**2023年第五批户内收集系统及分散式设施**

**设备材料采购询价文件**

**：**

请按以下要求提供报价及说明。

1. 询价范围：本项目建设2023年度兴发村、肖桥村、掘西村、宾东村、虹桥村5个行政村，丰西乡、凌河乡、石屏乡、岔北乡4个老集镇共计1600户农村生活污水处理设施，包括无动力分散式处理设施、有动力分散式处理设施、集中式处理设施，含运费、税费等全部费用。详见报价清单。

2、工期要求：2024年12月31日前。

3、付款方式：预付款20%，季度付款至85%，工程竣工验收后付款至97%，其中预付款在第一次付款时全部扣除。

4、项目地址：江苏省如东县。

5、技术要求：

**（1）UPVC排水管、存水弯、清扫口**

管材执行标准《无压埋地排污、排水用硬聚氯乙烯（PVC-U）》（GB/T 20221-2006），环刚度选用≥SN4，采用粘胶剂粘接连接管材，胶粘剂应符合QB/T 2568-2002的要求。

管材程度一般为4m、6m，长度不允许有负偏差。

管材内外壁应光滑，不允许有气泡、裂纹、凹陷及分解变色线，管材端部应切割平整并应与轴线垂直。

管材及配件还应满足《埋地塑料排水管道工程技术规程》（CJJ143-2010）使用要求。

**（2）接户井、预沉井、采样井、沉渣隔油井、配水井**

接户井、预沉井、采样井、沉渣隔油井、配水井等HDPE材质井类管材符合国家现行标准《埋地用聚乙烯(PE)结构壁管道系统第2 部分:聚乙烯缠绕结构壁管材》GB/T19472.2 及《市政排水用塑料检查井》CJ/T326 的有关规定，做法应参照《建筑小区排水用塑料检查井》（CJ/T233-2016）、《塑料排水检查井应用技术规程》（CJJ-T209-2013）执行。

**（3）化粪池**

化粪池应满足《玻璃钢化粪池技术要求》（CJ/T 409-2012）的要求，初始环刚度大于5000N/m2。

成品化粪池主要技术参数如下：

1）本项目化粪池均按照每户一座化粪池设计，单户选用有效容积1.5m3、三格式化粪池，若现场情况限制，需要多户合建时，选用2.0m3及以上规格。

2）化粪池玻璃钢为SMC模压成型时壁厚不小于8mm，缠绕成型时壁厚不小于6mm。螺栓（如有）采用304不锈钢材质。

3）化粪池主体应满足使用年限不小于30年、安全等级不低于二级的要求。

4）外观池体外表面应光滑、无裂纹、色泽应均匀、不应有孔洞或明显划痕。

5）池内表面应光滑平整，不应有玻璃纤维裸露，无目测可见裂纹、划痕、疵点及白化分层等缺陷。边缘应整齐。壁厚均匀，无分层现象。

6）化粪池构造应包含通气管、清掏孔、进水管接口、出水管接口。进出水口高差不应小于100mm。清掏孔直径至少有1个不小于400mm，高度不应小于100mm，边缘应整齐，厚度应均匀。无分层，加工断面应加封树脂。

7）化粪池抗冲击试验应满足20°±2°条件下，2kg重量的钢球，2m高自由落下，冲击点应无破损或损坏。

实施还应参照标准《农村三格式户厕建设技术规范》（GBT 38836-2020）、《整体式玻璃钢化粪池选用及安装》（苏S12-2016）执行。

**2、其他**

1）除满足本协议以上技术要求外，还需满足国家、省、市等法律法规以及相关标准规范、本项目施工图设计文件的其他要求。

2）质量要求：工程所有物资（设备、构配件等）采购质量需符合有关标准规范要求，合格率达到100%。品牌须经需方和业主同意。

6、报价清单

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 序号 | 项目名称 | 项目特征描述 | 单位 | 暂估工程量 | 综合单价（含税） | 综合合价（含税） | 备注 | | 1 | 化粪池 | 1.5m3 | 个 | 846 |  |  |  | | 2 | 三仓厌氧 | 1.5m3 | 个 | 10 |  |  |  | | 3 | 隔油池 | 300×300（集中） | 个 | 1400 |  |  |  | | 4 | 隔油池 | 560×460×510（散户） | 个 | 10 |  |  |  | | 5 | 配水井 | Ф315-100 | 个 | 10 |  |  |  | | 6 | 预沉井 | Ф315-100 | 个 | 10 |  |  |  | | 7 | 井座 | 直通井 200-150 | 个 | 10 |  |  |  | | 8 | 直角井 200-150 | 个 | 10 |  |  |  | | 9 | 三通井 200-150 | 个 | 800 |  |  |  | | 10 | 直通井 200-100 | 个 | 124 |  |  |  | | 11 | 直角井 200-100 | 个 | 190 |  |  |  | | 12 | 三通井 200-100 | 个 | 1400 |  |  |  | | 13 | 井筒 | 缠绕壁管 450（4级） | 米 | 1382 |  |  |  | | 14 | 缠绕壁管 315（4级） | 米 | 312 |  |  |  | | 15 | 缠绕壁管 200（4级） | 米 | 1046 |  |  |  | | 16 | 井盖 | 井盖 450 | 个 | 1712 |  |  |  | | 17 | 井盖 315 | 个 | 620 |  |  |  | | 18 | 井盖 200 | 个 | 2514 |  |  |  | | 19 | 井筒胶圈 | Ф450 | 个 | 10 |  |  |  | | 20 | Ф315 | 个 | 50 |  |  |  | | 21 | Ф200 | 个 | 10 |  |  |  | | 22 | 支管胶圈 | Ф75 | 个 | 10 |  |  |  | | 23 | Ф110 | 个 | 5240 |  |  |  | | 24 | Ф160 | 个 | 2400 |  |  |  | | 25 | 补芯 | DN100-DN75（含胶圈） | 个 | 10 |  |  |  | | 26 | DN150-DN100（含胶圈） | 个 | 10 |  |  |  | | 27 | UPVC  DN100 | 排水管 | 米 | 33720 |  |  |  | | 28 | 直接 | 个 | 5620 |  |  |  | | 29 | 90°弯头 | 个 | 5635 |  |  |  | | 30 | 45°弯头 | 个 | 2810 |  |  |  | | 31 | 正三通 | 个 | 1302 |  |  |  | | 32 | 堵头 | 个 | 10 |  |  |  | | 33 | UPVC  DN75 | 排水管 | 米 | 22820 |  |  |  | | 34 | 直接 | 个 | 4275 |  |  |  | | 35 | 90°弯头 | 个 | 4280 |  |  |  | | 36 | 45°弯头 | 个 | 2825 |  |  |  | | 37 | 正三通 | 个 | 20 |  |  |  | | 38 | 堵头 | 个 | 30 |  |  |  | | 39 | 透气帽 | 个 | 1430 |  |  |  | | 40 | UPVC DN75正四通 | 个 | 10 |  |  |  | | 41 | UPVC  DN50 | 排水管 | 米 | 200 |  |  |  | | 42 | 直接 | 个 | 100 |  |  |  | | 43 | 90°弯头 | 个 | 100 |  |  |  | | 44 | 45°弯头 | 个 | 100 |  |  |  | | 45 | 正三通 | 个 | 10 |  |  |  | | 46 | UPVC  DN160 | 排水管 | 米 | 30800 |  |  |  | | 47 | 直接 | 个 | 5600 |  |  |  | | 48 | 90°弯头 | 个 | 4200 |  |  |  | | 49 | 45°弯头 | 个 | 1400 |  |  |  | | 50 | 正三通 | 个 | 1400 |  |  |  | | 51 | 马鞍接头 | DN315-160 | 个 | 200 |  |  |  | | 52 | DN450-160 | 个 | 100 |  |  |  | | 53 | 大小头 | DN150-DN100 | 个 | 2800 |  |  |  | | 54 | DN100-DN75 | 个 | 5050 |  |  |  | | 55 | DN75-DN50 | 个 | 1410 |  |  |  | | 56 | 立体三通 | DN100 | 个 | 100 |  |  |  | | 57 | DN75 | 个 | 1405 |  |  |  | | 58 | 清扫口 | DN100 | 个 | 10 |  |  |  | | 59 | DN75 | 个 | 1410 |  |  |  | | 60 | 异径三通 | DN100-DN75 | 个 | 567 |  |  |  | | 61 | p型存水弯 | DN50 | 个 | 141 |  |  |  | | 62 | DN75 | 个 | 665 |  |  |  | | 63 | DN110 | 个 | 10 |  |  |  | | 64 | 格栅直通井 | DN315-110 | 个 | 600 |  |  |  | | **合计** | | | | | |  |  | |

注：1、以上设备材料数量为暂估量，具体供货数量以实际供货量为准。

2、本报价为含税价，税率13%。报价包含：货物金额、包装费、运输费、运输保险费、装车费，卸货及安装由现场施工劳务负责。

询价人：中机国际工程设计研究院有限责任公司

2023年11月21日