

Submitted for: Budget Quote Firm Quote Testing Rental

Date _____ 200__

Company _____
Contact _____
Title _____
Address _____
City _____ St _____ Zip _____
Country _____
Phone _____
Fax _____
Email _____
Where did you learn about Buflovak? _____

FLAKING EXPERIENCE

How do you presently solidify/flake this product? _____
Is this method performing satisfactorily? Explain _____

LIQUID FEED CHARACTERISTICS

Material to be Flaked _____
MSDS Attached: YES NO
Characteristics: Toxic Flammable Explosive
 Corrosive Abrasive
Other Characteristics: Cohesive Lumpy
 Foams Fibrous Crystalline
Material Form: Liquid Slurry Suspension Paste
Viscosity _____ Cps
Rheological Characteristics: Newtonian
 Thixotropic Dilatant Pseudo-Plastic
Percent Solids _____ %
Percent Liquid _____ %
Specific Gravity _____
Heat Capacity of Solid _____ BTU's/lbs.
Heat Capacity of Liquid _____ BTU's/lbs.
Heat of Fusion _____ BTU's/lbs.
pH _____
Feed Temperature _____ °F °C
Melting Temperature _____ °F °C
Solidification Temperature _____ °F °C
Supercooling Properties _____ Congeals _____ °F °C
Maximum Sustained Temperature _____ °F °C

CAPACITY

Liquid Feed rate _____ lbs./hour
Flake Thickness _____ inch or μ
Equipment will Operate:
 Continuous: _____ hours/day
 Intermittent: _____ hours ON, _____ hours OFF

FLAKE CHARACTERISTICS

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

Bulk Density _____ lbs./ft³

Angle of Repose _____ ° from horizontal

PRODUCT DISCHARGE

Hopper Portable Bin Screw Conveyor
 Pneumatic Conveyor

FLAKER ENCLOSURE REQUIREMENTS

Simple Vapor Hood (open sides)
 Dust Tight Vapor Tight

UTILITIES AVAILABLE

Cooling Water _____ °F °C, _____ gpm, _____ psig
Steam: q Saturated q Superheated _____ lbs/min, _____ psig
Hot Water _____ °F °C, _____ gpm _____ psig
Air: Clean Shop Air _____ psig, _____ cfm
Electrical: _____ Voltage, _____ Phase, _____ Hz
Enclosures: q NEMA-12 NEMA-4, Washdown
 NEMA-7, X-P Other _____
Motor Classification: Class _____, Div. _____, Grp _____

CONTROLS & SUPPORT EQUIPMENT

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

PROJECT SCHEDULE

Start-Up Scheduled for 1st 2nd 3rd 4th qtr 200__
Project is Funded: Yes No
Installation Location (state or country): _____
Sales Representative: _____