. for one (1) item, to wit:

ITEM NO. 1.

For a total line award (Item No. 1) of \$251,875.00.

2. Payments for the equipment and services to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidder in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the equipment and services shall be available within the following funding Source: Solid Waste Management O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2023-167.

5. Be it further resolved that certified copies of this Resolution shall be made available to the County Auditor, County Director of Purchase, Department of Finance, Solid Waste Management and BE Equipment Inc., the successful bidder.

BE EQUIPMENT, INC.

PROPOSAL DOCUMENT REPORT
 Bid No. TBD
 FURNISHING, DELIVERY AND INSTALLATION OF BALER INFEED CONVEYOR

Produced on: October 4, 2023
 Adopted on: October 4, 2023
 Official Resolution#: 2023001412

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Make/Model:	Delivery, A.R.O.:	Comments:
1	Furnishing, Delivery, and Installation of Baler Infeed Conveyor, As Specified, or Equal	1	EA	\$251,875.00	\$251,875.00	Green Machine	16 - 18 Weeks	

FURNISHING, DELIVERY AND INSTALLATION OF BALER INFEED CONVEYOR

ITEM #1 – FURNISHING AND DELIVERY, AND INSTALLATION OF BALER INFEED CONVEYOR, AS SPECIFIED OR EQUAL

COMPLIANCE

YES

NO

GENERAL REQUIREMENTS

Conveyors shall be Mayfran, GMI, or approved equal.

The baler infeed conveyor shall be furnished as a complete unit including all necessary accessories, fittings, mounting installation components, and any related equipment necessary for a complete operating system, all as specified herein.

Vendor shall visit the site to review the existing baler infeed conveyor which is being replaced to confirm the dimensions provided herein are accurate. *Arrangements for the visit can be made with Robert Kuhne, Division Manager, 732-367-0802.*

Shop drawings, product literature, manufacturer's installation instructions, maintenance instructions, service data, wiring diagrams, and other necessary data are to be provided for record and approval. *The conveyor shall not be ordered or delivered without the Engineer's review and approval.*

For the purposes of evaluation where an equivalent product is being proposed by the bidder, the bidder shall indicate any variation to these specifications, no matter how slight. If no variations are indicated, it shall be construed that the conveyors and equipment bid fully comply with these specifications.

The conveyors shall be the most current model.

Prior to delivery of the conveyors and equipment, it shall be the Vendor's responsibility to pre-inspect each conveyor and equipment. The conveyors and equipment shall conform to the manufacturer's new conveyors and equipment and pre-delivery specifications.

The vendor and the equipment manufacturer shall guarantee that the conveyor supplied, and all the component parts shall comply with the latest Federal Safety Standards. This shall include covers at the head and tail pulleys and chain drives as required.

A complete operation and maintenance manual for the conveyor shall be provided.

MINIMUM CONVEYOR STANDARDS

NOMINAL DIMENSIONS:

- Belt Width: 60"
- Belt Path: Lower horizontal loading area of 25', an incline section of 30' at 35 degrees, and an upper horizontal section of 3'.

FURNISHING, DELIVERY AND INSTALLATION OF BALER INFEED CONVEYOR

ITEM #1 – FURNISHING, DELIVERY AND INSTALLATION OF BALER INFEED CONVEYOR, AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

MINIMUM CONVEYOR STANDARDS (Cont'd)

HINGED STEEL BELT:

- Hinge Links:
 - 1/4" thick die-formed pans.
- Cleats:
 - Angle type 4" tall x 1/4" thick welded to hinge links @ 48" centers
- Impact Shoes:
 - Two (2) rows of 1/4" thick C1045 bar welded to the underside of each reinforcement.
 - These shall contact a load bar in the frame to limit deflection of belt under impact.
- Reinforcements:
 - Structural steel channel stiffeners welded to underside across the width of every other hinge link.
- Side Wings:
 - 4" high, 1/4" thick, interlocking with precision die-formed offset, welded to hinge links.
- Hinge Sleeve:
 - 60" long steel tubing liner over each pin through the belt hinge joint.
- Chain:
 - Side Bars: Double row, 2" wide x 3/8" thick C1045 bar, precision die punched.
 - Bushings: 3/4" I.D. x 1-1/8" O.D. x 2-5/16" long, hardened RC50-60, Press fit into inner side bars
 - Pins: 3/4" diameter C1045 bar with wear area hardened RC50-60, cottered, pin ends are milled flat to lock into outer bars.
 - Rollers: 3" diameter x 1-7/17" wide, single flange tread, made of hardened, sintered steel.

DRIVE SPECS:

- Motor:
 - 7.5 HP, 1,750 RPM variable speed electric motor, 230/460 VAC, 3-phase, 60 Hertz, TEFC, NEMA B continuous duty
- Speed:
 - 30 Ft/min.

BELT SPROCKETS:

- 6-tooth, 6" pitch, 12" Pitch Diameter, with hardened teeth at tail and head ends of conveyor.

FURNISHING, DELIVERY AND INSTALLATION OF BALER INFEED CONVEYOR

ITEM #1 – FURNISHING, DELIVERY AND INSTALLATION OF BALER INFEED CONVEYOR, AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE

YES **NO**

MINIMUM CONVEYOR STANDARDS (Cont'd)

SHAFTING:

- The head and tail shafts are to be made of C1045 cold finished steel.
- Sprocket and bearing seat are to be finish machined with shoulders to ensure permanent alignment.
- Shafts are mounted in heavy duty ball bearing pillow block with cast iron housing.

FRAME:

- Side Panels:
 - Shall be formed #7-gauge steel with enclosed 3/8" thick tracks.
 - All field connection to be bolted. Panels to be 42" min. high.
- Access Door:
 - Conveyor sides to have one pair of removable inspection panels.
- Spreaders:
 - 4" square tubing bolted to be bolted to side panels on 60" centers.
 - Side skirts to be 3/8" thick, 7-1/8" high on lower horizontal, and 7-gauge, 42" high on incline and upper horizontal.
- Side Skirts:
 - To project below side wings to provide seal to minimize leakage.
- Supports:
 - Conveyor support legs to be fabricated from heavy structural shapes
- Take-up:
 - Belt adjustment screw to be located at tail end of conveyor.
- Load Bar:
 - Frame to have a load bar in lower horizontal area, equally spaced between the carrying tracks to limit deflection of the belt under impact.
- Paint:
 - Green

BACKSTOP:

- Conveyor to be furnished with backstop to prevent conveyor belt from roll back under full load.

OILERS:

- Two (2) electric oilers, gravity fed, 1-quart capacity, 120 v solenoid.
- One located on each side of conveyor.

EMERGENCY STOPS:

- Two (2) push button, NEMA 12 emergency stops for mounting four (4) feet above the floor near the conveyor pit.

FURNISHING, DELIVERY AND INSTALLATION OF BALER INFEED CONVEYOR

ITEM #1 – FURNISHING, DELIVERY AND INSTALLATION OF BALER INFEED CONVEYOR, AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

ELECTRIC CONTROLS:

- An electric “soft start” controller in a NEMA 12 enclosure. Device to reduce the mechanical impact caused by frequent starting of the motor.

WARRANTY

Minimum of one (1) year full warranty shall be included and cover all components of the structure