

Do Not Return Via Email or Fax

This is Not an Order

Mailing Address:
P. O. Box 1948
Mobile, Alabama 36633
(251) 208-7434

Purchasing Department
and Package Delivery:
Government Plaza
4th Floor, Room S-408
205 Government St
Mobile, Alabama 36644

READ TERMS AND CONDITIONS
ON REVERSE SIDE OF THIS PAGE
BEFORE BIDDING

Typed by: en Buyer: 005

Please quote the lowest price at which you will furnish the articles listed below

Table with columns: DATE (08/16/2022), BID NO. (5720), DEPARTMENT (Traffic Engineering), Commodities to be delivered F.O.B. Mobile to: (To Be Specified)

This bid must be received and stamped by the Purchasing office not later than: 12:00 P.M., Friday, September 02, 2022

Main bid table with columns: QUANTITY, ARTICLES, UNIT, UNIT PRICE (Dollars, Cents), EXTENSION (Dollars, Cents). Includes items for ThermoPlastic Marking Material in white, yellow, blue, and red.

TOTAL

RETURN ONE SIGNED COPY OF THIS BID
IN ENCLOSED ENVELOPE

State delivery time within \_\_\_ days of receipt of P.O.

Firm Name \_\_\_\_\_

Typed Signature \_\_\_\_\_

By \_\_\_\_\_

We will allow a discount \_\_\_% 20 days from date of receipt of goods
and correct invoice of completed order.

1. All quotations must be signed with the firm name and by an authorized officer or employee.
2. Verify your bid before submission as it cannot be withdrawn or corrected after being opened. In case of error in extension of prices, the unit price will govern.
3. If you do not bid, return this sheet and state reason. Otherwise, your name may be removed from our mailing list.
4. The right is reserved to **reject** any, or all quotations, or any portions thereof, and to waive technicalities if deemed to be in the interest of the City of **Mobile**.
5. This bid shall not be reassignable except by written approval of the Purchasing Agent of the City of Mobile.
6. State brand and model number of each item. All items bid must be new and latest model unless otherwise specified.
7. If bid results are desired, enclose a self-addressed and stamped envelope with your bid. (All or None bids only)
8. Do not include **Federal Excise Tax** as exemption certificate will be issued in lieu of same. The City is exempt from the Alabama and City **sales taxes**.
9. **PRICES ARE TO BE FIRM AND F.O.B. DESTINATION UNLESS OTHERWISE REQUESTED.**
10. **BID WILL BE AWARDED ON ALL OR NONE BASIS UNLESS OTHERWISE STATED.**
11. Bids received after specified time will be returned un-opened.
12. Failure to observe stated instructions and conditions will constitute grounds for rejection of your bid.
13. Furnish literature, specifications, drawings, photographs, etc., as applicable with the items bid.
14. Vendor **May** be required to obtain City of Mobile Business License as applicable to City of Mobile Municipal Code Section 34-50. For Business License inquiry contact the Revenue Department at (251) 208-7461 or [cityofmobile.org/taxes.php](http://cityofmobile.org/taxes.php).
15. **If a bid bond is required in the published specifications, see below:**  
**Each Bid Shall be Accompanied By A Cashier's Check, Certified Check, Bank Draft Or Bid Bond For the Sum Of Five (5) Percent Of The Amount Bid, Made Payable To The City Of Mobile And Certified By A Reputable Banking Institution. All Checks Shall Be Returned Promptly, Except The Check Of The Successful Bidder, Which Shall Be Returned After Fulfilling The Bid.**
16. Contracts in excess of \$50,000 require that the successful bidder **make** every possible effort to have at least fifteen (15) percent of the total value of the contract performed by socially and **economically disadvantaged** individuals.
17. All bids/bid envelopes must have the bid number noted on the front. Bids that arrive unmarked and are opened in error shall be returned to vendor as an unacceptable bid.
18. If successful vendor's principal place of business is out-of-state, vendor may be required to **have a Certificate of Authority** to do business in the State of Alabama from the Alabama Secretary of State prior to issuance **of a Purchase Order**. **Vendors are solely responsible for consulting with the Secretary of State to determine whether a Certificate is required.** See [www.sos.alabama.gov/BusinessServices/ForeignCorps.aspx](http://www.sos.alabama.gov/BusinessServices/ForeignCorps.aspx). Please note that the time between application for and issuance of a Certificate of Authority may be several weeks.
19. Vendors do not need a City of Mobile Business License or Certificate of Authority from the Alabama Secretary of State to submit a bid, but will need to obtain the Business License and Certificate of Authority, if applicable, prior to issuance of a Purchase Order.

**BID CONTINUATION SHEET**

QUANTITY	ARTICLES <small>Bid on this form ONLY. Make no changes on this form. Additional information to be submitted on separate sheet and attached hereto.</small>	UNIT	UNIT PRICE		EXTENSION	
			Dollars	Cents	Dollars	Cents
Appx 1-20 Packs	<p align="center">Page 2 of 3</p> <p>MARKING COMPOUND, THERMOPLASTIC PREFORM, 40" X 40", WHITE ON BLUE HANDICAP SYMBOL, 125 MIL, PER STATE OF ALABAMA SPECIFICATION FOR THERMOPLASTIC, 2/PACK</p> <p>Make _____ Per Pack _____</p>					
Appx 1-20 Packs	<p>MARKING COMPOUND, THERMOPLASTIC PREFORM, 9'10" X 3'3", STRAIGHT ARROW STANDARD WHITE, 125 MIL, PER STATE OF ALABAMA SPECIFICATION FOR THERMOPLASTIC, 2/PACK</p> <p>Make _____ Per Pack _____</p>					
Appx 1-20 Packs	<p>MARKING COMPOUND, THERMOPLASTIC PREFORM, 20' X 8', RAILROAD MARKING R X R, INCLUDES 20' X AND 2-6'6" R, WHITE, 125 MIL, PER STATE OF ALABAMA SPECIFICATION FOR THERMOPLASTIC, 1/PACK</p> <p>Make _____ Per Pack _____</p> <p>Vendor may be asked to provide sample of product after the closing of the bid.</p> <p>Pricing to be firm for a six (6) month period following the award of this bid. At the option of the City of Mobile and the successful vendor(s), the award of this bid may be extended for five (5) additional six (6) month periods.</p> <p>All items must meet requirements as per the attached specifications.</p> <p>Literature and Specifications are required with bid.</p>					
			<b>TOTAL</b>			

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**READ ABOVE INSTRUCTIONS BEFORE QUOTING**

Firm Name \_\_\_\_\_

By \_\_\_\_\_

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## BID CONTINUATION SHEET

QUANTITY	ARTICLES	UNIT	UNIT PRICE		EXTENSION	
			Dollars	Cents	Dollars	Cents
Page 3 of 3	<p>Quote delivered pricing FOB Destination.</p> <p>All vendors will be required to provide verification of enrollment in the E-Verify program. Additional information may be found at <a href="http://immigration.alabama.gov/">http://immigration.alabama.gov/</a></p> <p>If the successful vendor's principal place of business is out-of-state, vendor may be required to have a Certificate of Authority to do business in the State of Alabama from the Secretary of State prior to issuance of a Purchase Order.</p> <p>Vendors are solely responsible for consulting with the Secretary of State to determine whether a Certificate is required. See: <a href="http://www.sos.alabama.gov/BusinessServices/ForeignCorps.aspx">www.sos.alabama.gov/BusinessServices/ForeignCorps.aspx</a>. Please note that the time between application for the issuance of a Certificate of Authority may be several weeks.</p> <p>Upon notification, vendor will have 10 business days to provide the Certificate of Authority and the E-Verify numbers to the Purchasing Department before award can be completed. (Vendors will possibly need to pay the expedite fee to meet this requirement because application is not sufficient. We must have a copy of the certificate with your Company ID number).</p> <p>Vendors do not need a City of Mobile Business license or Certificate of Authority from the Alabama Secretary of State, nor the E-Verify for certification to submit a bid, but will need to obtain the Business License and Certificate of Authority verification and/or provide the E-Verify Certification if applicable, prior to issuance of a Purchase Order.</p> <p>State of Alabama Local Preference Law 41-16-50 (a) and (d) will apply to this purchase.</p> <p>Any questions or problems, contact the City of Mobile Purchasing Department at 251-208-7434 or <a href="mailto:purchasing@cityofmobile.org">purchasing@cityofmobile.org</a>.</p> <p><b>VENDOR MUST HAVE CONTACT INFORMATION WITH THIS BID</b></p> <p><b>TO BE AWARDED ALL OR NONE.</b></p>					
			<b>TOTAL</b>			

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**CITY OF MOBILE**  
**SPECIFICATIONS FOR THERMOPLASTIC MARKING MATERIAL**  
**August 2022**

**I. General.**

These specifications are intended to describe the minimum requirements for thermoplastic marking material, Class 2 and Preformed, as described below.

**II. Class 2 Thermoplastic.**

Thermoplastic shall be alkyd based materials. Manufacturers of Class 2 Thermoplastic shall participate in ALDOT-420, "Acceptance Program for Traffic Marking Materials" or equivalent state DOT material acceptance program.

Reflective glass beads shall be mixed into the thermoplastic as a part of the manufacturing process. The intermixed glass beads shall be either 50 % Type 1 and 50 % Type 3 beads or 50% Type 1, 37.5 % Type 3, and 12.5 % 3M "Reflective Elements". The pigment, glass beads and filler shall be well dispersed in the resin. The composition of Class 2 thermoplastic material shall be in accordance with the following.

COMPOSITION OF CLASS 2 THERMOPLASTIC (% BY WEIGHT)				
COMPOSITION	VALUE FOR WHITE	VALUE FOR YELLOW (Lead Free)	VALUE FOR YELLOW (Leaded)	TEST METHOD
Binder	20.0% minimum	20.0% minimum	20.0% minimum	AASHTO T 250
White Pigment TiO <sub>2</sub> , Type II Rutile	10.0% minimum	-	1.5% minimum	ASTM D 476
Glass Beads (Intermixed)	40.0% minimum	40.0% minimum	40.0% minimum	AASHTO T 250
Yellow Pigment, Lead Chromate	-	N/A	5.0% minimum *	AASHTO T 250
Yellow Pigment, Organic Pigment Yellow 83	-	% minimum per manufacturer **	N/A	-
Calcium Carbonate and Inert Filler (-200 mesh sieve	20.0% minimum	20.0% minimum	20.0% minimum	ASTM D 1199
<p>* Note: For yellow leaded thermoplastic markings the pigment shall be silica encapsulated lead chromate yellow, containing a minimum of 42 % lead.</p> <p>** Note: For yellow lead free markings the pigment shall be an organic pigment yellow 83. The lead free yellow thermoplastic material shall contain no more than 100 ppm of lead, cadmium, or hexavalent chromium.</p>				

The physical requirements for the thermoplastic shall be in accordance with the following.

PHYSICAL REQUIREMENTS OF CLASS 2 THERMOPLASTIC (% BY WEIGHT)			
PROPERTY	MAXIMUM	MINIMUM	TEST METHOD
Water Absorption	0.5%	-	ASTM D 570
Softening Point	-	195 °F	ASTM D 36
Low Temperature Stress Resistance	-	Pass	AASHTO T 250
Specific Gravity	2.3	1.9	ASTM D 792
Indentation Resistance	75	40	ASTM D 2240* Shore Durometer, A2
Impact Resistance	-	1.0 N-m	ASTM D 256, Method A
Flash Point	-	475 °F	ASTM D 92

\*The durometer and panel shall be at 110 °F with a 4.4 lb load applied. Instrument measurement shall be taken after 15 seconds.

**(a) WHITE THERMOPLASTIC**

White Class 2 Thermoplastic shall be in granular form and bagged for use in a premelter machine. Bag shall be designed to melt with the material and not impact the color requirements. Each 50 pound bag shall be palleted for a total of 40 bags and sold by the ton.

**(b) YELLOW THERMOPLASTIC**

Yellow Class 2 Thermoplastic shall be in granular form and bagged for use in a premelter machine. Bag shall be designed to melt with the material and not impact the color requirements. Each 50 pound bag shall be palleted for a total of 40 bags and sold by the ton.

**III. Preformed Thermoplastic.**

Preformed Thermoplastic shall be alkyd based materials. Manufacturers of Class 2 Preformed Thermoplastic shall participate in ALDOT-420, "Acceptance Program for Traffic Marking Materials" or equivalent state DOT material acceptance program.

Preformed Thermoplastic shall consist of high quality materials, pigments and glass beads or other reflective material uniformly distributed throughout their cross-sectional area, with a reflective layer of spheres or other reflective material embedded in the top surface. Preformed Thermoplastic shall conform to all physical and composition requirements of Class 2 Thermoplastic with the exception that Preformed Thermoplastic shall contain 30% intermix glass beads.

All preformed traffic markings and legends shall be a minimum uniform thickness of 0.125 inches.

**(a) BLUE LINE MARKING**

Blue Line Marking shall be 5 inches wide and 3 feet in length, packaged with 20 pieces per pack.

**(b) RED LINE MARKING**

Red Line Marking shall be 5 inches wide and 3 feet in length, packaged with 20 pieces per pack.

**(c) HANDICAP MARKING**

Handicap Marking shall be 40 inches wide and 40 inches in length. Each unit shall be a solid blue square with a standard white handicap symbol incorporated with the blue for equal overall thickness. Unit may come in pieces to be arranged for final placement by the City, provided two complete units are included per pack.

**(d) STRAIGHT ARROW MARKING**

Straight Arrow shall be 3.2 feet wide and 9.5 feet in length. Each unit shall be white in color and adhere to ALDOT Index 70302 for all other dimensions. Unit may come in pieces to be arranged for final placement by the City, provided two complete units are included per pack.

**(e) RAILROAD MARKING**

Railroad Marking shall be complete with one "X" and two "R". Crossing "X" shall be 8 feet wide and 20 feet in length. Legend "R"s shall be 6 feet in length. All markings and legends shall be white in color and adhere to ALDOT Index 73507 for any other dimensions or design requirement. Unit may come in pieces to be arranged for final placement by the City, provided one complete unit is included per pack.



## **PROCUREMENT DEPARTMENT**

**Potential bidders are responsible to check this site for any ADDENDUMS that are issued. It is the responsibility of the BIDDER to check for, download, and include with their BID RESPONSE any and all ADDENDUMS that are issued for a specific BID published by the City of Mobile. Failure to download and include ADDENDUMS in your BID RESPONSE may cause your bid to be rejected.**

**This is a sealed bid. Any responses faxed or e-mailed will be rejected.**

**This is a sealed bid. Any response must be submitted in a sealed envelope with the bid number and bid opening date on the outside of the envelope.**

**Any response that arrives improperly marked or with no bid number and opening date on the outside of the delivery or express package and opened in error will be rejected and not considered.**

**It is the responsibility of the bidder to ensure that their bid response is delivered to and received in the Purchasing Department before the date and time of the bid opening.**

**Be sure to read the Terms and Conditions.  
All bids are F.O.B. destination unless otherwise stated.**

**Be sure to sign your bid!**

**Package/Bid Delivery Address:  
Purchasing Department  
205 Government St. Room S408  
Mobile, AL 36644**

**(Request First Delivery)**