



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

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***. 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*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 7

General Information[Contact](#)[Default Values](#)[Discount](#)[Document Information](#)

Procurement Folder: 321317

Procurement Type: Central Master Agreement

Vendor ID:

Legal Name: Mississippi Lime Company

Alias/DBA:

Total Bid: \$50,000.00

Response Date: Response Time:

SO Doc Code: CRFQ

SO Dept: 0313

SO Doc ID: DEP1700000021

Published Date: 6/2/17

Close Date: 6/7/17

Close Time: 13:30

Status: Closed

Solicitation Description:

Total of Header Attachments: 7

Total of All Attachments: 7



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

**State of West Virginia
 Solicitation Response**

Proc Folder : 321317

Solicitation Description : Addendum No.02 - OSR North Bulk Hydrated Lime

Proc Type : Central Master Agreement

Date issued	Solicitation Closes	Solicitation Response	Version
	2017-06-07 13:30:00	SR 0313 ESR0606170000006101	1

VENDOR
VS0000009464 Mississippi Lime Company

Solicitation Number: CRFQ 0313 DEP1700000021

Total Bid : \$50,000.00 **Response Date:** 2017-06-07 **Response Time:** 13:25:34

Comments: Mississippi Lime (MLC) is agreeable to net 30 day payment terms from date of invoice. If awarded, MLC would like to discuss specific T&Cs of the Agreement.

FOR INFORMATION CONTACT THE BUYER
 Brittany E Ingraham
 (304) 558-2157
 brittany.e.ingraham@wv.gov

Signature on File	FEIN #	DATE
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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	Hydrated Lime Delivered to Omega Mining D-79-82	250.00000	TON	\$200.000000	\$50,000.00

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to Omega Mining D-79-82 in Monongalia County, WV

Comments: Up to 3 business days for all deliveries. Pricing is \$200.00/US short ton, delivered including FSC.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Hydrated Lime Delivered to Larosa Fuels S-1051-86	300.00000	TON		

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to Larosa Fuels S-1051-86 in Marion County, WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Hydrated Lime Delivered to T&T Fuels EM-113	550.00000	TON		

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to T&T Fuels EM-113 in Preston County, WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Hydrated Lime Delivered to F&M Coal S-1044-87	150.00000	TON		

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to F&M Coal S-1044-87 in Preston County, WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Hydrated Lime Delivered to Freeport Coal S-1005-95	150.00000	TON		

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to Freeport Coal S-1005-95 in Preston County, WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	Hydrated Lime Delivered to Amanda Nicole S-1018-88	500.00000	TON		

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to Left Fork Little Sandy In-Stream Doser; Amanda Nicole S-1018-88 in Preston County, WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	Hydrated Lime Delivered to Mangus S-1036-91	250.00000	TON		

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to Maple run In-Stream Doser; Mangus S-1036-91 in Preston County, WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	Hydrated Lime Delivered to Lobo Capital UO-204	250.00000	TON		

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to Glade Run In-Stream Doser; Lobo Capital UO-204 in Preston County, WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	Hydrated Lime Delivered to Chestnut Ridge Coal S-28-83	75.00000	TON		

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to Chestnut Ridge Coal S-28-83 in Mineral County, WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	Hydrated Lime Delivered to Buffalo Coal S-2003-88	250.00000	TON		

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to Buffalo Coal S-2003-88 in Tucker County, WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
11	Hydrated Lime Delivered to unforeseen sites	250.00000	TON		

Comm Code	Manufacturer	Specification	Model #
47101600			

Extended Description : Hydrated Lime Delivered to unforeseen sites in- Monongalia, Preston, Marion, Upshur, Grant, Tucker and Mineral counties

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Eric Van Rens (RAR)
 (Name, Title)
Eric Van Rens, Vice President
 (Printed Name and Title)
3870 S. Lindbergh Blvd., Ste 200, St. Louis, MO 63127
 (Address)
(800) 437-5463 / (314) 543-6573
 (Phone Number) / (Fax Number)
Sales@mlc.com
 (email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Mississippi Lime Company
 (Company)

Eric Van Rens (RAR), Vice President
 (Authorized Signature) (Representative Name, Title)

Eric Van Rens, Vice President
 (Printed Name and Title of Authorized Representative)

6/7/2017
 (Date)

(800) 437-5463 / (314) 543-6573
 (Phone Number) (Fax Number)

REQUEST FOR QUOTATION
OSR North Bulk Hydrated Lime

- 8.4 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Greg Wicklund
Telephone Number: (248) 613-8705
Fax Number: (314) 543-6566
Email Address: gpwicklund@mlc.com

VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. Application is made for 2.5% vendor preference for the reason checked:

- Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or,**
- Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification;
- Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; **or,**
- Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or,**

2. Application is made for 2.5% vendor preference for the reason checked:

- Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or,**

3. Application is made for 2.5% vendor preference for the reason checked:

- Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; **or,**

4. Application is made for 5% vendor preference for the reason checked:

- Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or,**

5. Application is made for 3.5% vendor preference who is a veteran for the reason checked:

- Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or,**

6. Application is made for 3.5% vendor preference who is a veteran for the reason checked:

- Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

7. Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with *West Virginia Code* §5A-3-59 and *West Virginia Code of State Rules*.

- Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Mississippi Lime Company

Signed: [Signature] (PAR)

Date: 6/7/2017

Title: Vice President

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Mississippi Lime Company

Authorized Signature: [Signature] Date: 6/7/2017

State of Missouri

County of St. Louis, to-wit:

Taken, subscribed, and sworn to before me this 7th day of June, 2017.

My Commission expires February 2, 2020, 2017.

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 08/01/2015)



CHRISTINA MARIE CHULKA
My Commission Expires
February 2, 2020
St. Louis City
Commission #16373985

Discovering what's possible with calcium

PRODUCT DESCRIPTION

Standard Hydrated Lime is a refined hydrate that has a small median particle size, good flow properties, high surface area, and high total & available Ca(OH)_2 . Standard Hydrated Lime is used in flue gas treatment (for the control of SO_2 and SO_3 emissions), water and waste water treatment, acid neutralization, construction and other environmental applications.

TYPICAL CHEMICAL PROPERTIES	
Ca(OH)_2 - Total	98.0%
Ca(OH)_2 - Available	96.8%
CO_2	0.5%
Free Moisture	0.7%
CaSO_4	0.1%
Sulfur - Equivalent	240 ppm
Crystalline Silica	<0.1%
SiO_2	0.5%
Al_2O_3	0.2%
Fe_2O_3	0.06%
MgO	0.4%
P_2O_5	100 ppm
MnO	25 ppm

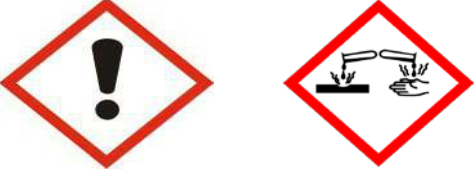
TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	2.34
Dry Brightness, G.E.	92.0
Median Particle Size - Sedigraph	2 micron
pH	12.4
-100 Mesh (150 μm)	100.0%
-200 Mesh (75 μm)	99.0%
-325 Mesh (45 μm)	94.0%
Apparent Dry Bulk Density - Loose	22 lbs./ft ³
Apparent Dry Bulk Density - Packed	35 lbs/ft ³

- ✓ Meets the AWWA standard B202-02
- ✓ Meets AASHTO standard M303-89
- ✓ Certified to NSF standard 60
- ✓ Certified to ASTM standards:
 - C977-03
 - C1097-06a
 - C207-06 (type N only)
 - C911-06



Telephone: 800.437.5463
 Contact: sales@mississippilime.com
 Web site: www.mississippilime.com

MISSISSIPPI LIME COMPANY - SAFETY DATA SHEET

Section 1: Identification				
Calcium Hydroxide Ca(OH)₂				
Product Line	MicroCal – HF, HFT20, HM, HS, Low Al; PetroCal – HF, HM, HS; Standard Hydrated - Lime, CG, FGT, HR, HRH, HRH-64, SP, Slik Type S; Liquid Calcium Hydroxide (LCH); MP Liquid Calcium Hydroxide (MPLCH); VitaCal – H, LCH; Architectural Lime Putty; Enhanced			
Product Uses	Building material industry, Chemical industry, Agriculture, Biocide applications, Environmental protection (e.g. flue gas treatment, waste water treatment, sludge treatment), Drinking water treatment, Feed, food and pharmaceutical industry, Civil engineering, Paper and paint industry, Glass industry, Leather.			
Manufacturer	Mississippi Lime Company 16147 US Highway 61, Ste Genevieve, MO 63670			
<b style="color: red;">24 Hour Emergency Contact Number: (800) 437-5463				
Section 2: Hazard(s) Identification				
Signal Word	<b style="color: red;">WARNING !			
				
HAZARD	H 315: Causes skin irritation H 319: Causes serious eye irritation H 335: May cause respiratory irritation			
PRECAUTIONARY STATEMENTS	<p><u>PREVENTION</u></p> <p>P 102: Keep out of reach of children.</p> <p>P 261: Avoid breathing dust.</p> <p>P 280: Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P 402: Store (dry product) in dry place</p> <p>P 501: Dispose of contents / container in accordance with... regulations.</p> <hr/> <p><u>RESPONSE</u></p> <p>P 302 + P 352: IF ON SKIN: Wash with plenty of soap and water.</p> <p>P 304 + P 340: IF INHALED: Remove victim to fresh air and keep at rest and comfortable.</p> <p>P 305 + P 351: IF IN EYES: Rinse cautiously with water for several minutes.</p> <p>P 305 + P 337 + P 313: IF IN EYES: If eye irritation persists, Get medical advice/attention</p> <p>P 301 + P 330 + P 331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting</p>			
WHMIS	Class "D2A" Chronic Toxicity/Carcinogenicity (if qrtz >0.1%) and Class "E" (Corrosive) Skin			
Other Hazards	In contrast to the dry powder, calcium hydroxide, when diluted with water, can produce severe skin damage in humans (alkaline burns), especially with prolonged skin contact.			
Section 3: Composition/Information on Ingredients				
Ingredient	CAS ID	EC ID		Concentration
Calcium Hydroxide Ca(OH) ₂	01305-62-0	215-137-3		96.0 to 97.2 %
Calcium Carbonate	0471-34-1	207-439-9		0.65 to 1.75 %
Magnesium Oxide	01309-48-4	215-171-9		0.40 to 0.55 %
Calcium Sulfate	07778-18-9	231-900-3		0.05 to 0.10 %
Total Silica (SiO ₂)	7631-86-9	238-878-4		0 to 1.5%

MISSISSIPPI LIME COMPANY - SAFETY DATA SHEET

Section 4: First-Aid Measures						
Eye Contact	Irritation - Irrigate eyes with water immediately for at least 15 minutes. Consult a doctor.					
Skin Contact	Irritation - Wash affected area with water. Change out of contaminated clothing when practical.					
Ingestion	Wash mouth and drink copious quantities of water. Do not induce vomiting. Consult a doctor.					
Inhalation	Irritation - Move victim to fresh air and treat for discomfort. Consult a doctor if difficult breathing.					
Medical	No delayed effects. Treat symptomatically.					
Section 5: Fire-Fighting Measures						
Flammability	Nonflammable and noncombustible.					
Extinguishing Media	Use dry powder, foam or CO2 extinguishers to fight surrounding fire.					
Special hazards	None.					
Advice for fire-fighters	Wear appropriate personal protective equipment.					
Section 6: Accidental Release Measures						
Precautions	Avoid contact with skin and eyes and keep dust levels to a minimum. Ensure adequate ventilation and/or suitable respiratory protective equipment (Section 8).					
Environmental	Control and minimize releases to watercourses and storm drains. Notify Environmental agencies of significant spillage into water.					
Containment	Contain spillage and keep material dry and covered if possible to minimize dust hazard.					
Clean-up	Keep material dry if possible. Use vacuum systems, if available, and/or broom and shovel. Use salvage drums for dry and wet collection.					
Disposal	Check Federal State and Local restrictions or recycle and reuse for beneficial applications.					
Section 7: Handling and Storage						
Precautions for Safe Handling	Avoid excessive dust in work area and ensure adequate ventilation. Use dust mask when appropriate. Avoid contact with skin and eyes. Use appropriate eye protection. Avoid extended contact with skin and clothing. Avoid ingestion and contact with food.					
Precautions for Safe Storage	Keep product dry and bags and containers stored in dry and well-ventilated location place. Store bulk in dry properly designed bins and silos. Keep out of reach of children. Calcium hydroxide will react with air, strong acids and moisture.					
Section 8: Exposure Control / Personal Protection						
Ingredient	CAS	Concentration	Exposure Limit (mg/m3)			
Calcium Hydroxide Ca(OH)2	1305-62-0	Solids 95-100% (Dry Basis)	OSHA PEL (TWA) 8/40h	ACGIH TLV (TWA) 8/40h	MSHA/PEL (TWA) 8/40h	NIOSH REL (TWA) 10/40H
			15 T / 5 R	5	5	10 T / 5 R
Crystalline Silica SiO2	14808-60-7	< 0.1% or 0.1 - 0.5%	T= 30(%SiO ₂)+2 R=10/(%SiO ₂)+2	R= 0.025	T= 30 (%SiO ₂)+2 R=10 / (%SiO ₂)+2	R=0.05
Calcium Hydroxide is not listed as a carcinogen by ACGIH, MSHA, OSHA, NTP, DFG, RSST or IARC. However, Crystalline Silica may be present below or above detection levels <0.1%. Occupational exposure is dependent upon the handling method and specific application. Two ranges are disclosed for (T) Total Dust and (R) Respirable Dust						
Derived No Effect Lvl (DNEL):	Predict No Effect Con (PNEC):		Biological Limit			
No information available	No information available		Not established by ACGIH or manufacturer			

MISSISSIPPI LIME COMPANY - SAFETY DATA SHEET

Section 8: Exposure Control / Personal Protection (continued)						
Engineering Control Measures	Ventilation - Ensure adequate ventilation in workplace - especially in confined areas. Evaluate degree of exposure and apply appropriate PPE as necessary.					
	Dust Control - Use exhaust ventilation (dust collector) or other engineering controls at handling points to keep airborne levels below recommended exposure limits and/or wear personal protective equipment.					
	Eye Wash - Keep emergency eye wash supplies at the workplace.					
Personal Protective Equipment	Eye Protection - ANSI, CSA or ATM approved glasses with side-shields. Tight fitting dust goggles should be worn when excessive (visible) emissions are present. Do not wear contact lenses without tight fitting goggles when handling this product.					
	Hand Protection - Wear dry protective gloves and apply barrier cream as required.					
	Skin Protection - Cover skin to minimize direct contact.					
	Footwear - Boots resistant to alkaline material. Prevent dust penetration into socks and boots.					
Hygiene	Respiratory Protection - Follow OSHA respirator guidelines found in 29 CFR 1910.134 or European Standard EN 149. Use NIOSH/MSHA or European Standard EN 149 approved respirators if exposure threshold limits are exceeded or irritation is experienced.					
	Handle product in accordance with good industrial hygiene and safety practice. Wear clean, dry personal protective equipment. Barrier cream will reduce dryness and irritation. Heavily exposed workers should shower immediately and apply barrier cream to neck, face and wrists.					
Environmental	Ventilation systems should be filtered before discharge to atmosphere.					
Section 9: Physical and Chemical Properties						
Physical State	Formula	Color	Stability	Flammability	Explosivity	Flash Pt
Solid / Powder	Ca(OH) ₂	Off white	Reactive	Non-flammable	Not flammable	Non-Combustible
Solu. (H₂O)	Volatiles	Density	Bulk Density	Sp. Gravity	Vapor Press	Boiling Pt
1650 mg/L 20C	0%	200-500 kg/m ³	220-690 kg/m ³	2.2- 2.7 g/cm ³	NA	NA
Freezing Point	pH @ (25C)	Melting Pt	Self Ignition T	Dust Defrag Kst	Vapor Density	Viscosity
NA	12.45	580 °C	NA	NA	NA	NA
Partition CoeF	Odor	Evaporation	Decomp.	Additives		
NA	Odorless	NA	540 °C 1076 °F	NA		
Section 10: Stability and Reactivity						
Reactivity	Ca(OH) ₂ dissociates in aqueous media forming calcium cations and hydroxyl anions					
Stability	Under normal conditions of use and storage, calcium hydroxide is stable					
Hazardous	Reacts exothermically with acids					
Incompatibility	Strong acids, phosphorus, maleic anhydride, nitro methane, nitro ethane, nitroparaffins, nitro propane, boron tri-fluoride, chlorine tri-fluoride, ethanol, fluorine, hydrogen fluoride, phosphorous pentoxide some metals					
Decomposition	None - Calcium hydroxide reacts with carbon dioxide to form calcium carbonate					

MISSISSIPPI LIME COMPANY - SAFETY DATA SHEET

Section 11: Toxicological Information	
Acute	Routes of Entry - Skin Contact, Eye Contact, Acute Inhalation, Ingestion
Skin	Irritating and drying to skin -depending on exposure , moisture and duration of contact. Long sleeve clothing and gloves recommended.
Eyes	Hazardous with eye contact (as irritant and high alkalinity). Possible lesions and blindness if left untreated for prolonged period.. Wear appropriate eye protection (goggles) and avoid wearing contact lenses. Standard Draize (Rabbit) - 10 mg/24 hr - Severe
Inhalation	Potentially hazardous. Respiratory irritation /inflammation of mucous membranes, , coughing and sneezing The extent of damage depends on amount inhaled. Wear appropriate dust mask
Ingestion	May cause gastro-intestinal irritation and pain, vomiting, diarrhea, drop in blood pressure. Extent of damage depends on amount ingested. Rat- LD50: 7340 mg/kg
Sensitization	No sensitizing effects known.
Chronic	Contact dermatitis.
Carcinogenicity	No carcinogenicity data is available for this product. Calcium hydroxide is not listed as a carcinogen by ACGIH, MSHA, OSHA, NTP, DFG, RSST or IAARC.
Section 12: Ecological Information	
Toxicity - Aquatic toxicity severe in high concentrations from high alkalinity (pH -12.454) in concentrations > 1 gram/Liter.	
Persistence and degradability - Not relevant for inorganic substances	
Ecological information - Not relevant information available.	
Other information - The product is not biodegradable.	
Bioaccumulative potential - Not relevant for inorganic substances	
Mobility in soil - Low solubility and mobility in most ground conditions	
Additional information - Product generally nonhazardous at low concentrations. Frequently used in water treatment	
PBT and vPvB assessment - Not relevant for inorganic substances	
Other adverse effects - No further relevant information available.	
Section 13: Disposal Considerations	
Recover uncontaminated product where possible and reutilize or recycle for other beneficial purposes.	
Dispose of containers and unused products as a solid waste in accordance with Federal, State and local requirements.	
Processing, use or contamination of this product may change the waste profile characteristics and waste management options. Although not a listed RCRA hazardous waste, calcium hydroxide may exhibit high alkalinity and require refined analysis to	
Section 14: Transport / Shipping Information	
Calcium hydroxide is not regulated as a hazardous material by the Canadian Transportation of Dangerous Goods (TDG) Regulations or by the US Department of Transportation. (US DOT)	
UN Number - Non dangerous product - Not Listed	UN Proper Shipping Name - Not Classified
DOT Hazard Class - Not Classified	Packing Group Number - Not Classified
International Marine Dangerous Goods (IMDG) - Not Subject	IATA - Not Subject
Regulations governing the carriage of chemicals by ship are contained in the International Convention for the Safety of Life at Sea (SOLAS) and the International Convention for the Prevention of Marine Pollution from Ships, as modified by the Protocol of 1978 relating thereto (MARPOL 73/78). - Not regulated	

MISSISSIPPI LIME COMPANY - SAFETY DATA SHEET

Section 15: Regulatory Information	
SARA 302/304	Emergency Planning and Release Notification - Not Listed.
SARA 311	Hazard Categories (40 CFR 370) - Regulated under OSHA HazCom - Acute & Chronic.
SARA 312	Emergency Planning and Release Notification - Not Listed.
SARA 313	Toxic Release Inventory (TRI) Chemical List - Not Listed.
CERCLA	Hazardous Substances (Table 302.4) - Not Listed.
TSCA/DSL	Toxic Substance Control Act, Canada DSL and most International Chemical Inventories - Listed.
RCRA	Hazardous Waste Number and Classification - Not Listed or Classified.
WASTE	Not subject to RCRA and generally acceptable at landfills as a "special waste". Product can often be beneficially reused or recycled for other purposes.
CONEG	Council of NE Governors -Materials and inks used to manufacture packaging - Compliant
CWA 311	CWA list of hazardous substances- Not Listed. Calcium hydroxide contains alkaline material potentially toxic to aquatic life at high concentrations.
US DOT	U.S. Dept. of Transportation - Not Regulated.
SPILLS	Sweep up dry spillage where possible and minimize flushing with water.
FDA	Calcium hydroxide is generally recognized as safe (GRAS) by FDA 21 CFR 184.1205.
PROP 65	Subject to California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) warning and labeling requirements based on presence of listed trace metals & silica (at or below detection levels) " known to the State of California to cause cancer. " Non-detectable concentrations are reported at 1/2 the detection level.
NAFTA	Product classified as HS Tariff No 2822.50 OR 2825.90; Preference Criteria A; 100% US Origin.
EU REACH	Product pre-registered # 5-2116374587-30-0000. Contact Customer Service for restrictions.
Section 16: Other Information /Disclaimer	
Mississippi Lime Company provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular application or purpose.	
Prepared by: <i>J.S. Castleberry</i>	6/8/2016

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.


Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

MISSISSIPPI LIME CO

 Company


 Authorized Signature
 6/6/17

 Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/8/2012