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## 摘 要

这个工程主要展示的内容为 110kV 屏边至大理供电工程 L 回 LN56-LN61 投标文件设计。

这个文件主要有技术标和商务标两部分构成。商务标部分是依据我国电网工程建设预算规则合计出 110kV 屏边至大理供电工程 L 回 LN56-LN61 的安装工程总费用,本工程工量表现在商务标部分,包括图纸上基础的各种材料的用量,线材的用量,塔材的用量,附件工程中,金桔绝缘子等的用量。通过查阅定额资料和核对图纸,得出本工程所用的材料费和直接费,确定间接费,利润以及税金,最后确定总的工程造价和每公里造价。至于技术标的编制主要是按照招标人的要求以及国家规定的法律法规拟建编制每个分部分项工程的施工技术方,建立了相应的组织管理机构与模式。主要包括本工程的编制依据、工程大体的概况、部分施工技术、方法,工程所用的工期和安排合理的施工进度计划、要求达到工程质量目标及和项目有关的规定管理措施、工程安全目标及相关的管理措施。根据所学知识结合分部分项工程量绘制了施工进度计划网络图、施工进度计划横道图与场布图,极大的表现了严谨的态度、广泛性及针对性,保证了快速、高效、低消耗、安全、合理地完成目标。

**关键词:** 投标文件设计, 商务标, 技术标, 施工工期, 施工技术工艺

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## Abstract

The main content of this project is the design of tender documents for 110kV screen edge to LN56-LN61 power supply project in Dali.

This document mainly consists of technical and commercial marks. According to the budgetary rules of power grid construction in China, the total installation cost of 110 kV Pingbian-Dali power supply project L-return LN56-LN61 is calculated in the commercial tender part, which includes the amount of basic materials on the drawings, the amount of wires, the amount of tower materials, the amount of accessories, etc. Through consulting the quota data and checking the drawings, we can get the equipment material fee and direct fee, determine the indirect fee, profit and tax, and finally determine the total cost of the project and the cost per kilometer. As for the technical tender, it is mainly in accordance with the requirements of the tenderer and the laws and regulations stipulated by the state to prepare the construction technology scheme for each sub-project, and establish the corresponding organization and management organization and mode. It mainly includes the basis for compiling, the general situation of the project, the construction technology, the method, the time limit and the construction schedule, the quality target of the project and the related stipulated management measures, the safety target of the project and the related management measures. Combining with the quantities of sub-projects, the construction schedule network chart, the construction schedule cross-bar chart and the plan layout are drawn, which shows the rigorous attitude, extensiveness and pertinence, and ensures the excellent, low consumption, safety and reasonable achievement of the goal.

**Key words:** tender document design, commercial tender, technical tender, construction progress, construction technology

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# 目 录

摘 要.....	1
Abstract.....	1
目 录.....	1
1 投标函及投标函附录.....	1
1.1 投标函.....	1
1.2 投标函附录.....	2
1.3 投标人关于资格的声明函.....	3
1.4 法定代表人资格证明书.....	4
1.5 授权委托书.....	5
1.6 项目经理及技术负责人简历表.....	6
1.7 投标保证金担保书.....	7
1.8 投标承诺.....	8
2 商务标.....	9
2.1 报价汇总表.....	9
2.2 总说明.....	10
2.3 预算表.....	11
3 技术标.....	37
3.1 编制依据.....	37
3.2 工程概况及特点.....	37
3.2.1 工程概况.....	37
3.2.2 工程关系.....	37
3.2.3 设计主要参数.....	38
3.3 施工管理组织规划.....	38
3.3.1 工程目标.....	38
3.3.2 施工组织机构.....	39
3.3.3 施工技术准备.....	39
3.3.4 建设场地的准备与清理.....	39
3.3.5 主要施工机具配备.....	40
3.3.6 材料采购及加工.....	41
3.4 主要工序施工方法.....	42
3.4.1 施工工序总体安排.....	42
3.4.2 工地运输.....	43
3.4.3 基础施工方案.....	43
3.4.4 杆塔施工方案.....	51
3.4.5 架线施工方案.....	55
3.4.6 附件施工方案.....	56
3.5 工期及施工进度计划.....	58
3.5.1 工期目标及分解.....	58
3.5.2 施工资源计划.....	59
3.5.3 工期保证措施.....	60

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