

Date Issued: 5/18/2016

Bid No.: 16-030

The City of Decatur will accept sealed bids for the following material, equipment or services for City Departments

Description: **Sand & Fine Aggregates**

**Bids must be received before 3:00pm on May 25<sup>th</sup>, 2016.**

**Include 1 original and 1 copy of your bid submission.**

**Bid opening will be held on 3<sup>rd</sup> floor, Purchasing Department, Decatur City Hall 402 Lee Street**

Return sealed bid to:

Regular Mail

City of Decatur  
Purchasing Department  
P.O. Box 488  
Decatur, AL 35602

Courier

City of Decatur  
Purchasing Department  
Third Floor  
402 Lee St., NE  
Decatur, AL 35601

I/We agree to furnish at the prices shown and guarantee that each item offered will meet or exceed all specifications, terms and conditions, and requirements listed. I herein affirm I have not been in any agreement or collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding or otherwise. I have read and understand all terms and conditions of this bid.

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
Typed/Printed Authorized Name

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Title

\_\_\_\_\_  
Email

\_\_\_\_\_  
Telephone

PRICE SHEET

Opening Date: May 25, 2016

Invitation to Bid No.: 16-030

Opening Time: 3:00pm

Prices quoted in all bids for personal property shall be total delivered price.

LINE NO.	ITEM	COST PER TON
1	Concrete Sand (Delivered)	
2	Concrete Sand (Picked Up by City Vehicle)	
3	Mortar Sand (Delivered)	
4	Mortar Sand (Picked Up by City Vehicle)	
5	Manufactured Sand for Portland Cement (Delivered)	
6	Manufactured Sand for Portland Cement (Picked Up by City Vehicle)	
7	Fine Aggregate for White Concrete (Delivered)	
8	Fine Aggregate for White Concrete (Picked Up by City Vehicle)	
<b>All line items must meet the enclosed specifications. Any exceptions to those specifications must be explained in writing on a separate sheet.</b>		

- A bid bond **is not** required for this bid.
- Delivery can be made \_\_\_\_\_ days or \_\_\_\_\_ weeks after receipt of order.
- Terms: \_\_\_\_\_ (Discounts will be considered in the bid evaluation and will be taken without regard to date of payment.)
- Prices valid for acceptance within \_\_\_\_\_ days (not to be less than 30 days)
- Contracts for services are let for a period of one year and may be renewed for up to two additional years, provided the terms of the contract do not materially change.

**NOTE: FOR THIS BID TO BE CONSIDERED RESPONSIVE, ALL INFORMATION REQUESTED SHOULD BE SUPPLIED, AS APPROPRIATE OR THE ENTIRE BID MAY BE DISQUALIFIED. BID RESPONSE MUST BE IN INK OR TYPED WITH THE ORIGINAL SIGNATURE INCLUDED.**

\_\_\_\_\_  
Bidder Signature

\_\_\_\_\_  
Company

## STANDARD TERMS AND CONDITIONS

**IN ORDER TO SUBMIT A RESPONSIVE BID, IT IS VERY IMPORTANT THAT ALL TERMS AND CONDITIONS, SPECIFICATIONS AND INSTRUCTIONS ARE READ THOROUGHLY.**

Bid response envelopes shall be properly identified on the front with the invitation to bid number, opening date and time. Each individual invitation to bid shall be submitted in a separate sealed envelope. Multiple bid responses submitted in the same envelope/courier package (that are not in separate envelopes properly identified) shall be rejected. The Purchasing Department assumes no responsibility for late bid responses that occur due to the U.S. Postal Service or private courier service.

Bid responses and signature page must be submitted on this form in ink or typewritten or the bid will be rejected. Submit this **original and (1) copy** of the original with your response.

For a “no-bid” response, return the signature page signed and marked “no bid”. Non-response may result in removal from active bidders list.

The attached specifications are being provided to potential bidders as guidelines that describe the type and quality of equipment, supply, and/or service the City of Decatur is seeking to purchase. The bidder must indicate compliance or list exceptions to each specification item for consideration. Failure to comply with this provision could be cause for rejection of the bid.

Bid responses must be received in the office of the Purchasing Department not later than the date and time specified.

The Purchasing Department will not accept facsimile (fax) nor email transmissions of bids.

Changes or modifications of this Invitation to Bid are allowed only by written authority of the Purchasing Agent.

**Non Appropriation of Funds:** Continuation of any agreement between the City of Decatur and a bidder beyond a fiscal year is contingent upon continued legislative appropriation of funds for the purpose of this bid and any resulting agreement. Non availability of funds at any time shall cause any agreement to become void and unenforceable and no liquidated damages shall accrue to the City as a result. The City will not incur liability beyond the payment of accrued agreement payment.

**Descriptive Literature:** Reference to brand names and numbers is not restrictive, unless otherwise specified. Bids on equivalent items meeting the standards of quality indicated will be considered, providing the bid clearly describes the item offered and indicates how it differs from the referenced brands. Descriptive literature on any supplemental information necessary for comparison purposes shall be submitted with the bid or the Purchasing Agent may reject the bid for that item. Reference to literature submitted with a previous bid, or on file with the Purchasing Department will not satisfy this requirement.

The City of Decatur reserves the right to modify all or any portion of this Invitation to Bid when the best interest of the City is involved. The City reserves the right to award this bid to a single vendor or multiple vendors when in the best interest of the City. Further, the City reserves the right to give preference to the vendor quoting the most line items.

The City of Decatur reserves the right to seek clarification of bid responses from vendors submitting responses.

The City of Decatur is exempt from all Federal, sales and use taxes.

All bidders shall maintain such insurance as will protect bidder and the City of Decatur from claims under Workman's Compensation Acts and from claims for damage and or personal injury, including death, which may arise from the operation and/or fulfillment of the resulting contract of this Invitation to Bid. Insurance shall be written by companies authorized to do business in Decatur, Alabama. Evidence of insurance shall be furnished to the City of Decatur Purchasing Department with submitted bids when requested.

Any individual, company, or corporation doing business with the City of Decatur must possess and show proof thereof all proper licenses and/or proper certifications required by Federal, state and local statutes and regulations prior to award when requested.

The City of Decatur reserves the right to terminate any contract resulting from this bid for just and reasonable cause whereby it appears to be in the best interest of the City.

The successful bidder agrees, by entering into this contract, to defend, indemnify, and hold the City of Decatur harmless from any and all causes of action or claims of damages arising out of or related to bidder's performance under this contract.

The successful bidder shall abide by all Federal, State, and Local Statutes, laws, regulations, and ordinances. Including but not limited to a current business license and remittance of sales tax owed to the City.

An electronic version of this bid is available on the City's website at [www.decaturalabamausa.com](http://www.decaturalabamausa.com) or by emailing [purchasing@decatur-al.gov](mailto:purchasing@decatur-al.gov). In order to decrease the evaluation time and insure award by the award date please enter your responses in the electronic version if possible, and return it with a hard copy with your bid response package.

The hard copy of the invitation to bid on file in the City of Decatur Purchasing office shall serve as the master document. Any alterations, deletions, additions or other changes that materially change the intent of the bid could be considered grounds for rejection of the bid response.

Exclusion of the electronic files in a bid response is not a basis for rejection.

**A BID RESPONSE MAY BE REJECTED IF:**

- Bids improperly submitted or identified
- Bid not signed or not original signature
- Requested information, or documentation not submitted with bid
- Failure to acknowledge receipt of addendum with bid
- Material alteration of the master document
- Invitation to bid number not on face of envelope
- Received late
- Bid response not on original form
- Bid not in ink or typed
- Proper licensing not included/provided as required by law

Notice: As a condition of contract, grant or incentive performance with the City of Decatur, compliance with the requirements of the Beason-Hammon Alabama Taxpayer and Citizen Protection Act must be provided. Please enter the name of your company and your name and complete the affidavit below. Your signature must be notarized.

BUSINESS NAME: \_\_\_\_\_

APPLICANT'S NAME: \_\_\_\_\_

### **E-VERIFY AFFIDAVIT**

I am the applicant listed above. In my capacity as \_\_\_\_\_ of the business entity listed above, I do hereby execute this affidavit on behalf of the business listed above and, by executing this affidavit, I verify that business' compliance with Section 31-13-9 of the Code of Alabama, 1975, stating affirmatively that it does not knowingly employ, hire for employment or continue to employ an unauthorized alien. Further, the business has registered with and is participating and will participate during the performance of any contract with the City in the federal work authorization program known as "E-verify" web address <https://e-verify.uscis.gov/enroll> , operated by the United States Citizenship and Immigration Service Bureau of the United States Department of Homeland Security to verify information of newly hired employees pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P. L. 99-603, in accordance with the applicable provisions of Alabama's Immigration law.

The undersigned further represents that, should the business employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to the contract with the City, it will secure from such subcontractor(s) verification of compliance with Section 31-13-9 of the Code of Alabama, 1975, in a form substantially similar to this affidavit. The Business further agrees to maintain records of such compliance and provide a copy of each said verification on request of the City.

\_\_\_\_\_  
E-verify Employment Eligibility Verification User Identification Number

\_\_\_\_\_  
Applicant

Sworn to and subscribed before me on this the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

## Bid Document Checklist

<b>Items Required with Bid</b>	<b>Submission Requirements Check List</b> <b>X = REQUIRED; BLANK=NOT REQUIRED</b>	<b>Items Submitted (Bidders Initials)</b>
<b>X</b>	<b>Envelope Sealed and Marked w/bid # on front</b>	
<b>X</b>	<b>Original Signatures where required (in ink)</b>	
	<b>Bid Bond or Check</b>	
	<b>Addendum</b>	
<b>X</b>	<b>E-Verify form</b>	
	<b>Proof of Insurance</b>	
<b>X</b>	<b>Price Sheet Information Included</b>	
	<b>References</b>	
	<b>Catalog</b>	
<b>X</b>	<b>Send in on or before given time</b>	
	<b>Business License</b>	

**If you have questions concerning the bid submission requirements, please call the Purchasing Department 256-341-4521 or email [purchasing@decatur-al.gov](mailto:purchasing@decatur-al.gov).**

**If you have questions about the specifications contact project manager, Ricky Terry at 256-341-4991 or email at [rterry@decatur-al.gov](mailto:rterry@decatur-al.gov).**

## SECTION 802 FINE AGGREGATES

### 802.01 Description.

#### (a) GENERAL.

Fine aggregate shall consist of natural or manufactured sand having hard, clean, durable, uncoated particles and conforming to the requirements provided in this Section.

#### (b) ACCEPTANCE.

The Department has established a list of qualified producers of fine aggregates. Refer to Subarticle 106.01(f) and ALDOT-355 concerning this list.

All fine aggregates furnished shall come from an approved producer who is participating in and meeting the requirements of ALDOT-249, "Quality Control Program for Acceptance of Fine and Coarse Aggregates". The producer's name shall be listed in the Department's "Materials, Sources and Devices With Special Acceptance Requirements" manual, List I-1.

### 802.02 Concrete Sand.

#### (a) DESCRIPTION.

Concrete sand shall consist of natural sand, blends of natural sand, blends of natural and manufactured sand, or manufactured sand. The use of manufactured sand shall be limited to the conditions noted in Article 802.06.

Blended sand shall be mixed and tested for gradation after blending has been completed.

The sand shall be washed and have strong, hard, clean, durable particles meeting the physical requirements noted below and the gradation requirements of ALDOT Size No. 100. There will be no F.M. or mortar strength requirements for concrete sand used in bituminous pavements.

#### (b) DELETERIOUS SUBSTANCES.

1. The maximum weight {mass} of deleterious substances shall not exceed the following requirements:

Materials passing the # 200 {75  $\mu$ m} sieve removed by decantation shall be subject to approval or rejection based on the following:

a. If any sample has more than 2.5% material passing the # 200 {75  $\mu$ m} sieve by decantation, the stockpile will be rejected.

b. An average will be made of the samples tested by decantation through the # 200 {75  $\mu$ m} sieve. If the average is greater than 2.0%, the stockpile will be rejected. If the average is 2.0% or less, the stockpile will be accepted.

c. If smaller quantities of the fine aggregate are being tested where only one sample would be required, this sample will be required to comply with a 2.0% maximum removed by decantation, not to exceed the following percentages:

Shale	1.0 %
Coal and/or Lignite	0.5 %
Clay Lumps	0.5 %
Cinders and Clinkers	0.5 %
Other local deleterious substances (such as alkali, mica, coated grains, soft and flaky particles)	1.0 %
Total shale, coal, and/or lignite, clay lumps, cinders and clinkers, and other local deleterious substances	3.0 % Maximum

Concrete sand to be used in concrete headwalls, inlets, miscellaneous concrete units, slope paving, machine laid curbs, gutters, or combination curbs and gutters shall comply with the above except that not more than 3.0 percent shall pass the # 200 {75  $\mu$ m} sieve by decantation.

2. The percentage of clay lumps shall be determined by examining the various fractions which remain after the test for grading. An indication of clay lumps shall require testing in accordance with AASHTO T 112 to determine the amount of clay lumps.

3. The diameter of deleterious substances shall not exceed the maximum size of aggregate.

#### (c) ORGANIC IMPURITIES.

All fine aggregate shall be free from injurious amounts of organic impurities. Aggregates subjected to the colorimetric test for organic impurities and producing a color darker than the

SECTION 802  
FINE AGGREGATES

standard shall be rejected unless they pass the mortar strength or concrete strength tests as outlined in Subarticles 802.02(e) and (f).

(d) SOUNDNESS.

When subjected to five cycles of the soundness test of fine aggregate by the use of sodium sulphate the measured percentage of loss shall not be more than 10 percent by weight {mass} when tested by AASHTO T 104. In lieu of the soundness test, satisfactory evidence may be provided that the fine aggregate has been exposed to natural weathering, either directly or in concrete for a period of at least five years without appreciable disintegration.

(e) MORTAR STRENGTH.

When tested in accordance with AASHTO T 71, fine aggregate shall have compressive strength not less than 95% of treated sand as prescribed in AASHTO T 71 at 3 days and 14 days with the use of Type III Portland cement or at 7 days and 28 days with Type I or Type II Portland cement.

(f) CONCRETE STRENGTH.

Fine aggregate failing to meet the requirements herein provided for mortar strength may be used if (1) when tested in combination with the cement and coarse aggregate to be used in the work, the crushing or tensile strength of the concrete at the end of 7 days (3 days with Type III cement used) and 28 days is at least equal to the strength obtained from specimens made with sand meeting the requirements for the class of concrete in which the material is to be used, or (2) when the past performance record of the aggregate with the particular cement has been satisfactory.

(g) GRADATION UNIFORMITY.

The gradation of ALDOT Size No. 100 fine aggregate from any one source shall be reasonably uniform. For the purpose of determining the degree of uniformity, a fineness modulus determination shall be made upon representative samples from the source in accordance with the provisions of AASHTO M 6 for fineness modulus (F.M.) determination.

The following schedule will apply to ALDOT Size No. 100 fine aggregate for various kinds of concrete.

**Portland Cement Concrete Pavement, Bridge Superstructure Concrete, and Prestressed Concrete:**

F.M. 2.30 Min. 3.00 Max.

Establish Working F.M. (W.F.M.)

Tolerance from W.F.M. is plus or minus 0.20

**Structure Concrete (Other Than Bridge Superstructure Concrete):**

F.M. 2.30 Min. 3.00 Max.

Working F.M. is not required, however, if the F.M. exceeds 2.80 the Contractor will be required to increase the designated cement volume by 0.25 bags per cubic yard {0.25 bags per cubic meter} without additional cost to the State. If requested in writing by the Contractor, consideration will be given to using fly ash in the mix to increase the fines. The fly ash will be substituted for cement as directed by the Materials and Tests Engineer.

There will be no F.M. requirements on concrete sand used in concrete headwalls, inlets, miscellaneous concrete units, slope paving, machine laid curbs, gutters, or combination curbs and gutters.

**802.03 Mortar Sand.**

Sand for mortar, ALDOT Size No. 101, shall consist of washed, hard, strong, durable, uncoated mineral or rock particles, reasonably free from injurious amounts of organic or other deleterious substances and meeting applicable requirements of Article 802.02.

**802.04 Bituminous Pavement Fine Aggregate.**

Fine aggregate for use in bituminous paving mixtures is defined as aggregate passing the 3/8 inch {9.5 mm} sieve and with a minimum 80 percent passing the No. 4 {4.75 mm} sieve. The aggregate may be natural fine aggregate or manufactured fine aggregate. The fine aggregate shall be non-plastic when tested in accordance with AASHTO T 89, as modified by ALDOT-232, and AASHTO T 90 and shall have a maximum of 1.0 percent clay lumps and friable particles as determined by AASHTO T 112. It shall consist of hard tough grain, free of injurious amounts of clay, loam, or other deleterious substances.

Manufactured fine aggregate shall be the product produced from the crushing of aggregates meeting the requirements of Section 801 and shall have 100 percent passing the 3/8 inch {9.5 mm}



sieve with 95 percent of the material retained on the No. 8 {2.36 mm} sieve having at least one freshly fractured face.

Natural fine aggregate is defined as any fine aggregate that is not manufactured fine aggregate. Natural fine aggregate shall be reasonably clean, non-plastic, and uniformly graded sand which shall pass the 3/8 inch {9.5 mm} sieve and not have more than 10 percent passing the No. 200 {75 μm} sieve when tested in accordance with AASHTO T 11 and T 27.

Mineral filler meeting the requirements of Section 805, agricultural limestone, or carbonate stone screenings may be used when additional fines are needed.

**802.05 Blank.**

**802.06 Manufactured Sand for Portland Cement Concrete.**

Manufactured sand shall meet all of the requirements for ALDOT #100 concrete sand, Article 802.02, except the requirement of Subitem 802.02(b)1a may be increased to five percent if the material is "Dust of Fracture."

Manufactured sand may be produced from crushing gravel, granite, sandstone, or quartzite which may be used either as a blend with natural sand or as one hundred percent of the total fine aggregate. Gravel used to produce manufactured sand for use in concrete pavement or bridge superstructure concrete (except prestress concrete) shall have a bulk specific gravity greater than 2.550 (AASHTO T 85).

Manufactured sand produced from crushing limestone shall not be used in bridge decks or concrete pavement. However, manufactured limestone sand may be used in prestressed or precast concrete, or cast in place concrete, which will not be exposed to vehicular traffic, if approved by the Engineer.

**802.07 Fine Aggregate for White Concrete.**

Fine aggregate for white concrete shall be a natural white, washed sand and/or an artificial sand made from white quartz, crushed white limestone, white marble, or white granite and shall contain no discoloring material, clay loam, or other foreign matter. It shall be secured from sources previously tested and approved by the Department for whiteness and light reflecting qualities or by visual comparison shall be, in the opinion of the Engineer, at least as white as the approved standard sample on file in the Engineer's office. Other requirements for this fine aggregate shall conform to Article 802.02, with the gradation requirements in accordance with ALDOT Size No. 106.

**802.08 Blank.**

**802.09 Gradation.**

Fine aggregate shall be well graded between the limits specified and the size or sizes designated shall conform to the limits shown in the Fine Aggregate Gradation Table.

TABLE OF ALDOT FINE AGGREGATE SIZES								
Aggregate Size Number	DESCRIPTION	PERCENT PASSING BY WEIGHT {MASS}, SIEVE SIZE <sup>1</sup>						
		3/8 inch {9.5 mm}	No. 4 {4.75 mm}	No. 8 {2.36 mm}	No. 16 {1.18 mm}	No. 50 {300 μm}	No. 100 {150μm}	No. 200 {75μm}
100	Concrete Sand	100	95-100	80-100	50-90	5-30	0-10	
101	Mortar Sand			100		15-40	0-10	
104	Plant Mix Sand	100						0-12
105	Manufactured Sand	100	95-100		50-80	20-50	10-25	5-12
106	White Concrete Fine Aggregate	100	95-100	75-100	50-90	10-35	5-15	0-5

- NOTES: 1. Figures are percentages by weight {mass} of material finer than each sieve.  
 2. The F.M. for Size No. 100 when used in Portland cement concrete pavement shall be 2.30 minimum, 3.00 maximum.  
 3. See Articles No. 802.02 to 802.07 for descriptions.