

**India**

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Date _____
Company _____
Address _____
City _____ State _____ Zip _____

Contact 1 _____ **Contact 2** _____
Phone _____ Phone _____
Fax _____ Fax _____
Email _____ 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/m³ 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. _____ m³/min _____ m³/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: