|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1.0 联系信息 *Contact Information*** | | | 日期/*Date* | |
| 1.1 | 终端用户 – 公司名称和地址 *End user – Company Name & Address* |  | | |
| 1.1.1 | 安装地点联系人 – 姓名 *Contact at Installation - Name* |  | 职位  *Title* |  |
| 1.1.2 | 电话号码 *Telephone Number* |  | 电子邮件  *Email* |  |
| 1.2 | 买主姓名 *Buyer Name* |  | 电子邮件  *Email* |  |
| 1.3 | 表单填写人 *Form Completed By* |  | 电子邮件  *Email* |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2.0 应用信息。\*\*请填写所有各个字段。若无法提供信息，请注明“未知”。\*\* *Application Information. \*\*PLEASE FILL IN ALL FIELDS. IF INFORMATION IS NOT AVAILABLE PLEASE INDICATE “UNKNOWN”\*\**** | | | | | | | | | | | | | | |
| **若索取预算报价，至少必须填写带阴影的字段。  *Shaded fields are the minimum requirements for a Budgetary Quotation.*** | | | | | | | | | | | | | | |
| 2.1 | 应用说明 *Application Description* |  | | | | | | | | | | | | |
| 2.1.1 | 泄漏检测  *Leak Detection* | 否/*No* 是/*Yes* | | | | | | | | | | | | |
| 2.2 | 流体类型 *Fluid Type* | 泥浆/*Slurry*  水/*Water*  其他液体 / 说明/*Other Liquid / Describe* | | | | | | | | | | | | |
| 2.3 | 流体特性 *Fluid Properties* | 温度/*Temperature* | °F °C | | | | 最低/*Min* | | | 标称/*Nom* | | | | 最高/*Max* |
|  |  | 压力/*Pressure* | psig kPa 其他/*Other* | | | | 最低/*Min* | | | 标称/*Nom* | | | | 最高/*Max* |
|  |  | 密度/*Density* | kg/m3 其他/*Other* | | | | 最低/*Min* | | | 标称/*Nom* | | | | 最高/*Max* |
|  |  | 黏度/*Viscosity* | Pa•scP 其他/*Other* | | | | 最低/*Min* | | | 标称/*Nom* | | | | 最高/*Max* |
|  |  | 腐蚀性流体/*Corrosive Fluid* 磨蚀性流体/*Abrasive Fluid* 结垢/*Scale Buildup*  其他/*Other*       牛顿流体/*Newtonian*  非牛顿流体/*Non-Newtonian* 糊状物/*Paste*   未知 / 详细说明/*Unknown / Details* | | | | | | | | | | | | |
|  |  | 固体类型/*Solids Type* | | | 重量 % (w/w)/ *Weight % (w/w)* | | | 固体比重/ *Solids SpGrav* | | | | 屈服应力/ *Yield Stress* | | |
|  |  | 固体大小分布/*Solids Size Distribution* | | | | | | | | | | | | |
| 2.4 | 管道信息 *Pipe Information* | 管道材料/ *Pipe Material* | | 钢/*Steel*  SST HDPE PVC 玻璃纤维/*Fiberglass*   韧性铁/*Ductile Iron* 其他/*Other* | | | | | | | | | | |
|  |  | 管道标准/ *Pipe Standard* | | ANSI 管道/*Tube*  其他/*Other* | | | | | | | | | | |
|  |  | 管道尺寸/*Pipe Size* | | 英寸/*inch*  毫米/*mm*  标称直径/*Nominal Diameter* | | | | | | | 等级/*Schedule* | | | |
|  |  | 测量外径/ *Measured Outer Diameter* | | | | 测量周长/ *Measured Circumference* | | | | | | 管壁厚度/ *Wall Thickness* | | |
|  |  | 管道内衬/*Pipe Liner* | | 否/*No* 是/*Yes*  内衬厚度/*Liner Thickness* | | | | | 材料/*Material* | | | | | |
|  |  | 管道轴向焊缝/*Pipe Axial Weld* 否/ *No* 是/*Yes* 数量/*Quantity*         管道螺旋焊缝/*Pipe Spiral Weld* 否/*No* 是/*Yes* | | | | | | | | | | | | |
|  |  | 焊接说明/*Describe Weld* | | | | | | | | | | | | |
|  |  | 关于 HDPE 管道/*For HDPE Pipe*  PE 3608/3408 IPS 标准/*PE 3608/3408 IPS Standard* ISO 4427 标准/*ISO 4427 Standard* 其他/*Other* | | | | | | | | | | | | |
|  |  | 英寸/*inch*  毫米/*mm*  标称直径*/Nominal Diameter*        HDPE DR 或 PN/*HDPE DR or PN* | | | | | | | | | | | | |
|  |  | 管道状况/*Pipe Condition* 油漆/*Painted*  绝缘/*Insulated*  生锈/*Rusted*  涂层/*Coated*   状况良好/*Good Condition* 未知/*Unknown* | | | | | | | | | | | | |
|  |  | 管道定向/*Pipe Orientation* 水平/*Horizontal*  垂直/*Vertical*  弯角 (度数)/*Angled (degrees*      )  其他/*Other* | | | | | | | | | | | | |
|  |  | 管道结垢/*Pipe Scale* 否/*No* 是/速率/*Yes / Rate*       未知/*Unknown* | | | | | | | | | | | | |
| 2.5 | 流速和测量单位 *Flow Rate & Units of Measure* | m3/hr gpm 其他/*Other* | | | | 最低/*Min* | | | 标称/*Nom* | | | | 最高/*Max* | |
|  |  | 流动状况/*Flow Condition* 连续流动/*Continuous Flow*  间歇式流动 (通常持续时间)/*Batch Flow (typical duration*      ) | | | | | | | | | | | | |
|  |  | 流动方向/*Flow Direction* 水平/*Horizontal*  向上流动/*Up-Flow* 向下流动/*Down-Flow*  弯角向上流动/*Angled Up-Flow*  未知/*Unknown* | | | | | | | | | | | | |
|  |  | 全管道/*Full Pipe* 否/*No* 是/*Yes* 未知/*Unknown* | | | | | | 管道沙床/*Pipe Sandbed* 否/*No* 是/*Yes*  未知/*Unknown* | | | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| 2.6 | 用什么驱动液流？ *What is Driving Flow?* | 重力/*Gravity*  离心泵/*Centrifugal Pump* PD 泵 (类型)/*PD pump (type*       ) 其他/*Other* | |
| 2.7 | 流量计上游 / 下游 20 个管道直径距离内的流体扰动 *Flow Disturbance(s) Within 20 Pipe Diameters Upstream / Downstream of Flowmeter* | 泵/*Pump*  弯头/*Elbow*  阀门/*Valve*  扩张/*Expansion*  缩减/*Reduction*  T形/Y形管 /*Tee/Y*  其他/*Other* | |
|  |  | 请提供详细说明及上游 / 下游障碍物距离 *Provide Details & Upstream / Downstream Distances from Obstructions* | |
| 2.8 | 安装地点 *Installation Location* | 室内/*Indoors*  室外/*Outdoors*   受限空间/*Confined Space* | 环境温度/*Ambient Temperature* °F °C  最低/*Min*        最高/*Max* |
|  |  | 进入通道在/*Access from* 地面/*Ground*  平台 / 详细说明/*Platform / Details* | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | |
| **3.0 仪表配置和报价信息 *Meter Configuration & Quote Information*** | | | | | | | |
| 3.1 | 区域地点类别 *Area Location Classification* | 无害/*Non-hazardous* 第1类第2分类/*Class 1 Div 2*  第1类第2区 (ATEX)/*Class 1 Zone 2 (ATEX)* | | | | | |
| 3.2 | 电源 *Power Supply* | AC (90V-240V) DC (18V-36V) 其他/*Other* | | | | | |
| 3.3 | 输出要求 *Outputs Required* | 4/20mA Modbus Profibus Foundation Fieldbus 其他/*Other* | | | | | |
| 3.3.1 | 若是 Foundation Fieldbus 或 Profibus， 请说明 DCS 品牌和版本 *If FF or Profibus, DCS Brand & Version* | PA DP | | | | | |
| 3.4 | 要求的测量值 (每个仪表提供 2 个) *Measurements Required (2 per meter)* | 流量/*Flow*要么/or 流速/*Velocity*  夹带空气/*Entrained Air* | | | | | |
| 3.5 | 变送器安装 *Transmitter Mount* | 面板安装/*Panel Mount*  管道安装/*Pipe Mount* | | | | | |
| 3.6 | 电缆长度，以 25 英尺 (7.6 米) 为增量，最长 500 英尺 (152 米) [375 英尺  (114 米) ATEX] *Cable Length 25ft (7.6m) Increments.  Up to 500ft (152m) [375 ft (114m) ATEX]* | 25’ (7.6m) 50’ (15m) 75’ (23m) 100’ (30m) 150’ (46m) 300’ (91m)  350’ (107m) 500’ (152m) 其他/*Other* | | | | | |
| 3.6.1 | 是否需要铠装电缆？ *Is Armored Cable Required?* | 是/*Yes* 否/*No* 未知/*Unknown* | | | | | |
| 3.7 | 这是预算报价吗？ *Is this a Budgetary Quote?* | 是/*Yes* 否/*No* 未知/*Unknown* | | | | | |
| 3.8 | 要求提供安装报价 *Installation Quote Required* | 单独 – CiDRA 安装/*Separate – CiDRA Installation*  单独 – 服务代理/*Separate – Representative*  包括在仪表价格中/*Incl. in Meter Price* 单独列出管道部件/*Separate Line Item*  无安装报价/*No Installation Quote* | | | | | |
| 3.9 | 需要报价的最迟日期： *Quote Need By Date:* |  | 需要安装的最迟日期 *Installation Need By Date* | |  | | |
| 3.10 | 仪表标牌号 *Instrument Tag Number* |  | P&ID 号 *P&ID#* |  | | 管路号 *Line#* |  |
| 3.11 | 其他信息 *Other Information* |  | | | | | |
| 3.12 | 如可能，请提供安装地点、管道仪表流程图和布局图等图片。 *Supply pictures of installation location, P&ID, diagrams of layout, etc. if possible.* | | | | | | |