**～～～～～～～～～～～～～～～～～～～～～～～～～～～～～～ 工 程 预 算 书**

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**工程名称:来宾市兴宾区城南新区企业总部写字楼增容1250kVA箱式变压器工程**

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| **建设单位:** | **工程造价:** |  |
| **施工单位:** | **建筑面积:** | ㎡ |
| **编制单位:** | **单方造价:** | 0.00元 |
| **审核单位:** | **编制日期:** | 2022年05月16日 |
| **编 制 人:** | **编制人证号:** |  |
| **审 核 人:** | **审核人证号:** |  |

软件名称及版本号：博奥清单计价软件V17（版本号：17.0.01） 工程计价软件测评合格编号：2016J02

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| **序号** | **单项工程名称** | **金额(元)** | **其中:(元)** | |
| **暂估价** | **安全文明施工费** |
|  | **投标报价合计** |  |  |  |
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| **序号** | **单位工程名称** | **金额(元)** | **其中:(元)** | |
| **暂估价** | **安全文明施工费** |
| 1.1 | 电气部分 |  |  |  |
| 1.2 | 土建部分 |  |  |  |
|  | **投标报价合计** |  |  |  |
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| **序号** | **汇总内容** | **金额(元)** | **备注** |
| **电气部分** | | | |
| 1 | 分部分项工程和单价措施项目清单计价合计 |  |  |
| 1.1 | 其中:暂估价 |  |  |
| 2 | 总价措施项目清单计价合计 |  |  |
| 2.1 | 其中:安全文明施工费 |  |  |
| 3 | 其他项目清单计价合计 |  |  |
| 4 | 税前项目清单计价合计 |  |  |
| 5 | 规费 |  |  |
| 6 | 增值税 |  |  |
| 7 | 工程总造价=1+2+3+4+5+6 |  |  |
| **土建部分** | | | |
| 1 | 分部分项工程和单价措施项目清单计价合计 |  |  |
| 1.1 | 其中:暂估价 |  |  |
| 2 | 总价措施项目清单计价合计 |  |  |
| 2.1 | 其中:安全文明施工费 |  |  |
| 3 | 其他项目清单计价合计 |  |  |
| 4 | 税前项目清单计价合计 |  |  |
| 5 | 规费 |  |  |
| 6 | 增值税 |  |  |
| 7 | 工程总造价=1+2+3+4+5+6 |  |  |

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| **序号** | **汇总内容** | **金额(元)** | **备注** |
| **工程项目汇总** | | | |
| 1 | 分部分项工程和单价措施项目清单计价合计 |  |  |
| 1.1 | 其中:暂估价 |  |  |
| 2 | 总价措施项目清单计价合计 |  |  |
| 2.1 | 其中:安全文明施工费 |  |  |
| 3 | 其他项目清单计价合计 |  |  |
| 4 | 税前项目清单计价合计 |  |  |
| 5 | 规费 |  |  |
| 6 | 增值税 |  |  |
| 7 | 工程总造价=1+2+3+4+5+6 |  |  |
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| **定额编号** | **定额名称** | **单位** | **工程量** | **单价(元)** | **合价(元)** | **单价分析(元)** | | | | | |
| **人工费** | **材料费** | **机械费** | **管理费** | **利润** | **其中: 暂估价** |
| **电气部分** | | | | | | | | | | | |
| **800kVA箱式变压器** | **分部分项工程** |  |  |  |  |  |  |  |  |  |  |
| B- | 箱变外壳3200\*2100 | 套 | 1 |  |  |  |  |  |  |  |  |
| B- | 变压器SCB11-M-1250kVA/10.5 | 台 | 1 |  |  |  |  |  |  |  |  |
| B- | 高压进线柜HXGN-12 600\*900\*2000 | 台 | 1 |  |  |  |  |  |  |  |  |
| B- | 高压计量柜HXGN-12 800\*900\*2000 | 台 | 1 |  |  |  |  |  |  |  |  |
| B- | 高压出线柜HXGN-12 600\*900\*2000 | 台 | 1 |  |  |  |  |  |  |  |  |
| B- | 低压进线柜GGD-800\*600\*2000 | 台 | 1 |  |  |  |  |  |  |  |  |
| B- | 低压出线柜GGD-800\*600\*2000 | 台 | 1 |  |  |  |  |  |  |  |  |
| B- | 电容补偿柜GGD-800\*600\*2000  **变压器调试及耐压试验及安装** | 台 | 1 |  |  |  |  |  |  |  |  |
| B4-2078 | 电力变压器系统调试 组合式成套箱式变电站调试容量（1500KV.A以下） | 系统 | 1 |  |  |  |  |  |  |  |  |
| B- | 吊装变压器 | 台 | 1 |  |  |  |  |  |  |  |  |
| B4-2116 | 母线、避雷器、电容器调试 母线系统 10 KV以下 | 段 | 3 |  |  |  |  |  |  |  |  |
| B4-2121 | 接地装置调试 一柱一接地极 | 根 | 5 |  |  |  |  |  |  |  |  |
| B4-2122 | 接地装置调试 独立接地装置 | 组 | 2 |  |  |  |  |  |  |  |  |
| B4-2123 | 接地装置调试 接地网 | 系统 | 2 |  |  |  |  |  |  |  |  |
| B- | 702铜芯电缆 | 米 | 80 |  |  |  |  |  |  |  |  |
| B4-0995 | 铜芯电力电缆敷设 普通敷设 电缆(截面m㎡以下)70 | 100m | 0.2000 |  |  |  |  |  |  |  |  |
| B- | 电缆头制作 | 套 | 2 |  |  |  |  |  |  |  |  |
| B4-2070 | 电力电缆系统调试 10KV以下  **低压部分** | 系统 | 1 |  |  |  |  |  |  |  |  |

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| **定额编号** | **定额名称** | **单位** | **工程量** | **单价(元)** | **合价(元)** | **单价分析(元)** | | | | | |
| **人工费** | **材料费** | **机械费** | **管理费** | **利润** | **其中: 暂估价** |
| B- | 2402铜芯电缆 | 米 | 180 |  |  |  |  |  |  |  |  |
| B4-1012 | 铜芯电力电缆敷设 沿支架敷设 竖直通道电缆(截面m㎡以下)240 | 100m | 1.2000 |  |  |  |  |  |  |  |  |
| B4-1092 | 户内热缩式电力电缆终端头制作、安装1kV以下端头(截面m㎡以下)240 | 个 | 2 |  |  |  |  |  |  |  |  |
| B- | 低压出线柜GGD-800\*600\*2000 | 套 | 1 |  |  |  |  |  |  |  |  |
| B- | 400\*200电缆桥架 | m | 11.00 |  |  |  |  |  |  |  |  |
| B4-0905 | 钢制桥架 钢制槽式桥架(宽+高mm以下) 400  **按键环** | 10m | 1.100 |  |  |  |  |  |  |  |  |
| B- | 变压器铭牌 | 块 | 4 |  |  |  |  |  |  |  |  |
| B- | 电缆走向桩 | 根 | 3 |  |  |  |  |  |  |  |  |
| B- | 电缆走向牌 | 块 | 7 |  |  |  |  |  |  |  |  |
|  | **小 计** |  |  |  |  |  |  |  |  |  |  |
|  | **∑人工费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑材料费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑机械费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑管理费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑ 利 润** |  |  |  |  |  |  |  |  |  |  |
|  | **合 计** |  |  |  |  |  |  |  |  |  |  |
|  | **∑人工费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑材料费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑机械费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑管理费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑ 利 润** |  |  |  |  |  |  |  |  |  |  |
| **土建部分** | | | | | | | | | | | |
|  | **分部分项工程** |  |  |  |  |  |  |  |  |  |  |

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| **定额编号** | **定额名称** | **单位** | **工程量** | **单价(元)** | **合价(元)** | **单价分析(元)** | | | | | |
| **人工费** | **材料费** | **机械费** | **管理费** | **利润** | **其中: 暂估价** |
|  | **800kVA箱式变压器基础** |  |  |  |  |  |  |  |  |  |  |
| A1-9 | 人工挖沟槽(基坑) 三类土 深 2m以内 | 100 | 0.3870 |  |  |  |  |  |  |  |  |
| A1-82 | 人工回填土 夯填 | 100 | 0.4890 |  |  |  |  |  |  |  |  |
| A1-116换 | 人工装、自卸汽车运土方 1km运距以内 2t自卸汽车[实际5] | 100 | 0.3580 |  |  |  |  |  |  |  |  |
| A4-3换 | 混凝土垫层{换:碎石 GD40 中砂水泥32.5 C15} | 10 | 0.296 |  |  |  |  |  |  |  |  |
| A4-28换 | 墙 混凝土{换:碎石 GD40 中砂水泥32.5 C25} | 10 | 0.861 |  |  |  |  |  |  |  |  |
| A7-177 | 防水砂浆防水 20mm厚 立面{水泥防水砂浆(加防水粉5％) 1∶2} | 100㎡ | 0.2912 |  |  |  |  |  |  |  |  |
| A7-176 | 防水砂浆防水 20mm厚 平面{水泥防水砂浆(加防水粉5％) 1∶2} | 100㎡ | 0.0663 |  |  |  |  |  |  |  |  |
| A4-236 | 现浇构件圆钢筋制安 φ10以内 | t | 0.084 |  |  |  |  |  |  |  |  |
| A4-237 | 现浇构件圆钢筋制安 φ10以上 | t | 0.146 |  |  |  |  |  |  |  |  |
| A3-37 | 零星砌体 标准砖240×115×53{水泥石灰砂浆中砂M5} | 10 | 0.528 |  |  |  |  |  |  |  |  |
| A4-327 | 铁件 一般铁件 | t | 0.136 |  |  |  |  |  |  |  |  |
| A4-326 | 铁件 预埋铁件 | t | 0.016 |  |  |  |  |  |  |  |  |
| A12-130 | 塑钢纱扇 | 100㎡ | 0.0060 |  |  |  |  |  |  |  |  |
| B-换 | 电缆盖板 1150\*300\*150 | 块 | 16 |  |  |  |  |  |  |  |  |
| A4-177 | 小型构件运输 1km | 10 | 0.059 |  |  |  |  |  |  |  |  |
| A4-178 | 小型构件运输 每增加1km | 10 | 0.059 |  |  |  |  |  |  |  |  |
| A4-216 | 小型构件 安装{水泥砂浆 1∶2} | 10 | 0.059 |  |  |  |  |  |  |  |  |
| B- | 电缆沟开挖0.6\*0.8\*15m | m | 15.00 |  |  |  |  |  |  |  |  |
| B- | 电缆保护管φ110 | m | 30.00 |  |  |  |  |  |  |  |  |
|  | **小 计** |  |  |  |  |  |  |  |  |  |  |
|  | **∑人工费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑材料费** |  |  |  |  |  |  |  |  |  |  |

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| **定额编号** | **定额名称** | **单位** | **工程量** | **单价(元)** | **合价(元)** | **单价分析(元)** | | | | | |
| **人工费** | **材料费** | **机械费** | **管理费** | **利润** | **其中: 暂估价** |
|  | **∑机械费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑管理费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑ 利 润** |  |  |  |  |  |  |  |  |  |  |
|  | **合 计** |  |  |  |  |  |  |  |  |  |  |
|  | **∑人工费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑材料费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑机械费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑管理费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑ 利 润** |  |  |  |  |  |  |  |  |  |  |
|  | **总 合 计** |  |  |  |  |  |  |  |  |  |  |
|  | **∑人工费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑材料费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑机械费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑管理费** |  |  |  |  |  |  |  |  |  |  |
|  | **∑ 利 润** |  |  |  |  |  |  |  |  |  |  |
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| **序号** | **项 目 名 称** | **计算基础** | **费率(%) 或标准** | **金 额(元)** | **备注** |
| **电气部分** | | | | | |
| **一** | **给排水、燃气、电气、通风空调**  **、消防、建筑智能、通信、自控仪表工程(营改增)一般计税法** |  |  |  |  |
| 1 | 安全文明施工费 | ∑分部分项及单价措施费定额(人工费+机械费) | 12.12 |  |  |
| 2 | 检验试验配合费 | 0.51 |  |  |
| 3 | 雨季施工增加费 | 4.09 |  |  |
| **土建部分** | | | | | |
| **一** | **建筑装饰装修工程(营改增)一般计税法** |  |  |  |  |
| 1 | 安全文明施工费 | ∑分部分项及单价措施费定额(人工费+材料费+机械费) | 7.36 |  |  |
| 2 | 检验试验配合费 | 0.11 |  |  |
| 3 | 雨季施工增加费 | 0.53 |  |  |
| 4 | 工程定位复测费 | 0.05 |  |  |
|  | 合 计 |  |  |  |  |
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注:以项计算的总价措施，无“计算基础”和“费率”的数值，可只填“金额”数值，但应在备注栏说明施工方案出处或计算方法。

表-09

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| **序号** | **项目编号** | **项目名称及项目特征描述** | **计量单位** | **工程量** | **金额（元）** | |
| **单价** | **合价** |
|  |  | 合 计 |  |  |  |  |
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注：税前项目包含除增值税以外的所有费用。

表－12

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| **序号** | **项 目 名 称** | **计 算 基 础** | **计算费率(%)** | **金额(元)** |
| **电气部分** | | | | |
| **一** | **给排水、燃气、电气、通风空调、消防、建筑智能、通信、自控仪表工程(营改增)一般计税法** |  |  |  |
| 1 | 规费 | 1.1+1.2+1.3 |  |  |
| 1.1 | 社会保险费 | ∑(分部分项人工费+单价措施人工费) | 29.35 |  |
| 1.1.1 | 养老保险费 | 17.22 |  |
| 1.1.2 | 失业保险费 | 0.34 |  |
| 1.1.3 | 医疗保险费 | 10.25 |  |
| 1.1.4 | 生育保险费 | 0.64 |  |
| 1.1.5 | 工伤保险费 | 0.90 |  |
| 1.2 | 住房公积金 | 1.85 |  |
| 1.3 | 工程排污费 | 0.40 |  |
| 2 | 增值税 | Σ（分部分项工程费及单价措施项目费+总价措施项目费+其他项目费+税前项目费+规费 | 9.00 |  |
| **土建部分** | | | | |
| **一** | **建筑装饰装修工程(营改增)一般计税法** |  |  |  |
| 1 | 规费 | 1.1+1.2+1.3 |  |  |
| 1.1 | 社会保险费 | ∑(分部分项人工费+单价措施人工费) | 29.35 |  |
| 1.1.1 | 养老保险费 | 17.22 |  |
| 1.1.2 | 失业保险费 | 0.34 |  |
| 1.1.3 | 医疗保险费 | 10.25 |  |
| 1.1.4 | 生育保险费 | 0.64 |  |

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| **序号** | **项 目 名 称** | **计 算 基 础** | **计算费率(%)** | **金额(元)** |
| 1.1.5 | 工伤保险费 | ∑(分部分项人工费+单价措施人工费) | 0.90 |  |
| 1.2 | 住房公积金 | 1.85 |  |
| 1.3 | 工程排污费 | ∑(分部分项人材机+单价措施人材机) | 0.43 |  |
| 2 | 增值税 | Σ（分部分项工程费及单价措施项目费+总价措施项目费+其他项目费+税前项目费+规费） | 9.00 |  |
|  | 合 计 |  |  |  |
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