



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at [wvOASIS.gov](http://wvOASIS.gov). As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at [WVPurchasing.gov](http://WVPurchasing.gov) with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

## Header 3

[List View](#)

## General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 661013

Procurement Type: Central Purchase Order

Vendor ID: VS000006291

Legal Name: Harmony Enterprises, Inc.

Alias/DBA:

Total Bid: \$0.00

Response Date: 03/03/2020

Response Time: 17:36

SO Doc Code: CRFQ

SO Dept: 0603

SO Doc ID: ADJ2000000013

Published Date: 2/24/20

Close Date: 3/4/20

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum No.2 - Recycling Baler ( Horizontal )

Total of Header Attachments: 3

Total of All Attachments: 3



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

**State of West Virginia  
 Solicitation Response**

**Proc Folder :** 661013

**Solicitation Description :** Addendum No.2 - Recycling Baler ( Horizontal )

**Proc Type :** Central Purchase Order

Date issued	Solicitation Closes	Solicitation Response	Version
	2020-03-04 13:30:00	SR 0603 ESR03032000000005047	1

<b>VENDOR</b>
VS0000006291 Harmony Enterprises, Inc.

**Solicitation Number:** CRFQ 0603 ADJ2000000013

**Total Bid :** \$0.00

**Response Date:** 2020-03-03

**Response Time:** 17:36:11

**Comments:** Thank you for the opportunity to quote our HM-60 Horizontal baler and look forward to putting our equipment in your location.

**FOR INFORMATION CONTACT THE BUYER**  
 John W Estep  
 (304) 558-7839  
 john.w.estep@wv.gov

<b>Signature on File</b>	<b>FEIN #</b>	<b>DATE</b>
--------------------------	---------------	-------------

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Recycling Baler (Horizontal)	0.00000	EA	\$101,685.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
21101709			

<b>Extended Description :</b>	Recycling Baler (Horizontal) Including inside delivery, assembly, and training for the agency on operation and maintenance of the machine.
-------------------------------	---

**Comments:** Terms need to be 50% down, 40% to ship and Net 30 on balance



Solutions For Waste Handling And Recycling

**Harmony**  
ENTERPRISES, INC.

**HM-60**

## ADDITIONAL BENEFITS OF HARMONY'S HM60 HORIZONTAL BALER

Harmony's HM60 Closed End Manual Tie Baler has several additional benefits that allow it to stand out as superior to other horizontal balers in its class. All of these added features provide owners with confidence that the baler will continue to work safely, properly, and with minimal operator interference or recycling down time.

**Here are 8 additional benefits of the HM60 that demonstrate its superiority:**

**Interlocking Chassis Construction** - This ensures that any stress produced by the baler is not placed on welds, but on the entire steel structure.

**1/2" Steel Sidewalls** - This is much more robust than that of the competition.

**HMI Interface Programming** - Allows the operator to preset and adjust machine pressure, size of bale, length of bale, weight of bale, commodity being baled, and the calibration of the conveyor upper and lower photo eyes. The ability to preset these settings eliminates the need to have a "cheat sheet" of instructions on the baler and reduces the chance of operator error.

**Wire Placement Settings** - The HMI also remembers the wire placement for different commodities and leads employees through the wire placement and tying process. For example the OCC setting might use 6 wires, while the PET setting might have 2 wires in every position, making 12. This user friendly feature ensures even occasional operators can do the job right every time.

**Auto Shear Jam Correction** - In the event of a shear jam the baler performs an automatic clearing function to clear the jam, seldom requiring operator intervention. If the jam cannot be cleared on its own, the baler will alert the operator with an audio signal and with an on-screen message identifying the problem.

**Auto Hopper Bridge Detection and Clearing** - If there are large boxes or materials lodged in the hopper, the baler will automatically attempt to correct the problem. If the baler is unsuccessful clearing the lodged material, a horn will sound to alert staff so that there is minimal down time.

**Low Oil Shutdown Alarm** - As equipment ages, a simple failure such as a blown hose can cause mortal damage to hydraulic pumps as they are run dry, not to mention damage caused by a full tank of hydraulic oil pumped onto a plant or distribution center floor. This safety feature senses an abnormal oil level drop, alerts the operator, and automatically shuts down the baler quickly before significant oil is lost or pumps are damaged.

**Automatic Bale Decompression** - Opening the door of a horizontal baler while the bale is held under pressure can be deadly. The HM60 ensures this is never done by automatically retracting the ram to fully decompress the bale before allowing the latch/door to be opened. Multiple door and latch sensors prevent the baler/operator from applying pressure while the door or latch are not fully closed and secured. These same safety features restrict ram movement if the door is in an unsafe open position during bale ejection.

*With all of the features and benefits that come with the HM60, its clear to see why this baler is in a class by itself! Call us for a free quote or no-obligation site review today!*

# HM-60

## Closed Door Manual Tie Baler



Shown With Optional Cart Tipper

### Harmony's HM-60 Horizontal Baler is the Ideal Solution For:

- Distribution Centers
- Manufacturing Plants
- Recycling Centers
- Scrap Yards

### Industry-Leading Warranty

Harmony provides an industry leading warranty of 1 year labor, 2 year parts, and 3 year structure and cylinder!

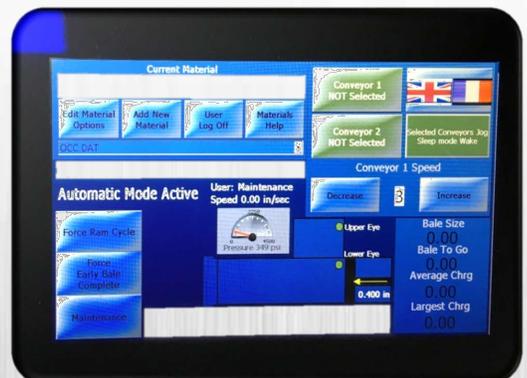


### Compare these features of the HM-60 with the competition:

- 7" HD Color Touch Screen
- 187,468 pounds of ram force - 30-50K more than competition!
- 54" x 40" Feed Opening - largest in its class!
- 400 Brinell Wear Liners
- 27-point chassis shear blade
- Automatic material retaining dogs
- High efficiency hydraulics
- Interlocking Chassis
- Over-sized cylinder mounts
- Full Eject feature that clears the chamber after each bale is made, allowing you to switch to another material without shutting down operations or contaminating your bale.

### Harmony's HM-60 Horizontal Baler

- Is built to withstand the harshest environments.
- Improves your business appearance and workplace safety.
- Increases profitability and efficiency.
- Has an optional feed conveyor available.



Color Touch Screen Display



HM-60 Horizontal Baler

**Standard HM60 Features**

- Control Panel Is UL® Listed
- Automatic Bale Decompression
- Remote Mounted Controls
- Hydraulic Door Latch
- HMI Allows User To Select Commodity Being Baled
- Meets Or Exceeds ANSI and OHSA Safety Standards

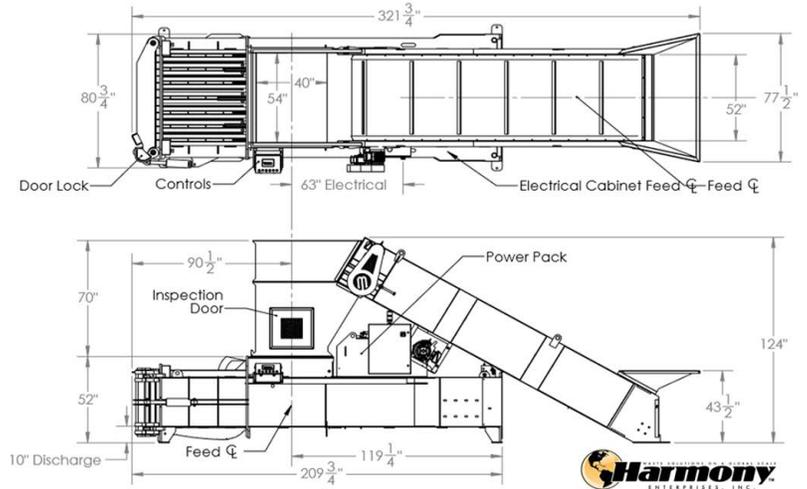
**Bale Weights Produced By HM60:**

- OCC: 1,300 lbs short stroke  
1,500 lbs long stroke
- Magazines: 1,700 lbs
- Newspaper: 1,500 lbs
- Office Paper: 1,600 lbs
- Aluminum Cans: 700 lbs
- Tin Cans: 1,250 lbs
- HDPE: 1,125 lbs
- PET: 900 lbs

\*Bale weights are approximate and may differ with moisture content, material density, and caps on PET bottles.



Harmony HM-60 Closed Door Manual Tie Baler



**SPECIFICATIONS**

Bale Size	30" x 60" x 12-50" (variable length) (762mm x 1524mm x 304.8-1270 mm)
Bale Weight (Cardboard)	1300 lbs-1500 lbs (590kg - 680kg)
Ram Force	187,468 lbs (85,034 kg)
System Pressure	3,800 PSI Operating ; 4,200 PSI Maximum
No Load Cycle Time	28 Seconds
Electrical Power	208/230/575 Volt, 3 Phase, 60 Cycle, TEFC
Motor	20 HP (30 HP Optional)
Cylinder	Dual 5.5" bore x 88" stroke
Pump	48 GPM Piston Pump
Bale Eject	Full Bale Eject
Bale Tying	Manual/Wire

**DIMENSIONS**

Overall Height	52 1/4" frame (1,320.8 mm)
Overall Length	209.75" (5,237.65 mm)
Overall Width	80.75" (2,051.05 mm)
Charge Chamber Opening	54" x 40" (1,372 mm x 1,016 mm)
Shipping Height	90" (2286 mm)
Shipping Weight	22,000 lbs (9,979 kg)
Installation and Operating Area	81" W x 322" L x 152" H with conveyor (2,058 mm x 8,179 mm x 3,861 mm)

\*Specifications subject to change without notice.



Harmony Enterprises, Incorporated  
 704 Main Avenue North  
 Harmony, MN 55939  
 www.harmony1.com

Quote Number 00012595  
 Expiration Date 4/30/2020  
 Created Date 3/3/2020  
 Terms Of Sale 50% Deposit With Purchase - 40% Prior To Equipment Shipment - 10% Net 30 Days From Equipment Shipment

Prepared By Nick Roberts  
 Phone (952) 221-8627  
 Email nroberts@harmony1.com  
 Harmony Enterprises [Warranty Policy](#) & [Terms & Conditions](#)

4% Processing Fee Will Apply If Credit Card Is Utilized To Pay Invoice.

Bill To Name Tire Rebuild Shop  
 Bill To Adjutant Generals Office  
 1707 Coonskin Dr  
 Charleston, WV 25311

Sold To Name Tire Rebuild Shop  
 Sold To Address 4194 Ohio River Road  
 Point Pleasant, WV 25550

Product	Product Code	Product Description	Quantity	Sales Price	Total Price
HM - 60	HM - 60	<p>HARMONY ENTERPRISES MODEL HM - 60 HORIZONTAL FULL PENETRATION CLOSED END MANUAL TIE BALER</p> <p>STANDARD FEATURES:</p> <ul style="list-style-type: none"> <li>* DUAL 5.5 CYLINDERS PROVIDING A PLATEN FORCE OF 187,000 POUNDS.</li> <li>* 20HP POWER UNIT</li> <li>* 100% FULL RAM PENETRATION AND FULL BALE EJECTION.</li> <li>* 6 SLOTTED WIRE BALE TIE GUIDE SYSTEM.</li> <li>* ADJUSTABLE SHEAR BLADE REVERSIBLE FOR LONGER LIFE.</li> <li>* 28 SECOND NO LOAD STROKE.</li> <li>* AUTOMATIC BALE DECOMPRESSION BEFORE DORR OPENING.</li> <li>* PLC + KEYPAD WITH READOUT CONTROLS-PRO LOGIC SCREEN/EATON PLC.</li> <li>* HYDRAULIC DOOR LATCH</li> <li>* BALE SIZE 30" X 60" X VARIABLE LENGTH</li> <li>* TOP LOAD OPENING 40"L X 54" W</li> </ul> <p>SPECIFICATIONS:</p> <p>OVERALL LENGTH: 25' 5"            OVERALL WIDTH: 6' 8"            OVERALL HEIGHT: 10' 2"            NOMINAL HOPPER SIZE: 54" WIDE X 40" LONG            PRODUCT BALE SIZE: 60" LONG X 30" HIGH X 12 - 50" VARIABLE LENGTH            NUMBER OF BALE TIES: 6            HYDRAULIC RESERVOIR: 150 GALLON            CYCLE: 28 SECONDS            RAM FACE: 109 PSI            RAM THRUST: 187,468 LBS            HYDRAULIC SYSTEM: 3,800 PSI            PUMP 48 GPM            MAIN CYLINDER: DUAL 5.5" BORE X 88" STROKE            MAIN MOTOR: 20 HP TEFC</p> <p>TOTAL PRESS WEIGHT: 18,000 LBS</p>	1.00	\$75,885.00	\$75,885.00
		FEED CONVEYOR			
		2HP MOTOR 1/4" THICK HEAVY DUTY M.O.R. RUBBER CLEATS			



WASTE SOLUTIONS ON A GLOBAL SCALE  
**Harmony**<sup>TM</sup>  
 ENTERPRISES, INC.

Harmony Enterprises, Incorporated  
 704 Main Avenue North  
 Harmony, MN 55939  
 www.harmony1.com

SB-1552	SB-1552	3" TALL "BEEFY CLEATS" ON 30" CENTERS 52" CLEAR MATERIAL PATH CONTROLS INTERFACED WITH BALER INCLUDING "E-STOP" ON CONVEYOR	1.00	\$19,600.00	\$19,600.00
Installation	Installation	Harmony Representatives To Install & Train on Equipment. Harmony Will Provide All The Necessary Equipment Needed.  Note: Installation & Training Will Take Place On The Same Visit. If An Additional Trip Is Required It Will Be Billed At Published Rates.	1.00	\$2,800.00	\$2,800.00

Total Price \$98,285.00

Shipping and Handling \$3,400.00

Grand Total \$101,685.00

Quoted prices are subject to local sales tax.