

SUVIK ELECTRONICS PVT. LTD.

AC DRIVE APPLICATION FORM

Doc No :
Report No :
Ref No :
Date :

Department: Marketing Testing CSD Purchase

Client Details:

Company : _____
Industry : _____
Contact Person : _____ Address : _____
Designation : _____ City : _____
Email : _____ State : _____
Telephone : _____ Pin Code : _____
Fax : _____ Country : _____
Application : _____ Number of Such
System Required: _____

Power Supply to System:

Main Electric Board Power Plant Generator

Motor Details (presently used)

1. HP _____ 4. Volts _____ 7. Frequency _____
2. RPM _____ 5. Amps _____ 8. Insulation Class _____
3. Frame Size _____ 6. Mounting _____

Present System:

Type of load:

Constant Torque Constant HP Variable

Type of Coupling: _____ Is Braking used: Yes/No

Ratio of coupling: _____

Deceleration time of present system from maximum to zero speed: _____ sec

Acceleration time of present system from zero to maximum speed: _____ sec

Jog speed (if used): _____ RPM Reverse used: Yes/No

Starting current: _____ AMP Peak for: _____ sec

Max continuous _____ Min Continuous

Current: _____ AMP Current: _____ AMP

Brief description of present system: _____

Merits & Demerits: _____

AC Drive Requirement:

HP: _____ Input Voltage: _____ VAC

Output Voltage: 0 To _____ VAC

Output frequency Range: _____ Hz(Min.) To _____ Hz (Max.)

Forward/Reverse required: Yes/No

External speed signal to be used:

- Potentiometer 4-20mA 0-10 VDC -10 to +10 VDC

Braking Required: Yes/No

Preset Speed: Keypad/ Terminal/ RS485

Speed regulation Required: _____ % Ambient Temperature: _____ °C

Environment to install ACT: Dry/ Wet/ Corrosive/ Clean

Acceleration time required: _____ sec (Zero to Max. Speed Time)

Deceleration Time Required: _____ sec (Max. to Zero Speed Time)

Torque required at min speed: _____ Power required at min speed: _____

Torque required at max speed: _____ Power required at max speed: _____

WK Square of Load: _____

Describe the Operation in short: _____

General

New installation/ Retrofit

If Retrofit, Name of Inverter used: _____

Special features in inverter: _____

Disadvantages of present system: _____

Customer Expectation: _____

Additional Requirement: _____

