JL-SBB-54  **保 温 工 程 项 目 招 标 报 价 书**

**设备工程预（结）算表**

工程名称：管道保温 时间： 年 月 日

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 序号 | 工程或费用名称 | 单位 | 数量 | 概预算价（元） | | 备注 |
| 单价 | 合计 |
| 一 | 制冷室外 |  |  |  |  |  |
| 1 | Φ273长度17.3米，弯头5个，封头1个 |  |  |  |  |  |
|  | （0.273+0.2）×3.14×（17.3+5×1.5+1×1）×1.033 | m² | 39.58 |  |  |  |
|  | （0.273+0.1）×3.14×（17.3+5×1.5+1×1）×0.1 | m³ | 3.02 |  |  |  |
|  | 13×3 | m² | 39 |  |  |  |
| 2 | Φ219长度4.5米，弯头3个，三通1个，脚手架2.5×3 |  |  |  |  |  |
|  | （0.219+0.2）×3.14×（4.5+3×1.5+1×1）×1.033 | m² | 13.59 |  |  |  |
|  | （0.219+0.1）×3.14×（4.5+3×1.5+1×1）×0.1 | m³ | 1 |  |  |  |
|  | 2.5×3 | m² | 7.5 |  |  |  |
| 3 | Φ159长度8米，弯头4个，三通1个，脚手架2.5×3 |  |  |  |  |  |
|  | （0.159+0.2）×3.14×（8+4×1.5+1×1）×1.033 | m² | 17.46 |  |  |  |
|  | （0.159+0.1）×3.14×（8+4×1.5+1×1）×0.1 | m³ | 1.22 |  |  |  |
|  | 25×3 | m² | 7.5 |  |  |  |
| 4 | Φ133长度4.5米，弯头3个，三通1个，脚手架2.5×3 |  |  |  |  |  |
|  | （0.133+0.2）×3.14×（4.5+3×1.5+1×1）×1.033 | m² | 10.46 |  |  |  |
|  | （0.133+0.1）×3.14×（4.5+3×1.5+1×1）×0.1 | m³ | 0.73 |  |  |  |
|  | 25×3 | m² | 7.5 |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- |
| 序号 | 工程或费用名称 | 单位 | 数量 | 概预算价（元） | | 备注 |
| 单价 | 合计 |
| 5 | Φ76长度44米，弯头62个，三通52个，阀门29个 |  |  |  |  |  |
|  | （0.076+0.16）×3.14×（44+62×1+52×1）×1.033 | m² | 117.08 |  |  |  |
|  | （0.076+0.08）×3.14×（44+5×62×1+52×1）×1.033 | m³ | 6.19 |  |  |  |
|  | 29×275 | 个 | 29 |  |  |  |
| 6 | Φ273长度4.5米，弯头1个 |  |  |  |  |  |
|  | （0.237+0.2）×3.14×（4.5+1×1.5）×1.033 | m² | 9.21 |  |  |  |
|  | （0.237+0.1）×3.14×（4.5+1×1.5）×0.1 | m³ | 0.7 |  |  |  |
| 7 | Φ159长度20米，阀门8个，弯头4个 |  |  |  |  |  |
|  | （0.159+0.2）×3.14×（20+4×1.5）×1.033 | m² | 30.28 |  |  |  |
|  | （0.159+0.1）×3.14×（20+4×1.5）×0.1 | m³ | 2.1 |  |  |  |
|  | 8×275 | 个 | 8 |  |  |  |
| 8 | Φ57长度2.5米,阀门3个 |  |  |  |  |  |
|  | （0.057+0.2）×3.14×2.5×1.033 | m² | 2.08 |  |  |  |
|  | （0.057+0.1）×3.14×2.5×0.1 | m³ | 0.12 |  |  |  |
|  | 3×275 | 个 | 3 |  |  |  |
| 9 | Φ108长度3.3米，弯头1个,阀门1个 |  |  |  |  |  |
|  | （0.108+0.2）×3.14×（3.3+1×1.5）×1.033 | m² | 4.8 |  |  |  |
|  | （0.108+0.1）×3.14×（3.3+1×1.5）×0.1 | m³ | 0.31 |  |  |  |
|  | 1×275 | 个 | 1 |  |  |  |
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|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 序号 | 工程或费用名称 | 单位 | 数量 | 概预算价（元） | | 备注 |
| 单价 | 合计 |
| 二 | 发醇工段内 |  |  |  |  |  |
| 10 | Φ159长度1.2米，脚手架1.2×3 |  |  |  |  |  |
|  | （0.159+0.2）×3.14×1.2×1.033 | m² | 1.4 |  |  |  |
|  | （0.159+0.1）×3.14×1.2×0.1 | m³ | 0.1 |  |  |  |
|  | 1.2×3 | m² | 3.6 |  |  |  |
| 11 | Φ108长度8.1米，弯头6个，阀门3个，阀兰1个，脚手架8×3 |  |  |  |  |  |
|  | (0.108+0.2)×3.14×(8.1+6×1.5)×1.033 | m² | 17.08 |  |  |  |
|  | （0.108+0.1）×3.14×（8.1+6×1.5）×0.1 | m³ | 1.12 |  |  |  |
|  | 8×3 | m² | 24 |  |  |  |
| 12 | Φ76长度5.1米，阀门2个，弯头3个，脚手架5×3 |  |  |  |  |  |
|  | （0.076+0.2）×3.14×（5.1+3×1）×1.033 | m² | 7.25 |  |  |  |
|  | （0.076+0.1）×3.14×（5.1+3×1）×0.1 | m³ | 0.45 |  |  |  |
|  | 3×5 | m² | 8 |  |  |  |
| 13 | Φ45长度0.8米，三通1个，脚手架1×3 |  |  |  |  |  |
|  | （0.045+0.1）×3.14×（0.8+1×1）×1.033 | m² | 0.85 |  |  |  |
|  | （0.045+0.05）×3.14×（0.8+1×1）×0.05 | m³ | 0.03 |  |  |  |
| 14 | Φ273长度1米，封头1个，脚手架1×6 |  |  |  |  |  |
|  | （0.273+0.2）×3.14×（1+1.5）×1.033 | m² | 3.84 |  |  |  |
|  | （0.273+0.1）×3.14×（1+1.5）×0.1 | m³ | 0.29 |  |  |  |
|  | 1×6 | m² | 6 |  |  |  |
| 三 | 糖化工段 |  |  |  |  |  |
| 15 | Φ108长度2.1米，阀门3个 |  |  |  |  |  |
|  | （0.108+0.2）×3.14×2.1×1.033 | m² | 2.1 |  |  |  |
|  | （0.108+0.1）×3.14×2.1×0.1 | m³ | 0.14 |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- |
| 序号 | 工程或费用名称 | 单位 | 数量 | 概预算价（元） | | 备注 |
| 单价 | 合计 |
| 16 | Φ133(热水管)长度8米，弯头1个，阀兰1个 |  |  |  |  |  |
|  | （0.133+0.2）×3.14×（8+1.5×1）×1.033 | m² | 10.218 |  |  |  |
|  | （0.133+0.1）×3.14×（8+1.5×1）×0.1 | m³ | 0.7 |  |  |  |
|  | 1×275 | m² | 1 |  |  |  |
| 17 | Φ32（蒸气管）长度24米，弯头7个，封头3个，三通2个，阀门5个，脚手架20×3 |  |  |  |  |  |
|  | （0.032+0.1）×3.14×（24+7×1+3×1+2×1）×1.033 | m² | 15.41 |  |  |  |
|  | （0.032+0.05）×3.14×（24+7×1+3×1+2×1）×0.05 | m³ | 0.46 |  |  |  |
|  | 5×275 | 个 | 5 |  |  |  |
|  | 20×3 | m² | 60 |  |  |  |
| 18 | Φ1000长度1.2米，工艺封头1个 |  |  |  |  |  |
|  | （1+0.2）×3.14×（1.2+1.5）×1.033 | m² | 10.51 |  |  |  |
|  | （1+0.1）×3.14×（1.2+1.5）×0.1 | m³ | 0.93 |  |  |  |
|  | 铁网+油毡（18+13） | m² | 10.51 |  |  |  |
| 四 | 制冷及气管道 |  |  |  |  |  |
| 19 | Φ325长度1.5米，封头1个 |  |  |  |  |  |
|  | （0.325+0.2）×3.14×（1.5+1）×1.033 | m² | 4.26 |  |  |  |
|  | （0.325+0.1）×3.14×（1.5+1）×0.1 | m³ | 0.33 |  |  |  |
|  | 脚手架5×1.5 | m² | 7.5 |  |  |  |
| 五 | 制冷氨泵 |  |  |  |  |  |
| 20 | Φ108长度7.2米，阀门6个 |  |  |  |  |  |
|  | （0.108+0.2）×3.14×7.2×1.033 | m² | 7.19 |  |  |  |
|  | （0.108+0.1）×3.14×7.2×0.1 | m³ | 0.47 |  |  |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 序号 | 工程或费用名称 | 单位 | 数量 | 概预算价（元） | | 备注 |
| 单价 | 合计 |
|  | 阀门6×275 | 个 | 6 |  |  |  |
| 六 | 冷库 |  |  |  |  |  |
| 21 | Φ159长度1.7米，阀门1个，弯头2个 |  |  |  |  |  |
|  | (0.159+0.2)×3.14×（1.7+2×1.5）×1.033 | m² | 5.47 |  |  |  |
|  | (0.159+0.1)×3.14×（1.7+2×1.5）×0.1 | m³ | 0.38 |  |  |  |
|  | 阀门1×275 | 个 | 1 |  |  |  |
|  | 脚手架1.7×3 | m² | 5.4 |  |  |  |
| 22 | Φ108长度1米，阀门1个 |  |  |  |  |  |
|  | (0.108+0.2)×3.14×1×1.033 | m² | 1 |  |  |  |
|  | (0.108+0.1)×3.14×1×0.1 | m³ | 0.07 |  |  |  |
|  | 阀门1×275 | 个 | 1 |  |  |  |
|  | 脚手架 | m² | 3 |  |  |  |
| 23 | Φ89长度1米，阀门5个，脚手架1×3 |  |  |  |  |  |
|  | (0.089+0.2)×3.14×1×1.033 | m² | 0.93 |  |  |  |
|  | (0.089+0.1)×3.14×1×0.1 | m³ | 0.06 |  |  |  |
|  | 阀门5×275 | 个 | 5 |  |  |  |
|  | 脚手架1×3 | m² | 3 |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | 总价 |  |  |  |  |  |
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|  | |  |  |  |  |  |
| 施工单位： | | | | | | |
| 总价大写（含税）： 小写： 元 | | | | | | |
| 联系人： 联系电话： | | | | | | |