

## MDSJ PROSES BAG FILTER TEHNICAL INQUIRY FORM FOR OFFER

### CUSTOMER INFORMATION

Company \_\_\_\_\_  
Name \_\_\_\_\_  
Address: Street \_\_\_\_\_  
City \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_  
Cell \_\_\_\_\_ Email \_\_\_\_\_

### PROJECT STATUS

Type of Pricing Required (check one):

- ☐ Budget  
☐ For Bid (OEM)  
☐ Firm for Purchase: ☐ next 30 days ☐ 30-60 days ☐ >60 days

Type of Quote (check one):

- ☐ Formal Proposal  
☐ Price and Description

### DESIGN CONDITIONS

Location:

Outdoors City & State \_\_\_\_\_  
Seismic Condition \_\_\_\_\_ Wind condition \_\_\_\_\_  
Elevation \_\_\_\_\_  
At Grade or on Roof \_\_\_\_\_  
Outdoors Ambient Temperature Range \_\_\_\_\_  
Indoors Space Restriction - Height \_\_\_\_\_  
Plain Area \_\_\_\_\_

### PROCESS DETAILS

Compressed Air: ☐ Available

Notes: Air properties (  $\text{m}^3 / \text{h}$  , %RH , Pressure, etc.

### APPLICATION

Briefly describe the process:

Has other bag filter equipment been used on this process ? ☐ Yes ☐ No

(If yes, explain:) \_\_\_\_\_

Has other bag filter equipment been acceptable? ☐ Yes ☐ No

(If yes, explain:) \_\_\_\_\_

Type of Pollutant: ☐ Particulate ☐ Fume

Name of Particulate Contaminants:

\_\_\_\_\_

Air Volume \_\_\_\_\_  $\text{m}^3 / \text{h}$  Inlet Dust Loading \_\_\_\_\_  $\text{gr} / \text{m}^3$

Inlet Temperature \_\_\_\_\_  $\text{deg } ^\circ\text{C}$  Operating Temperature \_\_\_\_\_  $\text{deg } ^\circ\text{C}$

Inlet Pressure \_\_\_\_\_ Bulk Density \_\_\_\_\_  $\text{kg} / \text{m}^3$

Particle Size Distribution

Moisture Content of Gas \_\_\_\_\_ % RH

Inlet Dust Concentration \_\_\_\_\_ % or \_\_\_\_\_ kg / h

Dust Characteristics (Check all that apply):

- ☐ Abrasive     ☐ Flammable     ☐ Explosive     ☐ Hygroscopic  
☐ Other \_\_\_\_\_

### **MATERIALS OF CONSTRUCTION**

- ☐ Carbon Steel  
☐ 304 Stainless Steel     ☐ 304LSS  
☐ 316 Stainless Steel     ☐ 316LSS  
☐ Other \_\_\_\_\_

### **REQUESTED EQUIPMENT** (Check all that apply)

- ☐ Only Jet Pulse Filter  
☐ Mechanical Cleaning Filter Systems  
☐ Reverse Air Cleaning Filter Systems

Notes

### **ACCESSORIES**

- ☐ Supports  
☐ Pipe Lines  
☐ Automation  
☐ System Vantilator  
 Static Pressure external to bag filter . \_\_\_\_\_ mmSS  
 Sound requirement \_\_\_\_\_ dBA @ \_\_\_\_\_ m.  
☐ Other (list)

**INSTRUMENTS** For use with Bag Filter System

- ☐ Rotary
- ☐ Double Flap
- ☐ Screw Conveyors
- ☐ Fan Inlet Damper
- ☐ Level Sensor
- ☐ Differential Pressure Control

**OTHER SPECIFICATIONS**

Please attach other pertinent specification, sketches, or drawings.