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 Houston, Texas 77079  
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### Fluid Bed Equipment - Application Data

Date:	
Company:	
Name:	
Address:	
Tel:	
Fax:	
Email:	

### Basic Requirements

Please complete to the extent information is available or known at this time; expand on any subject or provide any additional information which you feel may be of helpful as well.

Throughput:		lb/hr or kg/hr ?
Type of Process Needed ? i.e. drying, drying + cooling, classifying, conditioning, calcining, etc.		
Temperature In / Out (if known):		deg F or deg C ?
Moisture In / Out:		wt%, surface/internal ? test method ?
Bulk Density of material (wet & dry):		lb/ft <sup>3</sup> or kg/m <sup>3</sup> ?
Particle Density or Specific Gravity (if known)		lb/ft <sup>3</sup> or kg/m <sup>3</sup> ?
Specific Heat		BTU/lb•deg F or J/g•K ?
Particle Size Distribution Info (describe here or attach table)		



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Does product decompose or discolor with temperature ? (describe any limitations)	
<b>Special Product Characteristics</b> <ul style="list-style-type: none"> <li>- corrosive ?</li> <li>- reactive ?</li> <li>- explosive (if known, advise kst, Pmax, Minimum ignition energy, Class of dust class, LEL in g/m3 ) ?</li> <li>- hygroscopic ?</li> <li>- angle of repose for dry solids ?</li> </ul>	

### Site Conditions, Requirements, Available Utilities

Site Location, Elevation, Ambient Summer & Winter Conditions (for design):		nearest city; height above mean sea level in feet or meters; summer/winter temperatures & ambient humidities
Source for Thermal Energy (i.e. saturated steam @ __ psig, natural gas, hot water, waste heat, circulated thermal oil, etc.)		
Electric Power Source for Motors:		Voltage, frequency, phase
Area Classification (for electrical equipment, etc.)		
Any known or site requirements/preferences for materials, metal/weld finishing, coatings ?		Alloys, polishing, passivation, coating type, etc.

### Other Project Information

Your project name or reference number:	
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<p>Scope of supply</p> <ul style="list-style-type: none"> <li>- Basic fluid bed unit with accessories ?</li> <li>- Fans, air heating/cooling, ductwork (as needed) ?</li> <li>- Exhaust air treatment – dust/entrained particulate removal (advise preference if known - cyclones/baghouse/scrubbing equipment) ?</li> <li>- Instrumentation ?</li> <li>- Upstream wet storage hoppers, silos ?</li> <li>- Downstream storage ?</li> <li>- Conveying ?</li> <li>- Slurry or cake pumping ? (via piston pumps) / downstream storage, conveying, slurry pumping needed ?</li> <li>- Truck loadout ?</li> </ul>	
<p>Any information on upstream and downstream handling you can advise ? (means of dewatering, upstream/downstream conveying from equipment, is product going into storage or into packaging ?, etc.)</p>	
<p>How is the product being processed now ? (i.e. dryer type, conditions, new process, etc.)</p> <p>Is a sample available for testing ?</p>	
<p>Would you prefer budgetary or firm quotation ?</p> <p>When is Info Needed ?</p> <p>Any other information needed from us ?</p>	



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Please return the inquiry form to us at the following address, telefax or by email as follows...

Schwing Bioset, Inc.  
11111 Katy Freeway, Suite 910  
Houston, TX 77079  
Phone 713 973 5797 / Fax 713 973 5798

email to: [jorr@schwingbioset.com](mailto:jorr@schwingbioset.com)

*(revised 8/22/06)*