**XICHI MV VFD Parameter list for model selection**

(The following parameters should be provided by the buyer)

|  |  |
| --- | --- |
| **用户名/项目名**  **(User name/Project Name)** |  |
| **工艺段/负载设备名称**  **(Process section/load equipment name)** |  |
| 负载类型  (Load type) | □泵/风机(Pump/Fan) □压缩机(Compressor) □挤压机(Extruder)  □回转窖(Rotary kiln) □提升机(Hoist)  □卷绕机(Winding machine)  □多电机机械耦合(Multi-motor mechanical coupling）  □其他(Others)： |
| 负载特性  (Load characteristics) | □启动转矩大(Large starting torque) □频繁启停(Frequent start and stop) □冲击型负荷(Shock load)  □需要停车电气制动(Requires Parking Electric Brake)  □需要机械抱闸(Mechanical brake required)  □其他(Others)： |
| 电机类别及情况  (Motor category and condition) | □鼠笼式电机(Squirrel cage motor) □绕线转子电机(Wound rotor motor) □同步电机(Synchronous motor) □新上电机(New motor)  □现有运行电机(Existing running motor) |
| 电机规格  (Motor Specifications) | 电机型号(Motor model)：  生产厂家(Manufacturer)：  防护等级IP(Protection class IP)：  额定输出功率(Rated output power)： kW  额定电压(Rated voltage)： kV  额定电流(Rated current)： A  额定频率(Rated frequency)： Hz  级数(Number of motor poles)： P  额定转速(Rated speed)： rpm |
| 设备加速/减速要求  (Equipment acceleration / deceleration) | 加速时间Acceleration time s  减速时间Deceleration time s  □ 无特殊要求(No special requirements) |
| 电源  (Power supply) | 主电源电压(Mains voltage) V Hz  额定容量(Rated Capacity)： kVA  短路电流(Short circuit current) kA  控制电源电压(Control supply voltage) V Hz |
| 控制/通讯要求  (Control / Communication Requirements) | □外部DCS/PLC硬接线控制(External DCS/PLC hardwired control)  □总线控制——协议类型(Bus Control - Protocol Type)  □控制柜面板控制(Control cabinet panel control)  □现场操作箱控制(On-site operation box control)  □无特殊要求(no special requirements)  □其他(Others)： |
| 调速/反馈信号源  (Speed regulation / feedback signal source) | □传感器反馈(Sensor feedback)  □上位DCS/PLC给定(Host DCS/PLC given)  □手动给定(Manually given) □其他(Others)： |
| 工频/变频切换  (Power frequency / Frequency conversion switching) | 是否要求工频/变频切换(Is power frequency / frequency conversion required)： □Yes □No  接线柜形式(Wiring cabinet style)：  □手动一拖一 (Manual, one to one)  □手动一拖二 (Manual, one for two)  □自动一拖一 (Manual, one to one)  □自动一拖二 (Auto, one for two) |
| 调整设备运行状态依据  (Adjust equipment operating status based on) | □传感器采集信号(Sensor acquisition signal)  □现场DCS系统给定(On-site DCS system given)  □人工手动调整(Manual adjustment)  □其他(Others)： |
| 设备安装位置及环境情况  (Equipment installation location and environment) | □室外(Outdoor) □室内(Indoor)  □新建配电室(New power distribution room)  □现有配电室(Existing distribution room)  □环境特点(Environmental features)：  □电机电缆长度约(Motor cable length about) m  走线方式(Cabling method)：  □桥架或电缆沟(Bridge or cable trench) □穿管(Through pipe)  进出线方式(Incoming and outgoing feeder requirements)：  □上进上出(Up-in and Up-out) □下进下出(Down-in and Down-out)  □其他(Others)： |