### 何香凝美术馆中央空调末端设备更换维修需求书

**一、投标人资格**

参加本项目投标的投标人除应具备《政府采购法》第二十二条供应商资格条件外，还必须符合下列要求：

1. 投标人必须是具有中央空调维修或中央空调设备、配件销售。
2. 在当应有常驻维修服务人员，可随时到场维修。

3、投标人参与本项目投标前三年内，在经营活动中没有重大违法记录（由供应商在《投标人具备投标资格的证明文件》中作出声明）。

4、本项目不接受联合体投标，不允许分包。

**二、项目概况**

1、更换预算：

|  |  |  |
| --- | --- | --- |
| **预算金额** | **服务期限** | **备注** |
| 人民币10万元 | 签订合同30日内 |  |

2、用户：何香凝美术馆

3、投标人应对所有的招标内容进行投标，不允许只对部分内容进行投标。

4、报价要求：以人民币报价。总价内必须包含相关的费用（指上述服务期限）有：劳务费、制作费以及国家规定的各项税费。

**三、招标范围及要求**

**（一）项目概述**

何香凝美术馆二楼大堂中央空调末端更换

二楼大堂原未更换旧的风机盘管共有24台，一楼报告厅共有10台。在（1996年－2020年）已运行24年，二楼全部风机盘管都存在出风不良，运行时风机盘管电机轴与轴套磨损严重，整台风机盘管震动及发出噪音，风机盘管翼片腐蚀脏堵，托水盘生锈腐烂漏水，调节电动二通阀大部都调节不到位或已烧毁。有些风机盘管因电机在运行中卡死造成电机烧毁。有部份冷冻水阀门已爆裂漏水，所有风机盘管温度调节控制器都老旧，温度调节控制偏差严重。需对二楼24台风机盘管及排水管进行更换。一楼报告厅10台风机盘管因有需求时才开机运行，运行时间较短，经对风机盘管各个方面检测评估后，将进行维修处理不用整台更换。

**（二）技术条款要求**

**1、项目服务内容**

1）风机盘管拆装更换。

2）电动二通阀、温控器、阀门、金属玻纹管更换。

3）排水管更换。

4）天花拆装及地板防护。

5）天花开设检修口。

6）控制线路重新安装。

7）10台风机盘管蒸发器翅片、风轮清洗。

1. **项目服务要求**

1）具体技术需求：

①报价要求（明确分项报价要求）

②随货物必须配备的技术文件清单

③货物的主要的功能要求、质量标准、材质等主要功能要求：

2）质量标准：

《通风与空调工程施工质量验收规范》GB50243-2002

1. **设备、材料清单**

**投标人应按以下清单逐项报单价.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **风机盘管更换维修报价表** | | | | | | | | |  | | | | | | | | | **序号** | **项目材料名称** | **产品规格** | **单位** | **数量** | **单价** | **合计** | **备注** | | 一、设备材料部分 | | | | | | | | | 1 | 风机盘管 | 42T004303AL | 台 | 2 |  |  | 开利三排管 | | 2 | 风机盘管 | 42T006303AL | 台 | 18 |  |  | 开利三排管 | | 3 | 风机盘管 | 42T008303AL | 台 | 4 |  |  | 开利三排管 | | 4 | 铜闸阀 | DN20 | 个 | 68 |  |  | 埃美柯 | | 5 | 电动二通阀 |  | 个 | 34 |  |  | 江森 | | 6 | 温度控制器 |  | 个 | 34 |  |  | 江森 | | 7 | 金属波纹管 |  | 条 | 68 |  |  |  | | 8 | 控制线 | 1.5mm | 卷 | 12 |  |  | 金龙羽 | | 9 | 吊杆 |  | 条 | 96 |  |  |  | | 10 | 保温管 | ﹩28 | 米 | 50 |  |  | 3cm | | 11 | 回风箱带过滤网 |  | 个 | 7 |  |  |  | | 12 | 排水管及保温 | DN50 | 米 | 40 |  |  | 联塑 | | 13 | 排水管及保温 | DN40 | 米 | 30 |  |  | 联塑 | | 14 | 排水管及保温 | DN25 | 米 | 35 |  |  | 联塑 | | 15 | 小计 |  |  |  |  |  |  | | 二、拆装辅材部分 | | | | | | |  | | 1 | 风机盘管拆装 |  | 台 | 24 |  |  |  | | 2 | 铜闸阀拆装 |  | 个 | 68 |  |  |  | | 3 | 电动二通阀拆装 |  | 个 | 34 |  |  |  | | 4 | 温度控制器拆装 |  | 个 | 34 |  |  |  | | 5 | 金属波纹管拆装 |  | 条 | 68 |  |  |  | | 7 | 控制线拆装 |  | 台 | 34 |  |  |  | | 8 | 保温管拆装 |  | 米 | 50 |  |  |  | | 9 | 排水管拆装 |  | 米 | 105 |  |  |  | | 10 | 回风箱安装 |  | 个 | 7 |  |  |  | | 11 | 天花板拆装修复 |  | 块 | 24 |  |  |  | | 12 | 木格栅天花检修口 | 500\*500 | 个 | 10 |  |  |  | | 13 | 地板防护 |  | 项 | 1 |  |  |  | | 14 | 辅材 |  | 批 | 1 |  |  |  | | 15 | 报告厅风机盘管清洗 |  | 台 | 10 |  |  |  | |

**四、商务要求**

**（一）服务地点与时间**

1、服务地点：何香凝美术馆

2、服务期限：合同签订后30日内

**（二）付款条件**

货款分三期期支付：（1）第一期：招标人在与投标人签订合同后支付合同总金额的50%。

1. 第二期：在投标人完成设备更换后招标人支付剩余50%尾款。

**（三）项目负责人验收**

1、投标人货物经过双方检验认可后，签署验收报告，产品保修期自验收合格之日起算，由投标人提供产品保修文件。

2、当满足以下条件时，采购人才向中标人签发设备验收报告：

A.中标人已按照合同规定提供了全部产品及完整的技术资料。

B.设备符合招标文件技术规格书的要求，性能满足要求。

C.设备具备产品合格证。

**（四）服务保障及相应的时间要求**

供方应在合同生效后30天内向用户提供详细的安装准备条件及安装计划。设备安装、调试过程中发生的费用由供方承担；设备到达用户所在地后，在接到用户通知后15个工作日内开始执行安装、调试。

**（五）服务时间**

项目实施期间需提供每日至少3小时的驻场服务。

**（六）****售后服务**

1、设备免费保修期 1 年，时间自最终验收合格并交付使用之日起计算。在保修期内出现故障，工作日供方须在2小时内电话响应，4小时工程师到达现场进行维修，保修期内产生的一切费用均由供方承担。

2、投标人应按其投标文件中的承诺，进行其他售后服务工作（售后服务内容、要求和质保期限，对发生问题的处理意见，维护保养、技术培训服务等要求）。

3、国内需设有常用备品备件库，以确保常用备件的及时供应。

本需求书由何香凝美术馆办公室制定并解释，自印发之日起施行。