



**India**  
D-24, Sardar Estate, Ajwa Road  
Vadodara-390 019, Gujarat, India  
Ph /Fax : 91 265 2517505  
[info@hspl.in.net](mailto:info@hspl.in.net)

**Date** \_\_\_\_\_  
**Company** \_\_\_\_\_  
**Address** \_\_\_\_\_  
**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_  
  
**Contact 1** \_\_\_\_\_  
Phone \_\_\_\_\_  
Fax \_\_\_\_\_  
Email \_\_\_\_\_  
  
**Contact 2** \_\_\_\_\_  
Phone \_\_\_\_\_  
Fax \_\_\_\_\_  
Email \_\_\_\_\_

**Location of Installation:** \_\_\_\_\_

**Quotation deadline:** \_\_\_\_\_ **Installation target date:** \_\_\_\_\_

**Project status:**  Budgetary  Funded  Approved for purchase

#### MATERIAL

Common Name \_\_\_\_\_ Trade Name \_\_\_\_\_

Material is supplied in  Bulk bags  Drums  Small bags - weight of bags: \_\_\_\_\_

Bulk Density \_\_\_\_\_  g/cc  kg/m<sup>3</sup> Particle Size \_\_\_\_\_

Temperature \_\_\_\_\_ Moisture Content \_\_\_\_\_

Abrasiveness:  Non-abrasive  Mildly abrasive  Highly abrasive

Flowability:  Very free flowing repose < 30°  Free flowing repose 30° to 45°  Sluggish Repose > 45°

Characteristics (Check all that apply)

- |  |                                       |                                     |                                   |
|--|---------------------------------------|-------------------------------------|-----------------------------------|
| <input type="checkbox"/> Corrosive       | <input type="checkbox"/> Agglomerates | <input type="checkbox"/> Segregates | <input type="checkbox"/> Aerates  |
| <input type="checkbox"/> Explosive       | <input type="checkbox"/> Hygroscopic  | <input type="checkbox"/> Adhesive   | <input type="checkbox"/> Degrades |
| <input type="checkbox"/> Packs or smears | <input type="checkbox"/> Friable      | <input type="checkbox"/> Cohesive   | <input type="checkbox"/> Toxic    |

#### LUMPS

Largest lump size: \_\_\_\_\_

What is acceptable size after passing through lump breaker? (76 mm is typical) \_\_\_\_\_

Can the lumps be broken up easily?  Yes  No

Rate hardness on a scale 1-10: \_\_\_\_\_ 1 = drop on floor, 10= it takes a hammer

#### WORK ENVELOPE

Required throughput: \_\_\_\_\_ kg/min or \_\_\_\_\_ kg/hr. \_\_\_\_\_ m<sup>3</sup>/min \_\_\_\_\_ m<sup>3</sup>/hour

What is feeding the lump breaker? \_\_\_\_\_

This will require inlet:  Hopper  Transition  Flange  None

What does the lump breaker discharge into? \_\_\_\_\_

This will require discharge:  Transition  Flange  None

**CONSTRUCTION**

Contact surfaces:  Carbon steel  #304 Stainless steel  #316L Stainless steel

Internal finish:  Standard (primary mill)  Food grade (to 120 grit)

**ELECTRICAL**

Motor specifications: \_\_\_\_\_ Volt/3 Phase/ \_\_\_\_\_ Hertz

TEFC  Washdown Duty  
 Explosion Proof Class: \_\_\_\_\_ Group: \_\_\_\_\_ Division: \_\_\_\_\_

Controls:  Required, NEMA: \_\_\_\_\_  Not required

Describe your process: