**表 8‑4 风机基础工程量表**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **序号** | **项目** | **单位** | **单台** | **20台** | **备注** |
| 1 | 土方开挖 | m3 | 12572.89 | 251457.8 |  |
| 2 | 石方开挖 | m3 | 3143.22 | 62864.4 |  |
| 3 | 土石方回填 | m3 | 15064.66 | 301293.2 |  |
| 3 | C40混凝土 | m3 | 600.97 | 12019.4 |  |
| 4 | C15混凝土 | m3 | 50.48 | 1009.6 |  |
| 5 | 钢筋 | m3 | 60.1 | 1202.0 |  |
| 6 | 基础防水 | 项 | 1 | 20.0 |  |
| 7 | 沉降观测 | 处 | 4 | 80.0 |  |

**表8‑5 箱变基础工程量表**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **序号** | **项目** | **单位** | **单台** | **20台** | **备注** |
| 1 | 土方开挖 | m3 | 492.8 | 9856.0 |  |
| 2 | 石方开挖 | m3 | 123.2 | 2464.0 |  |
| 2 | 土石方回填 | m3 | 572.8 | 11456.0 |  |
| 3 | C35混凝土 | m3 | 2.5 | 50.0 |  |
| 4 | C15混凝土 | m3 | 5.78 | 115.6 |  |
| 5 | MU10砖 | m3 | 6.5 | 130.0 |  |
| 6 | 钢筋 | t | 0.25 | 5.0 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **序号** | **项目** | **单位** | **工程量** | **备注** |
| 1 | 变电站围墙内面积 | m2 | 10186.41 |  |
| 2 | 含放坡面积 | m2 | 12305.51 |  |
| 3 | 围墙长度 | m2 | 403.82 | 2.5m高 |
| 4 | 土方开挖 | m3 | 295332.31 |  |
| 5 | 石方开挖 | m3 | 73833.08 |  |
| 6 | 土方回填 | m3 | 6152.76 |  |
| 7 | 浆砌石护脚 | m3 | 403.82 |  |
| 8 | 浆砌石排水沟 | m3 | 201.91 | 0.5×0.4 |
| 9 | 道路面积 | m2 | 1993.67 | 4.0m宽 |
| 10 | 绿化面积 | m2 | 1200.0 |  |
| 11 | 综合楼 | m2 | 1316.8 |  |
| 12 | 设备楼 | m2 | 510.0 |  |
| 13 | 附属楼 | m2 | 370.44 |  |
| 14 | 户外主要构筑物工程 |  |  |  |
| 15 | 主变基础C30混凝土 | m3 | 120.0 |  |
| 16 | C15混凝土垫层 | m3 | 20.0 |  |
| 17 | 主变压器基础钢筋 | t | 10.0 |  |
| 18 | 事故油池C30混凝土 | m3 | 60.0 |  |
| 19 | 事故油池C15垫层 | m3 | 10.0 |  |
| 20 | 事故油池钢筋 | t | 2.0 |  |
| 21 | 设备及架构基础C25混凝土 | m3 | 200.0 |  |
| 22 | 室外架构（型钢） | t | 5.0 |  |
| 23 | 预制混凝土杆 | m | 150.0 |  |
| 24 | 避雷针 | t | 2.0 |  |

| **序号** | **项目** | **单位** | **数量/km** | **合计** | **备注** |
| --- | --- | --- | --- | --- | --- |
| **一** | 场外改扩建道路 | km |  | **5KM** |  |
| 1 | 土方开挖 | m3 | 20000.0 | 100000.0 |  |
| 2 | 石方开挖 | m3 | 5000.0 | 25000.0 |  |
| 3 | 土石方回填 | m3 | 1250.0 | 6250.0 |  |
| 4 | 山皮石路面 | m2 | 2500.0 | 12500.0 |  |
| 5 | D1000mm圆管涵 | m | 0.0 | 0.0 |  |
| 6 | 浆砌石排水沟 | m3 | 475.0 | 2375.0 |  |
| 7 | M7.5浆砌片石挡墙 | m3 | 100.0 | 500.0 |  |
| 8 | 草皮护坡 | m2 | 1500.0 | 7500.0 |  |
| 二 | 进站道路 | km |  | **1.5KM** |  |
| 1 | 土方开挖 | m3 | 64000.0 | 96000.0 |  |
| 2 | 石方开挖 | m3 | 16000.0 | 24000.0 |  |
| 3 | 土石方回填 | m3 | 4000.0 | 6000.0 |  |
| 4 | 级配碎石基层 | m2 | 6500.0 | 9750.0 |  |
| 5 | C30混凝土路面 | m2 | 6000.0 | 9000.0 |  |
| 6 | D1000mm圆管涵 | m | 20.0 | 30.0 |  |
| 7 | 浆砌石排水沟 | m3 | 475.0 | 712.5 |  |
| 8 | M7.5浆砌片石挡墙 | m3 | 200.0 | 300.0 |  |
| 9 | 草皮护坡 | m2 | 5000.0 | 7500.0 |  |
| 10 | 标志标牌 | 块 | 2.0 | 3.0 |  |
| 11 | 波形护栏 | m | 160.0 | 240.0 |  |
| 三 | 施工检修道路工程 | km |  | **10KM** |  |
| 1 | 土方开挖 | m3 | 64000.0 | 640000.0 |  |
| 2 | 石方开挖 | m3 | 16000.0 | 160000.0 |  |
| 3 | 土石方回填 | m3 | 4000.0 | 40000.0 |  |
| 4 | 山皮石路面 | m2 | 6000.0 | 60000.0 |  |
| 5 | C30混凝土路面 | m2 | 0.0 | 0.0 |  |
| 6 | D1000mm圆管涵 | m | 20.0 | 200.0 |  |
| 7 | 浆砌石排水沟 | m3 | 475.0 | 4750.0 |  |
| 8 | M7.5浆砌片石挡墙 | m3 | 200.0 | 2000.0 |  |
| 9 | 草皮护坡 | m2 | 5000.0 | 50000.0 |  |
| 10 | 标志标牌 | 块 | 4.0 | 40.0 |  |
| 11 | 波形护栏 | m | 160.0 | 1600.0 |  |
| 12 | 桥梁 | m2 | 0.0 | 0.0 |  |
| 四 | 吊装平台工程 | 台 |  | **15** |  |
| 1 | 一般场地平整 | m2 | 1800.0 | 27000.0 |  |
| 2 | 土方开挖 | m3 | 28800.0 | 432000.0 |  |
| 3 | 石方开挖 | m3 | 7200.0 | 108000.0 |  |
| 4 | 土石方回填 | m3 | 1800.0 | 27000.0 |  |
| 5 | 浆砌石排水沟 | m3 | 19.0 | 285.0 |  |
| 6 | M7.5浆砌片石护坡 | m3 | 0.0 | 0.0 |  |

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| --- | --- | --- | --- | --- |
| **序号** | **项目** | **建筑面积（m2）** | **占地面积（m2）** | **备注** |
| 1 | 材料仓库 | 300 | 1500 | 工棚 |
| 2 | 临时住宅及办公室施工生活区 | 2000 | 3500 | 工棚 |
| 3 | 钢筋加工厂 | 200 | 1200 | 工棚 |
| 4 | 设备存放场 | 150 | 5500 | 工棚 |
| 5 | 施工机械停放场 | 150 | 1400 |  |
| 6 | 合计 | 2800 | 13100 |  |

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| --- | --- | --- | --- | --- |
| **序号** | **项目** | **开挖（m3）** | **回填（m3）** | **弃土（m3）** |
| 1 | 风机基础及箱变 | **326642.24** | **312749.16** | **13893.08** |
| 2 | 升压站工程 | **369165.39** | **6152.76** | **363012.63** |
| 3 | 道路工程 | **1045000.0** | **52250.0** | **992750.0** |
| 4 | 吊装平台 | **540000.0** | **27000.0** | **513000.0** |
| 5 | 集电线路 | **15000** | **10000** | **5000** |
| 6 | 合计 | **2295807.63** | **408151.91** | **1887655.71** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **面积（m2）** | **容量（m3）** | **喷播植草（m2）** | **截水沟（m）** | **排水沟（m）** | **M7.5挡土墙（m3）** |
| 1 | 190000 | 1900000 | 237500.0 | 7125.0 | 3192.0 | 7220.0 |

|  |  |  |  |
| --- | --- | --- | --- |
| 序号 | 项目 | **用地面积（m2）** | 备注 |
| 1 | 风电机组基础 | **330.06** |  |
| 2 | 箱变基础 | **27.0** |  |
| 3 | 变电站 | **12305.51** | 含放坡 |
| 4 | 合计 | **12662.58** | **18.99** |

|  |  |  |  |
| --- | --- | --- | --- |
| 序号 | 项目 | **用地面积（m2）** | 备注 |
| 1 | 施工辅企 | **13100** |  |
| 2 | 风电机组安装平台 | **35642.94** |  |
| 3 | 施工道路 | **112500.0** |  |
| 4 | 弃渣场 | **190000** |  |
| 5 | 进场道路 | **15000.0** |  |
| 6 | 架空线路 | **1500** |  |
| 7 | 电缆沟 | **3000** |  |
| 8 | 合计 | **370742.94** | **556.11亩** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 序号 | 项目 | 单位 | **数量** | 备注 |
| 1 | 风机机组 | 台 | **20.0** |  |
| 2 | 建筑面积 | m2 | **2197.24** |  |
| 3 | 主变压器 | 台 | **2** |  |
| 4 | 架空线路 | 基 | **20** |  |
| 5 | 直埋电缆 | km | **2** |  |
| 6 | 土石方开挖 | 万m3 | **229.58** |  |
| 7 | 土石方回填 | 万m3 | **40.82** |  |
| 8 | 混凝土 | 万m3 | **1.54** |  |
| 9 | 钢筋 | t | **1220.95** |  |
| 10 | 浆砌石 | 万m3 | **2.85** |  |