

Submitted for:  Budget Quote  Firm Quote  Testing  Rental

Date \_\_\_\_\_ 200\_\_

### CAPACITY

Company \_\_\_\_\_

Liquid Feed \_\_\_\_\_ lbs./hour

Contact \_\_\_\_\_

or

Title \_\_\_\_\_

Dry Material Output \_\_\_\_\_ lbs./hour

Address \_\_\_\_\_

### Equipment will Operate:

Continuous: \_\_\_\_\_ hours/day

Intermittent: \_\_\_\_\_ hours ON, \_\_\_\_\_ hours OFF

City \_\_\_\_\_ St \_\_\_\_\_ Zip \_\_\_\_\_

### DRY PRODUCT CHARACTERISTICS

Country \_\_\_\_\_

Phone \_\_\_\_\_

Final Moisture Level Required \_\_\_\_\_ %

Fax \_\_\_\_\_

Dry Material Characteristics:  Powder  Flake

Sheets  Dusty  Friable  Sticky  Cohesive

Email \_\_\_\_\_

Aerates  Agglomerates  Hygroscopic

Where did you learn about **Buflovak**? \_\_\_\_\_

Other \_\_\_\_\_

### DRYING EXPERIENCE

How do you presently dry this product? \_\_\_\_\_

Bulk Density \_\_\_\_\_ lbs./ft<sup>3</sup>

Angle of Repose \_\_\_\_\_ ° from horizontal

Is this method performing satisfactorily? Explain \_\_\_\_\_

Particle Size \_\_\_\_\_ mesh or  $\mu$

### LIQUID FEED CHARACTERISTICS

Chemical Name(s) \_\_\_\_\_

### DRY PRODUCT DISCHARGE

Hopper  Portable Bin  Screw Conveyor

Pneumatic Conveyor

### DRYER ENCLOSURE REQUIREMENTS

Simple Vapor Hood (open sides)  Dust Tight

Vacuum Enclosure \_\_\_\_\_ "Hg

### UTILITIES AVAILABLE

MSDS Attached:  YES  NO

Steam:  Saturated  Superheated \_\_\_\_\_ lbs/min, \_\_\_\_\_ psig

Percent Solids \_\_\_\_\_ %

Cooling Water: \_\_\_\_\_ °F °C, \_\_\_\_\_ gpm, \_\_\_\_\_ psig

Percent Unbound Moisture \_\_\_\_\_ %

Air:  Clean  Shop Air \_\_\_\_\_ psig, \_\_\_\_\_ cfm

Critical Moisture Level (bound moisture) \_\_\_\_\_ %

Electrical: \_\_\_\_\_ Voltage, \_\_\_\_\_ Phase, \_\_\_\_\_ Hz

Liquid(s) to be removed: \_\_\_\_\_ / \_\_\_\_\_ %

Enclosures:  NEMA-12  NEMA-4, Washdown

NEMA-7, X-P  Other \_\_\_\_\_

Heat Capacity \_\_\_\_\_ BTU's/lbs.

Heat of vaporization \_\_\_\_\_ BTU's/lbs.

pH \_\_\_\_\_

Motor Classification: Class \_\_\_\_\_, Div. \_\_\_\_\_, Grp. \_\_\_\_\_

### CONTROLS & SUPPORT EQUIPMENT

Liquid Feed Temperature \_\_\_\_\_ °F °C

None  Basic Control  Automation  Condenser

Vacuum System  Dust Collection  Sifter

Particle Size Reduction  Other \_\_\_\_\_

Maximum Drying Temperature \_\_\_\_\_ °F °C

Vacuum Level Required \_\_\_\_\_ "Hg

Product Characteristics:  Toxic  Flammable

Explosive  Corrosive  Abrasive

### PROJECT SCHEDULE

Product Form:  Liquid  Slurry  Suspension  Paste

Start-Up Scheduled for  1<sup>st</sup>  2<sup>nd</sup>  3<sup>rd</sup>  4<sup>th</sup> qtr 200\_\_

Material Characteristics:  Cohesive  Sticky

Lumpy  Foams  Fibrous  Crystalline

Project is Funded:  Yes  No

Viscosity \_\_\_\_\_

Installation Location (state or country): \_\_\_\_\_

Sales Representative: \_\_\_\_\_