**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 | 1257.29 | 25145.8 |  |
| 2 | 石方开挖 | m3 | 314.32 | 6286.4 |  |
| 3 | 土石方回填 | m3 | 920.16 | 18403.2 |  |
| 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 |  |
| 7 | 沉降观测 | 处 | 4 | 80 |  |

**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 | 49.28 | 985.6 |  |
| 2 | 石方开挖 | m3 | 12.32 | 246.4 |  |
| 2 | 土石方回填 | m3 | 18.4 | 368.0 |  |
| 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 | 29533.23 |  |
| 5 | 石方开挖 | m3 | 7383.31 |  |
| 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 |  | **5.0KM** |  |
| 1 | 土方开挖 | m3 | 4000.0 | 20000.0 |  |
| 2 | 石方开挖 | m3 | 1000.0 | 5000.0 |  |
| 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 | 150.0 | 750.0 |  |
| 8 | 草皮护坡 | m2 | 2000.0 | 10000.0 |  |
| 二 | 进站道路 | km |  | **1.5KM** |  |
| 1 | 土方开挖 | m3 | 12000.0 | 18000.0 |  |
| 2 | 石方开挖 | m3 | 3000.0 | 4500.0 |  |
| 3 | 土石方回填 | m3 | 4500.0 | 6750.0 |  |
| 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 | 300.0 | 450.0 |  |
| 9 | 草皮护坡 | m2 | 6000.0 | 9000.0 |  |
| 10 | 标志标牌 | 块 | 2.0 | 3.0 |  |
| 11 | 波形护栏 | m | 200.0 | 300.0 |  |
| 三 | 施工检修道路工程 | km |  | **10.0KM** |  |
| 1 | 土方开挖 | m3 | 12000.0 | 120000.0 |  |
| 2 | 石方开挖 | m3 | 3000.0 | 30000.0 |  |
| 3 | 土石方回填 | m3 | 4500.0 | 45000.0 |  |
| 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 | 300.0 | 3000.0 |  |
| 9 | 草皮护坡 | m2 | 6000.0 | 60000.0 |  |
| 10 | 标志标牌 | 块 | 4.0 | 40.0 |  |
| 11 | 波形护栏 | m | 200.0 | 2000.0 |  |
| 12 | 桥梁 | m2 | 0.0 | 0.0 |  |
| 四 | 吊装平台工程 | 台 |  | **20** |  |
| 1 | 一般场地平整 | m2 | 1800.0 | 36000.0 |  |
| 2 | 土方开挖 | m3 | 4320.0 | 86400.0 |  |
| 3 | 石方开挖 | m3 | 1080.0 | 21600.0 |  |
| 4 | 土石方回填 | m3 | 900.0 | 18000.0 |  |
| 5 | 浆砌石排水沟 | m3 | 19.0 | 380.0 |  |
| 6 | M7.5浆砌片石护坡 | m3 | 50.0 | 1000.0 |  |

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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 | **32664.22** | **18771.15** | **13893.08** |
| 2 | 升压站工程 | **36916.54** | **6152.76** | **30763.78** |
| 3 | 道路工程 | **197500.0** | **58000.0** | **139500.0** |
| 4 | 吊装平台 | **108000.0** | **18000.0** | **90000.0** |
| 5 | 集电线路 | **16000.0** | **10000.0** | **6000.0** |
| 6 | 合计 | **391080.76** | **110923.9** | **280156.86** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | 30000 | 300000 | 37500.0 | 1125.0 | 504.0 | 1140.0 |

|  |  |  |  |
| --- | --- | --- | --- |
| 序号 | 项目 | **用地面积（m2）** | 备注 |
| 1 | 风电机组基础 | **6601.27** |  |
| 2 | 箱变基础 | **540.0** |  |
| 3 | 变电站 | **12305.51** | 含放坡 |
| 4 | 合计 | **19446.78** | **29.17** |

|  |  |  |  |
| --- | --- | --- | --- |
| 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 | **28858.73** |  |
| 3 | 施工道路 | **132500.0** |  |
| 4 | 弃渣场 | **30000** |  |
| 5 | 进场道路 | **18000.0** |  |
| 6 | 架空线路 | **1500.0** |  |
| 7 | 电缆沟 | **3000.0** |  |
| 8 | 合计 | **226958.73** | **340.44亩** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 序号 | 项目 | 单位 | **数量** | 备注 |
| 1 | 风机机组 | 台 | **20** |  |
| 2 | 建筑面积 | m2 | **2197.24** |  |
| 3 | 主变压器 | 台 | **2.0** |  |
| 4 | 架空线路 | 基 | **20.0** |  |
| 5 | 直埋电缆 | km | **2.0** |  |
| 6 | 土石方开挖 | 万m3 | **39.11** |  |
| 7 | 土石方回填 | 万m3 | **11.09** |  |
| 8 | 混凝土 | 万m3 | **1.54** |  |
| 9 | 钢筋 | t | **1220.95** |  |
| 10 | 浆砌石 | 万m3 | **1.62** |  |