

投标邀请书

各供应商（受邀请单位）：

我单位承建的福建悦淳 6000 吨有机胺技改建安总承包工程需要采购 DCS & SIS 系统一套。经我司物资采购小组研究决定：以邀请投标报价方式，选择向符合本项目要求的供应商进行询价（营业范围符合要求，具备承担招标项目能力、资信良好，注册资金满足招标额等）。特邀请贵单位前来报价，望能得到你们的高度重视！

工程名称：福建悦淳 6000 吨有机胺技改建安总承包工程

工程地点：福建省三明市三元区岩前镇布溪村 108 号福建悦淳新材料科技有限公司

建设单位：福建悦淳新材料科技有限公司

询价单位：福建省工业设备安装有限公司全资子公司-福建省三安机电工程有限公司

询价单位联系人：郑积栋 联系电话：18605985090

报价形式：报价单位必须通过闽安通（工程物资采购平台）
<http://fjaz.azt365.com/>进行报价。

一、询价产品清单及要求：

序号	物料名称	技术参数	单位	数量	备注
1	DCS & SIS 系统	详见附件供货范围明细清单	套	1	

1、上述材料报价应包括但不限于货物运输、13%税、保险、调试、质保及售后服务等。

2、品牌：**艾默生**

3、供方保证本合同中向甲方提供的产品为全新的符合相关国家标准及行业所规定的质量和规格要求的**艾默生**原厂正品。

4、合同履行期间，锁定单价，若国家税率调整，以税法规定执行。

5、材料进场应提供相关产品资料，包括：检测报告、合格证、保险等相关质量证书。

6、质保要求：交货后十二个月。

7、因产品质量造成的质量问题由供方负责免费保修或更换，并承担由此给需方造成的损失。（不含人为或自然灾害因素造成的损坏）

二、付款方式、期限：

- 1、合同签订生效后 5 天内，支付合同额的 30%预付款；
- 2、发货前支付剩余 70%尾款。

三、供货期：

合同签订生效且收到预付款后约 12 周。

四、报价单位提供资料：

产品报价单、营业执照、开户证明及相关产品资料等同步上传作为询价方评审的参考。

五、报价截止日期：

2025 年 2 月 6 日 16:00，未在该时间内提供有效报价文件视为放弃报价。

询价单位：福建省三安机电工程有限公司

日期：2025 年 2 月 5 日



附件供货范围明细清单:

单元	数量	型号	描述
福建悦淳新材料科技有限公司年产 6000 吨有机胺中间体及特种助剂小二期项目			
CCR 中控室			
原工程师站扩展			
主工程师站扩容	1	VE21UPS038	ProfessionalPLUS Station 1000 DST Scaleup
	2	VE21UPS036	ProfessionalPLUS Station 100 DST Scaleup
	1	VE21UPS035	ProfessionalPLUS Station 25 DST Scaleup
	1	VE31UPS092	Analog Control Output Scaleup 100 DST
	2	VE31UPS091	Analog Control Output Scaleup 25 DST
	3	VE31UPS082	Analog Monitor Input Scaleup 100 DST
	3	VE31UPS081	Analog Monitor Input Scaleup 25 DST
	3	VE31UPS072	Discrete Control Output Scaleup 100 DST
			原历史站/OPC 站扩展
历史趋势/OPC 工作站扩容	1	VE22UPS002	Application Station Software Scaleup1000 DV
	1	VE22UPS042	DeltaV Continuous Historian 1000 Parameters Scaleup
原 AMS 站扩展 AMS Scaleup			
原 AMS 工作站扩容	3	AW7001SPUP100	_+ SERVER PLUS STATION LICENSE SCALEUP, 100 TAGS (USEABLE ONLY ON STATIONS OF 100-1400 TAGS)
	3	AW7010NLUP100	_+ ONLINE INTERFACE SCALEUP, 100 TAGS (USEABLE ONLY ON STATIONS OF 100-1400 TAGS)
	3	AW7005ATUP100	_+ AUDIT TRAIL SCALEUP, 100 TAGS (USEABLE ONLY ON STATIONS OF 100-1400 TAGS)
4 台 DCS 双屏操作站新增			
双屏操作员站新增	4	BO-Computer	T5820 , W2123; 2*8GB; T1000 4G,2*1TB SATA(RAID 1),9440-8i Raid Card, BCOM 5720(DP),Win10 IOT 2016, 3 years warranty
	8	SE2822	22-inch LED Widescreen Monitor - Dell Monitor P2225H; 16:9 Aspect Ratio; 1920x1080 at 100Hz Resolution; VGA/USB/HDMI/DP; 3 yr warranty; 1 HDMI, 1 DP and 1 USB cable included
	4	BO-LCD-ST/2	Dual Monitor Desk Stand(Vertical)
	4	VE2104	Operator Station, Full Span of Control
	3	BO-Desk-18	Desk 1800*1000*740, 双工位操作台, 木质台面, 其他碳钢, 烤漆
系统网络			
DCS 硬件	2	VE6073R1P4	DeltaV Smart Switch; 19-inch Rack mount modular model with 6x10/100BASE-TX RJ45 ports, 4x100/1000 Combo Ports, 2 Module Slots; Single PSU ; AU Power Cord (RM200-Base Module)
	4	VE6074M02	DeltaV Smart Switch Module with 8 x 100BASE-FX Multimode SC transceiver ports (RM200-EM-8MM-FX)

6000	BO-FO-Cable/6M	FO Cable 6 core MM , 1 m	
5	BO-FO-Panel/24	Fiber Optical Panel 24 ports 1U,Multimode	
1	BO-Cable-DV	DeltaV network cable, 300m	
机柜室 DeltaV Hardware			
1	BO-P-Cabinet-0808	Power Cabinet for installation of the Power distribution Components(2100Hx800Wx800D)	
2	BO-Surge-P	220V 电源浪涌保护器	
2	VE5128	DeltaV Bulk Power Supply 100-240 VAC to 24 VDC, 40A. SDN 40-24-100C	
2	VE5135	DeltaV Bulk Power Supply Redundancy Module,12-28V, 40A.SDN 2X20RED	
2	VE3007	MX Controller	
2	VE3051C0	2-Wide Power/Controller Carrier	
2	VE5109	DC to DC System Power Supply	
1	VE31REDP	DeltaV Controller Redundancy	
1	VE4050S2K1C0	8-Wide I/O Interface Carrier with Carrier Shield Bar	
6	VE6101	Carrier Blank Cap	
2	VE4006P2	Serial Interface with 2-Ports and Termination Block	
2	VE5126	DeltaV Bulk Power Supply 100-240 VAC to 24 VDC, 20A	
2	VE5135	DeltaV Bulk Power Supply Redundancy Module,12-28V, 40A.SDN 2X20RED	
现场装置- CHARM I/O Hardware			
Charm 智能接线箱硬件	12	SE6505T02	Redundant CIOC2 Assembly with Fiber Optic Ethernet (includes redundant pair of CHARM I/O Card 2, CHARM I/O Carrier with Screw Terminals, Fiber Optic I/O Ports, a Baseplate Identifier and a Baseplate Separation Wall)
	96	SE4601T07	CHARM Baseplate Assembly with Standard CHARM Terminal Blocks (Includes a CHARM Baseplate, a CHARM Address Terminal Block with Screw Terminals, 12 CHARM Standard Terminal Blocks, and a Baseplate Identifier)
	12	SE4602	Package of Address Plugs 1 through 8 for CHARM Baseplates
	12	SE4606T02	Channel Identifier Labels for CHARM Baseplates; Package of 8
	12	SE4604T04	CHARM Baseplate Terminator, Bottom; includes a Baseplate Identifier and a Baseplate Separation Wall
	12	SE4603T05	CHARM Baseplate Extender with Cable Connectors, Top; includes a Baseplate Identifier and a Baseplate Separation Wall
	12	SE4603T06	CHARM Baseplate Extender with Cable Connectors, Bottom; includes a Baseplate Identifier and a Baseplate Separation Wall
	12	SE4605T04	CHARMs Baseplate Cables; Set of Two; 88 in (2.2 m)
	5	VE4054DRS	DIN-rail Stop for Vertical-Mount Carriers and CHARM Baseplates; Box of 5
	45	SE4303T01	Analog Input CHARM; 4-20 mA; HART

5		
13 5	SE4304T01	Analog Output CHARM; 4-20 mA; HART
35 0	SE4301T02	Discrete Input CHARM; 24 Vdc Dry Contact; Low-side Sense
11 0	SE4302T01	Discrete Output CHARM; 24 Vdc; High-Side
17 0	SE4302T02	Discrete Output CHARM; 24 Vdc; Isolated
17 0	SE4502	Fused Injected Power CHARM Terminal Block
2	SE6505T02	Redundant CIOC2 Assembly with Fiber Optic Ethernet (includes redundant pair of CHARM I/O Card 2, CHARM I/O Carrier with Screw Terminals, Fiber Optic I/O Ports, a Baseplate Identifier and a Baseplate Separation Wall)
8	SE4601T07	CHARM Baseplate Assembly with Standard CHARM Terminal Blocks (Includes a CHARM Baseplate, a CHARM Address Terminal Block with Screw Terminals, 12 CHARM Standard Terminal Blocks, and a Baseplate Identifier)
2	SE4613	CHARMs Addressing Plugs, includes Address Plugs 1 through 4
2	SE4606T02	Channel Identifier Labels for CHARM Baseplates; Package of 8
2	SE4604T04	CHARM Baseplate Terminator, Bottom; includes a Baseplate Identifier and a Baseplate Separation Wall
2	SE4603T05	CHARM Baseplate Extender with Cable Connectors, Top; includes a Baseplate Identifier and a Baseplate Separation Wall
2	SE4603T06	CHARM Baseplate Extender with Cable Connectors, Bottom; includes a Baseplate Identifier and a Baseplate Separation Wall
2	SE4605T04	CHARMs Baseplate Cables; Set of Two; 88 in (2.2 m)
1	VE4054DRS	DIN-rail Stop for Vertical-Mount Carriers and CHARM Baseplates; Box of 5
		96 CHARM 现场机柜和电源
12	JB-96DC-AC-HA	SJB Field Enclosure for 96 CHARM I/O; SS304, Hazardous Area.
24	BO-Fan	防爆风扇
24	VE5127	DeltaV Bulk Power Supply 100-240 VAC to 24 VDC, 20A, conformal coating. SDN 20-24-100CX
24	VE5131	DeltaV Bulk Power Supply Redundancy Module, 12-28V, 20A, conformal coating. SDN 2X10REDX
		48 CHARM 现场机柜和电源
2	JB-48DC-AC-HA	SJB Field Enclosure for 48 CHARM I/O; SS304, Hazardous Area. Gland Nickel Plated Brass
4	BO-Fan	防爆风扇
4	VE5127	DeltaV Bulk Power Supply 100-240 VAC to 24 VDC, 20A,

			conformal coating. SDN 20-24-100CX
	4	VE5131	DeltaV Bulk Power Supply Redundancy Module,12-28V, 20A, conformal coating. SDN 2X10REDX
一期备件 & 小二期 开车备件新增	一期备件 & 小二期开车备件新增		
	20	SE4301T02	Discrete Input CHARM; 24 Vdc Dry Contact; Low-side Sense
	10	SE4302T01	Discrete Output CHARM; 24 Vdc; High-Side
	10	SE4302T02	Discrete Output CHARM; 24 Vdc; Isolated
可选项	可选项		
	1	一期 SJB 改造	一期 13 个 SJB 防爆风扇改造
单元	数量	型号	描述
福建悦淳新材料科技有限公司年产 6000 吨有机胺中间体及特种助剂小二期项目 CHARM SIS			
		CCR 中控室	
SIS 主工程师站扩 容	SIS ENG/监控 Station		
	3	VE21UPS035	ProfessionalPLUS Station 25 DST Scaleup
	2	VE21UPS036	ProfessionalPLUS Station 100 DST Scaleup
	3	VE31UPS081	Analog Monitor Input Scaleup 25 DST
	2	VE31UPS082	Analog Monitor Input Scaleup 100 DST
SIS 操作员站	SIS 双屏操作站新增		
	1	BO-Computer	T5820 , W2123; 2*8GB; T1000 4G,2*1TB SATA(RAID 1),9440-8i Raid Card, BCOM 5720(DP),Win10 IOT 2016, 3 years warranty
	2	SE2822	22-inch LED Widescreen Monitor - Dell Monitor P2225H; 16:9 Aspect Ratio; 1920x1080 at 100Hz Resolution; VGA/USB/HDMI/DP; 3 yr warranty; 1 HDMI, 1 DP and 1 USB cable included
	1	BO-LCD-ST/2	Dual Monitor Desk Stand(Vertical)
	1	VE2104	Operator Station, Full Span of Control
		机柜室 DeltaV Hardware	
DeltaV CHARM SIS System	CHARM SIS Hardware		
	4	SS6501T01	Redundant CSLS Assembly - Copper, (Includes CSLS Carrier, 2 CHARMS Smart Logic Solvers, 2 Power Modules, 2 single Safety Network Ports for twisted copper, 2 Power Plugs)
	32	SS4601T07	CSLS Baseplate Assembly with Standard Term Blocks, includes Baseplate, Address Terminal Block with screw terminals, 12 Standard Terminal blocks, and Baseplate Identifier
	6	SS6103	Protection Cover for CHARMS (pack of 12)
	32	SS4303T01	LS AI 4-20 mA HART CHARM
	145	SS4301T02	LS DI 24 VDC low-side sense CHARM
	143	SS4302T01	LS DO 24 VDC DTA CHARM
	4	SS4604T04	CSLS Baseplate Terminator, Bottom (Female), includes a Baseplate Identifier and a Baseplate Separation Wall
	4	SS4606T02	CSLS Baseplate Channel Identifier Labels, Package of 8

4	SS4602	Addressing Plugs, includes Address Plugs 1 through 8
1	VE4054DRS	DIN-rail Stop for Vertical-Mount Carriers and CHARM Baseplates; Box of 5
		机柜
2	BO-S-Cabinet-0808	System & Marshalling Cabinet for installation of the system Components, 2100Hx800Wx800D mm, front door and rear door
2	VE5126	DeltaV Bulk Power Supply 100-240 VAC to 24 VDC, 20A
2	VE5135	DeltaV Bulk Power Supply Redundancy Module,12-28V, 40A.SDN 2X20RED
2	VE5126	DeltaV Bulk Power Supply 100-240 VAC to 24 VDC, 20A
2	VE5135	DeltaV Bulk Power Supply Redundancy Module,12-28V, 40A.SDN 2X20RED
		安全继电器
143	VS6907	SIS Relay
		SIS 交换机
2	SS6073R2P4	DeltaV Safety Switch; 19-inch Rack mount modular model with 6x10/100BASE-TX RJ45 ports, 4x100/1000 Combo Ports, 2 Module Slots; Redundant PSU ; AU Power Cord (SRM200-Base Module-RP)