

Purchasing Department
Madison County Board of Supervisors
146 West Center Street
Canton, Mississippi 39046

601-855-5503
hardy@madison-co.com

29 June 2017

District 1 Supervisor Sheila Jones
District 2 Supervisor Trey Baxter
District 3 Supervisor Gerald Steen
District 4 Supervisor David Bishop
District 5 Supervisor Paul Griffin

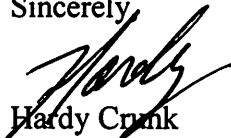
Subject: Place narrative and calculations of not-from-lowest-bidder purchase on minutes

Dear Board Members:

The Road Department is in need of #300 rip rap for the Childress Road Bridge project. Amber Pope obtained two quotes for the rip rap, one from the only local supplier, LaFarge, and one from Miller Materials, located in Vicksburg. LaFarge's price is \$35.75 per ton. Miller's price is \$31.80 per ton. When freight costs (including fuel, driver wages and benefits, and truck tires, parts, and repairs) are taken into consideration, the total cost to Madison County per ton is \$35.93 from LaFarge compared to \$37.56 from Miller, making LaFarge the "lowest and best" bid (quote).

State purchasing regulation require that when a purchase is made from a vendor whose quote is not the lowest that detailed calculations showing why it is the "lowest and best" bid (quote) be placed on the minutes.

Sincerely,



Hardy Crunk
Purchase Clerk

Attachments: Requisition
LaFarge vs Miller Materials calculations
Documentation of weight of large rip-rap
Written quotes

Requisition 0170551 Date 6/29/2017
MADISON COUNTY
P O BOX 608
CANTON, MS. 39046
(601)859-8241 (601)948-3897 JX
REFER TO PURCHASING OFFICE

ROAD DEPARTMENT
AMBER POPE

Vendor: 15465
LAFARGE WEST INC
DEPT 2424
P.O. BOX 122424
DALLAS TX 75312 2424

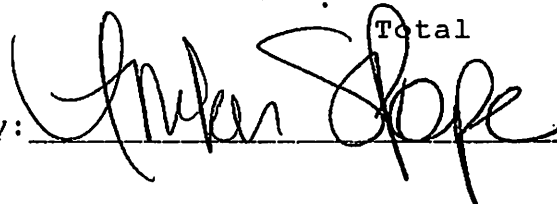
Ship To: VIA: BEST WAY
DEPARTMENT OF ROAD MANAGEMENT
3137 SOUTH LIBERTY STREET
CANTON, MS 39046

Quantity	Description of Supplies, Equip, Srvc	Unit Cost	Extended
500.00	:160300631 300# RIP RAP	: 35.75	TN: 17875.00
	: CHILDRESS ROAD BRIDGE		

Total

\$17,875.00

Approved By: _____



CALCULATIONS RIP-RAP LAFARGE VS MILLER MATERIALS
29-Jun-17

MILLER MATERIALS

AVERAGE MPG FOR DUMP TRUCK	5.28
DIESEL PRICE PER GALLON	\$1.72
DIESEL COST PER MILE	\$0.33
OTHER COSTS PER MILE (TIRES, REPAIRS, ETC)	\$0.18
TRUCK COST PER MILE	\$0.51

AVERAGE DRIVER WAGES & BENEFITS	\$20.88
AVERAGE MILES DRIVEN PER HOUR	40
DRIVER COST PER MILE	\$0.52

TOTAL TRUCK & DRIVER COST PER MILE	\$1.03
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ROUNDTRIP MILES TO MILLER MATERIALS	126
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ROUNDTRIP TRUCK & DRIVER COST TO LAFARGE	\$129.50
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FREIGHT COST PER TON	\$5.76
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(ROUNDTRIP TRUCK AND DRIVER COST/TONS PER TRUCK LOAD)
 (TONS PER TRUCK = 22.5 TONS #300 RIP RAP)

LAFARGE

AVERAGE MPG FOR DUMP TRUCK	5.28
DIESEL PRICE PER GALLON	\$1.72
DIESEL COST PER MILE	\$0.33
OTHER COSTS PER MILE (TIRES, REPAIRS, ETC)	\$0.18
TRUCK COST PER MILE	\$0.51

AVERAGE DRIVER WAGES & BENEFITS	\$20.88
AVERAGE MILES DRIVEN PER HOUR	40
DRIVER COST PER MILE	\$0.52

TOTAL TRUCK & DRIVER COST PER MILE	\$1.03
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ROUNDTRIP MILES TO LAFARGE	4
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ROUNDTRIP TRUCK & DRIVER COST TO LAFARGE	\$4.11
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FREIGHT COST PER TON	\$0.18
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(ROUNDTRIP TRUCK & DRIVER COST/TONS PER TRUCK LOAD)
 (TONS PER TRUCK = 22.5 TONS #300 RIP RAP)

COST COMPARISON

	PRICE PER TON	FREIGHT PER TON	TOTAL COST PER TON
LAFARGE	\$35.75	\$0.18	\$35.93
MILLER	\$31.80	\$5.76	\$37.56

Note: Diesel price is based on most recent Fuelman bill
 Driver wages and benefits courtesy of Human Resources Director
 Other Costs are based on purchase orders for tires, parts, and repairs



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Material Information

Rip Rap



Rip rap, ranging in size from 4"-24" or greater, is primarily used for erosion control along slopes or around culvert ends in wireless site construction.



All rip rap applications require an underlayment of geotextile fabric to prevent water from washing out the dirt underneath the rock.



Rip rap culvert aprons fall into two classifications: non-grouted and grouted. Non-grouted is the typical rip rap installation where rip rap is dumped along the apron's length and placed as needed. This rip rap installation is used with flatter slopes and reasonable velocities. Grouted rip rap is bonded together as a single mass using concrete or grout. This rip rap installation is used with steep slopes, high velocities, or when large sized stone is unavailable.



Steep excavated slopes will require a 10" or greater rock for many applications to ensure stability. Identify what size the specifications call for. Many wireless construction specifications are absent regarding the size of the rip rap requested, only specifying the plan dimensions for the area to receive the rip rap. Check with the project's construction manager for the type required. Some sites will call out state DOT classifications.

Quarried limestone and dolomite are the most commonly available rip rap found in almost 70% of the country, but many areas only offer granite, trap rock, field stone or other aggregates. Smaller rip rap, 2"-4" will cover approximately 60 sq. ft., 5"-12" will cover 35 sq. ft.

The volume per ton of larger rip rap can prevent the hauler from loading maximum tonnage onto his truck. Average truck loads are:

- Bobtail - 6 wheels Full load is 8 tons
- Tandem - 10 wheels Full load is 15 tons
- Semi - 18 wheels Full load is 22 ½ tons



Although some areas can be very competitive, there are great variances of aggregate pricing throughout the country, especially for rip rap. Undelivered material pricing ranged from \$13.00 to \$24.00 per ton for 8" rip rap; the average price per ton was \$16.69 for an eight-ton load. The default unit

pricing used for estimating purposes in "My Estimator" is the average cost of the rip rap and includes delivery, but not installation. Pricing will vary based upon the number of quarries in a given market and the distance to the job site from the pit or yard as well as the project volume.



We recommend that you contact our valued aggregate suppliers and site development companies to obtain additional information about your project-specific requirements.

Childress Lane

Quote: Q0000382614



Aggregate

Tel:
Fax:

Quotation

Quote Number Q0000382614	Quoted By Jim Coleman	Quote Date 6/13/2017	Expiration Date 12/31/2017
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Client Company	MADISON COUNTY MISSISSIPPI BOARD OF	Project Name	300 LB RR Quote 6/13
Customer Number	58866	Project Description	
Attention	ESTIMATOR		
Phone Number			
Fax Number			
Email Address			
Street Address	PO BOX 608	Project Address	Marietta Way Canton, MS-Mississippi 39046
	CANTON, MS-Mississippi 39046		

Product	Material Description	Line Description	Plant	Quantity	UOM	Material Price	Truck Type	UOM	Freight Rate	Net Price + Freight
8559	300 LB RIP RAP	300 LB RIP RAP	CANTON RAIL YARD	500	TON	\$35.75				

The following Inclusions apply to quote:

- TAX EXEMPT PROJECTS REQUIRE THAT A VALID TAX EXEMPTION CERTIFICATE BE PROVIDED PRIOR TO FIRST DELIVERY OF MATERIALS.
- ALL PRODUCTS SUBJECT TO AVAILABILITY
- Terms are NET 30.
- Prices are valid for 30 days from Quoted Date(2017-06-13).
- Lafarge reserves the right to change pricing with 30 days' notice.
- Quoted prices shall be effective from the Quote Date(2017-06-13) through the Expiration Date(2017-12-31). Notwithstanding the foregoing, all prices quoted are subject to escalation as provided for in our Terms and Conditions of Sale.
- The haul rate quoted for the delivery of the product is based on information received at the time of the bid.
- We reserve the right to adjust the haul rates based on those factors.
- Deliveries are quoted as dump and run at the jobsite.
- Waiting time will be billed in 15 minute intervals for all loads waiting in excess of 10 minutes.
- All rates will go up 3% for projects bld in 2016 and continue into 2017.
- Proof of load chutes, and shouldering are all billed by the hour.
- A minimum delivery fee applies to partial loads, split loads and freight will be charged by the load.
- THE CONTACT PERSON IS Jim Coleman AND ANY QUERIES REGARDING THE ABOVE SHOULD BE ADDRESSED TO HIM/HER AT OR james.coleman@lafargeholcim.com.

ACCEPTANCE AND QUOTATION: I certify by my signature that I am an authorized representative of the company named above and that I accept this quotation on behalf of the same company, including the prices, terms and conditions contained herein.

Please return a signed copy of this quotation by mail to the address below or by facsimile before commencement of delivery.

Name (Please Print)

Signature

Date

Amber Pope

From: bgaude@millermaterials.us
Sent: Monday, June 19, 2017 2:46 PM
To: Amber Pope
Subject: Quote -- Miller Materials -- Madison County, MS -- Bid for Rip Rap -- 06-19-17

Mrs. Pope,

Please see the attached quote for the below referenced project:

PROJECT: 500 Tons of 300 Lb. Rip Rap
BID DATE & TIME: N/A

31.80 / ton (see 2nd page correspondence)

couldnt open Quote Attachment

Should you have any questions or need any additional information please feel free to contact me either via email or at either of the below listed numbers.

Thanks,

Blase Gaude'

Sales Manager

MILLER MATERIALS, INC.

657 Dorsey Street
Vicksburg, MS 39180

Mobile: (662) 436-7723

Phone: (601) 634-1965

Fax: (601) 636-6211

E-mail: bgaude@millermaterials.us



From: Amber Pope [<mailto:Amber.Pope@madison-co.com>]
Sent: Monday, June 19, 2017 7:44 AM
To: Blase Gaude <bgaude@millermaterials.us>
Subject: RE: Quote

Thanks!

From: Blase Gaude [<mailto:bgaude@millermaterials.us>]
Sent: Monday, June 19, 2017 7:41 AM
To: Amber Pope
Subject: Re: Quote

\$31.80 per ton. I will prepare and submit a formal quote on our letterhead this morning.

Thanks,

Blase Gaude
Mobile: 662-436-7723

\$31.80 / ton

Sent from my iPhone

On Jun 19, 2017, at 7:15 AM, Amber Pope <Amber.Pope@madison-co.com> wrote:

Hey Blase,

We will pick it up.

Thanks,
Amber

From: bgaude@millermaterials.us [<mailto:bgaude@millermaterials.us>]
Sent: Friday, June 16, 2017 8:40 PM
To: Amber Pope
Subject: RE: Quote

Mrs. Pope,

What address would like the delivery to be to?

Thanks,

Blase Gaude'

Sales Manager

MILLER MATERIALS, INC.

657 Dorsey Street
Vicksburg, MS 39180

Mobile: (662) 436-7723

Phone: (601) 634-1965

Fax: (601) 636-6211

E-mail: bgaude@millermaterials.us

<image001.jpg>

From: Amber Pope [<mailto:Amber.Pope@madison-co.com>]
Sent: Tuesday, June 13, 2017 9:02 AM
To: blase.gaude@gmail.com
Subject: Quote

Good morning.

Could you please send me a formal quote for 500 tons of 300lb rip rap?

Thanks in advance.