

**MOBILE COUNTY COMMISSION**

205 Government Street 8<sup>TH</sup> FL South  
Mobile, Alabama 36644

BID INVITATION

NO. 35-23

MAY 22, 2023

In accordance with General Act No. 217, Special Session 1967, notice is hereby given that the Mobile County Commission, Mobile, Alabama, will receive bids on the following items: **ONE (1) NEW GLASS PULVERIZER SYSTEM FOR MOBILE COUNTY RECYCLING CENTER LOCATED AT 7450 HITT ROAD MOBILE, AL 36695 AS PER ATTACHED BID SPECIFICATIONS:**

Any questions or comments concerning the bid requirements must be brought to the attention of Susan Holland, Purchasing Agent, 205 Government Street, 8<sup>th</sup> FL South, Mobile, Alabama 36644, [susan.holland@mobilecountyal.gov](mailto:susan.holland@mobilecountyal.gov) prior to the bid opening or will be forever waived.

All bidders shall furnish a five percent (5%) bid bond on any contract exceeding \$15,000.00: provided that bonding is available for services, equipment or materials. Bid bond will be accepted in the form of a certified check, cashier's check, or postal money order, etc.

Out of State Corporations shall furnish a Certificate of Authority to transact business in the State of Alabama. Out of State limited liability companies shall furnish proof of registration to transact business in this state. Alabama law requires that a successful bidder, if it has employees in the State of Alabama, provide proof of enrollment in E-Verify prior to the award of a contract. (See enclosed notice which must be completed, signed and returned with your bid.)

If applicable to a contract resulting from this invitation, the successful bidder must comply with the Contractor Felony Investigation Policy, available in the Purchasing Department or at [www.mobilecountyal.gov](http://www.mobilecountyal.gov).

THE MOBILE COUNTY COMMISSION DOES NOT DISCRIMINATE ON THE BASIS OF RACE, AGE, SEX, NATIONAL ORIGIN, RELIGION, OR DISABILITIES.

F.O.B. Mobile DATE OF DELIVERY \_\_\_\_\_ TERMS \_\_\_\_\_ You are invited to bid on the above specifications. The restrictions contained herein are for the purpose of fixing a quality level, and any deviation therefrom must, in detail establish that it meets the quality requirements.

BIDS WILL BE RECEIVED UNTIL 10:00 A.M. JUNE 21, 2023.

**ALL BIDS MUST BE SEALED, "BID NUMBER, COMPANIES NAME, AND NAME OF THE BID ITEM MARKED ON THE OUTSIDE OF THE ENVELOPE." THE BIDDER WILL RETURN THE ENTIRE BID PACKAGE. BIDS MUST BE DELIVERED TO THE RECEPTIONIST IN THE OFFICE OF THE COUNTY COMMISSION ADMINISTRATOR, 205 GOVERNMENT STREET ON THE EIGHTH FLOOR SOUTH TOWER OF THE MOBILE COUNTY GOVERNMENT PLAZA. FAILURE TO OBSERVE THE ABOVE INSTRUCTIONS WILL CONSTITUTE GROUNDS FOR REJECTION OF YOUR BID. THE COMMISSION RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS.**

MOBILE COUNTY COMMISSION

  
\_\_\_\_\_  
GLENN L. HODGE, COUNTY ADMINISTRATOR

We propose to meet the above specifications for the sum of

\$ \_\_\_\_\_.

Delivery can be made in \_\_\_\_\_ days from receipt of order.

RESPECTFULLY

BY \_\_\_\_\_

IMPORTANT

THIS DOCUMENT MUST BE COMPLETED, SIGNED AND RETURNED  
WITH YOUR BID

As a condition for the award of a competitively bid contract to a company having one or more employees in the State of Alabama, the Beason-Hammon Alabama Taxpayer Citizenship and Protection Act, codified at Section 31-13-1, et seq., Code of Alabama (1975), as amended, requires that the company provide, in advance, proof of enrollment in E-Verify. E-Verify is an internet based system operated by the U.S. Department of Homeland Security, which may be used to determine the eligibility of new hires to work in the United States. Further information about enrollment in E-Verify may be found at [www.uscis.gov/everify](http://www.uscis.gov/everify) and [www.Verify.Alabama.gov](http://www.Verify.Alabama.gov).

As proof of enrollment in E-Verify, Mobile County requires a copy of the electronically signed signature page of the contractor's Memorandum of Understanding with the U.S. Department of Homeland Security or Alabama Department of Homeland Security (contractors having fewer than 25 employees may enroll in E-Verify through the state Department of Homeland Security).

Please complete the following and return with your bid:

\_\_\_\_\_ (company name) has no employees in the State of Alabama

Or

\_\_\_\_\_ (company name) is enrolled in E-Verify and a copy of the electronically signed signature page of the company's Memorandum of Understanding is attached.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title



Company ID Number: 477783

To be accepted as a participant in E-Verify, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify at 888-464-4218.

Employer Mobile County Commission	
Connie Hudson Name (Please Type or Print)	Title
Electronically Signed Signature	12/21/2011 Date

Department of Homeland Security – Verification Division	
USCIS Verification Division	
Name (Please Type or Print)	Title
Electronically Signed Signature	12/21/2011 Date

Information Required for the E-Verify Program

Information relating to your Company:

Company Name:	Mobile County Commission
Company Facility Address:	205 Government Street
	8th Floor South Tower
	Mobile, AL 36644
Company Alternate Address:	
County or Parish:	MOBILE
Employer Identification Number:	838001644

Date: \_\_\_\_\_

**BID # 35-23**

**ONE NEW GLASS PULVERIZER SYSTEM FOR MOBILE COUNTY RECYCLING CENTER:**

Name of Company: \_\_\_\_\_

Company  
Representative \_\_\_\_\_  
(Print)

Company  
Representative \_\_\_\_\_  
(Signature)

Address \_\_\_\_\_  
\_\_\_\_\_

Phone Number ( ) \_\_\_\_\_ Fax Number( ) \_\_\_\_\_

Federal ID Number \_\_\_\_\_

Email Address \_\_\_\_\_

Company Web Address \_\_\_\_\_

**Please attach a current W-9.**

**GLASS PULVERIZER SYSTEM**  
**Mobile County Commission**  
**Mobile County Recycling Center**

The Mobile County Commission was awarded grant funding from the Alabama Department of Environmental Management (ADEM) for equipment at the Mobile County Recycling Center that will reduce the volume of glass deposited in landfills. This project aims to expand and enhance the applications of the glass collected at the Mobile County Recycling Center, which began operating on 11/20/2014. The grant will fund a glass pulverizer system, hoppers for loading glass into equipment and for receiving the processed materials, a pad for the equipment and storage space for the pulverized sand and gravel.

Funding for the grants is made possible through the Solid Wastes and Recyclable Materials Management Act, which was passed by the Alabama Legislature in 2008 and administered by ADEM. The legislation imposed a fee on all solid wastes disposed of in state landfills. A quarter of the proceeds generated by this fee goes to the Alabama Recycling Fund, which provides the foundation for ADEM to award the recycling grants on an annual basis.

**Proposed Equipment Specifications:**

The glass pulverizer system shall consist of new, unused standard production equipment meeting the minimum specifications stipulated herein. The equipment shall consist of the following major components:

1-Pulverizer & Trommel Screen Unit	1 + tons per hour
2-Conveyor	Sized to feed pulverizer/trommel unit
3-Feed Hopper	4 cubic yards minimum
4-Electrical Control Panel	sized to fit above system

The equipment and all components shall be designed for use outside in inclement weather. The equipment shall produce a rounded glass particle 3/8ths of an inch or smaller. The produced material shall be free of sharp edges and suitable for use in a variety of applications such as construction aggregate, pipe bedding, beach and park ground maintenance, trails, recreation areas and landscaping

The following specifications are based on an Andela GP-05L. Other makes and models which meet these minimum specifications will be considered. If an alternate pulverizer system is proposed, bidder must include with bid detailed product data information.

The pulverizer shall consist of a flexible impactor with hammer configuration with no pre-breaking required. The trommel screen will size the glass into two different sized products and remove contaminates. The pulverizer/trommel screen unit shall meet the following minimum specifications as applicable:

**Pulverizer:**

Capacity	1+ ton/hr.
Machine Input Opening	12"x12"
Barrel Diameter and Length	16" x 34"
Barrel Liner	Chromium Carbide
Motor Size	7.5 H.P.
Solid Steel Shaft	Diameter 2"

Number of Hammers	28
Hammer Type	Flailing Arm/Hardened Steel
Bearing Size	2"
Seal Protection	2 Seals at Each Shaft Bearing
Bearings	Heavy Duty, Offset Mounting
Misting Unit	Dust Suppression Unit with Water Pump – 1/12 H.P.
Drive Motor -	7.5 hp.
Motor Voltage -	230/460, 60 HZ, 3 Phase

### **Trommel Separator Screen:**

Mesh Size	Two Screen Sizes – 7/16" and 3/16"
Screen #1	24" OD x 2' long, 3/16" screen opening or to specification
Screen #2	24" OD x 2' long, 7/16" screen opening or to specification
Two Products: trash	1/8" minus glass sand, 1/8"-3/8" glass aggregate, & 3/8" plus
Screen Type	Trommel - 24 in x 4 ft. Stainless Steel Woven Wire
Enclosure Rotating Brush	Complete Sheet Metal Enclosure Service Door for Screen & Brush 7" diameter
Maintenance Features Motor Size	Central Lubrication Block, External Mount 1 H.P.
Motor Voltage	230/460 VAC, 60 HZ, 3 Phase
<u>Safety Features</u> Protective Guards	Cover Input Hopper, Drive Unit and Bearings

### **Conveyor - Heavy Duty Troughing:**

The conveyor will be heavy duty troughing roller construction and transport the glass up into the pulverizer/trommel screen unit for processing. The conveyor will include return pans with bearing lubrication line accessible from ground level.

Drive System	3-phase motor and gear reducer, direct drive
Conveyor Body	10" x 3/16' formed steel channels
Carry Surface	Troughing Roller
Belt Type	Smooth, chevron or cleared rubber belt
Head Pulley	10' head pulley
Tail Pulley	10' self-cleaning tail pulley
Take Up	Adjustable Side Mounted bearings with 1 15/16" bore

Returns	Return rolls with smooth chevron belt Belly pans with wear resistant glides for cleted belt
Hopper/Sides	Formed 10 gauge painted steel

### **Surge Hopper**

The hopper shall be capable of accepting post-consumer glass including up to one-gallon containers. The feed system shall meet the following minimum specifications:

#### Dimensions

Capacity	4 cubic yards
Overall Length	105"
Overall Width	81"
Overall Height	95"
Discharge Opening	18" wide x Adjustable Height
Discharge Height	40"

#### Drive Componentry

Motor Size	3 H.P.
Direct Drive System	Totally Enclosed Gear Reducer Reciprocating Plate with Eccentric Drive
Hopper Lining	Abrasion Resistant Steel

#### Electrical

Motor Voltage	230/460 VAC, 60 HZ, 3 Phase
Controls	Push Button Start/Stop

### **Electrical Control Box**

A control box shall be provided by the bidder and shall be in a weather tight enclosure and contain disconnect, high energy solid state controls and start and stop buttons for each motor, an emergency stop, and shall be 230 or 460VAC, 60HZ, 3 phase.

### **Shipping**

Should be included in the proposal from manufacturing plant.

### **Warranty**

The unit shall carry the manufacturer's service and warranty policy in conjunction with the purchaser's stated warranty.

If all or any part of this equipment should prove defective in workmanship or materials, the manufacturer shall replace or repair the part of defect according to the manufacturer warranty.

The warranty does not extend to the normal replacement of wear parts such as hammers, links, connecting hardware, liners, wire cloth, brushes, casters, wear plates, and rollers or service parts such as belts, bearings, seals, paint, fuses, and other parts which may have a wear/service life inherently shorter than the warranty period.

### **Installation**

Installation of glass pulverizer system shall be completed by others. Bidder to provide detailed written installation instructions/drawings. Bidder to provide installation and equipment start-up support.

### **Operations and Maintenance Manuals**

Bidder to provide two (2) complete sets of written manuals for operations, maintenance and parts upon delivery of machine.