

Submitted for: Budget Quote Firm Quote Testing Rental

Date _____ 200__

CAPACITY

Company _____

Liquid Feed rate _____ lbs./hour

Contact _____

Flake Thickness _____ inch or μ

Title _____

Address _____

Equipment will Operate:

Continuous: _____ hours/day
 Intermittent: _____ hours ON, _____ hours OFF

City _____ St _____ Zip _____

Country _____

Phone _____

Fax _____

Email _____

Where did you learn about **Buflovak**? _____

FLAKE CHARACTERISTICS

Characteristics: Powder Flake Sheets
 Dusty Friable Sticky Cohesive Aerates
 Agglomerates Hygroscopic
 Other _____

Bulk Density _____ lbs./ft³

Angle of Repose _____ ° from horizontal

FLAKING EXPERIENCE

How do you presently solidify/flake this product? _____

Is this method performing satisfactorily? Explain _____

PRODUCT DISCHARGE

Hopper Portable Bin Screw Conveyor
 Pneumatic Conveyor

LIQUID FEED CHARACTERISTICS

Material to be Flaked _____

FLAKER ENCLOSURE REQUIREMENTS

Simple Vapor Hood (open sides)
 Dust Tight Vapor Tight

MSDS Attached: YES NO

UTILITIES AVAILABLE

Characteristics: Toxic Flammable Explosive
 Corrosive Abrasive

Cooling Water _____ °F °C, _____ gpm, _____ psig

Steam: q Saturated q Superheated _____ lbs/min, _____ psig

Other Characteristics: Cohesive Lumpy
 Foams Fibrous Crystalline

Hot Water _____ °F °C, _____ gpm _____ psig

Material Form: Liquid Slurry Suspension Paste

Air: Clean Shop Air _____ psig, _____ cfm

Viscosity _____ Cps

Electrical: _____ Voltage, _____ Phase, _____ Hz

Rheological Characteristics: Newtonian
 Thixotropic Dilatant Pseudo-Plastic

Enclosures: q NEMA-12 NEMA-4, Washdown
 NEMA-7, X-P Other _____

Percent Solids _____ %

Motor Classification: Class _____, Div. _____, Grp. _____

Percent Liquid _____ %

Specific Gravity _____

CONTROLS & SUPPORT EQUIPMENT

Heat Capacity of Solid _____ BTU's/lbs.

None Basic Control Automation Chiller
 Vacuum System Dust Collection Sifter
 Particle Size Reduction Other _____

Heat Capacity of Liquid _____ BTU's/lbs.

Heat of Fusion _____ BTU's/lbs.

pH _____

PROJECT SCHEDULE

Feed Temperature _____ °F °C

Start-Up Scheduled for 1st 2nd 3rd 4th qtr 200__

Melting Temperature _____ °F °C

Project is Funded: Yes No

Solidification Temperature _____ °F °C

Installation Location (state or country): _____

Supercooling Properties _____ Congeals _____ °F °C

Maximum Sustained Temperature _____ °F °C

Sales Representative: _____