

CYIENT

Electrical Engineer/電気技師

Job Information

Hiring Company

Cyient K.K.

Subsidiary

Cyient

Job ID

1444289

Industry

IT Consulting

Company Type

Small/Medium Company (300 employees or less) - International Company

Job Type

Permanent Full-time

Location

Kanagawa Prefecture, Yokohama-shi Minami-ku

Salary

6.5 million yen ~ 9 million yen

Work Hours

9 : 00 ~ 18 : 00 (休憩1時間) 但し、弊社顧客プロジェクト対応の場合は顧客先営業カレンダーに準ずる

Holidays

土・日・祝 但し、弊社顧客プロジェクト対応の場合は顧客先営業カレンダーに準ずる

Refreshed

May 20th, 2024 06:00

General Requirements

Minimum Experience Level

Over 10 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Purpose: (Summary)

Electrical Engineer is mainly responsible for electrical system design and equipment design to suit the project requirement.

Core Accountabilities / Responsibilities

- Ensure the functionality and quality of electrical equipment meet project requirements.

- Work in close cooperation with electrical engineers, and other relevant disciplines.
- Attend meetings with client or other relevant disciplines.
- Technical / Cost Proposal works;
 - Preparation of technical query to client, BOQ and cost estimation, clarification with vendors.
- Detail engineering;
 - Preparation of single line diagram, electrical load summary, equipment sizing, etc.
 - Various calculation like transformer sizing, generator sizing, UPS and battery sizing, etc.
 - Electrical System Study (Short circuit, Load flow, Dynamic Study, Relay setting calculation etc.) and report through ETAP software.
- Procurement related works;
 - Preparation of material requisition and data sheet for electrical equipment's, e.g. MV/LV switchgear, transformer, UPS, ELICS etc.
 - Vendor document review, Inspection of procured electrical equipment's

【業務内容】

- 電気機器の機能と品質がプロジェクトの要件を満たしているかの確認
- 電気技術者および関係者と密に協力して作業を遂行する
- クライアントおよび関連するミーティングへの出席
- 技術・見積提案業務（クライアントへの技術的な質問対応および準備、BOQ とコスト見積、ベンダー協議等）
- 詳細エンジニアリング業務（単線結線図の作成、電気負荷の概要、機器のサイジング。変圧器のサイジング、発電機のサイジング、UPS とバッテリーのサイジングなどの計算。電気システムの調査（短絡、潮流、動的調査、リレー設定の計算。ETAP ソフトウェアを介した報告）
- 調達関連業務（電気機器の材料要求書とデータシートの作成。MV/LV スイッチギア、変圧器、UPS、ELICS など - ベンダーの書類審査、調達した電気機器の検査）

Technical Knowledge / Skills / Competencies

- Knowledge of electrical engineering principle
- Knowledge of electrical equipment and materials including typical vendor products
- Familiar with major international codes and standards (IEC, ANSI/NEMA, API, etc.)
- Familiar with international specifications of electrical engineering and design (IOC, NOC)
- Ability to understand and produce electrical engineering documents and drawings such as one line diagram, block diagram, sequence / schematic diagram, electrical installation drawings and so on.
- Ability to control, lead, coordinate, negotiate, expedite vendor's work execution
- Ability to coordinate with team members and project stakeholders including vendors and subcontractors.
- Knowledge of business application like MS Word, PowerPoint, Excel, Teams, etc.
- Fluent in English in speaking, reading and writing

Behavioral Skills / Competencies

- Effective interpersonal skill to communicate with client
- Ability to manage engineering and design execution
- Ability to make engineering schedule
- Flexibility to adapt to change
- HSE conscious

Qualifications / Certifications Preferred:

Bachelor's Degree in Electrical Engineering or related field

Minimum Years of Relevant Experience:

- Preferred 10+ years' work experience of electrical engineering in oil, gas, petrochemical and power fields as main contractor.
- Reasonable speaking and writing ability in English

【応募条件】

必須条件

- オイル・ガスエンジニアリング領域での実務経験8年以上
- 電気工学原理の知識
- ベンダー製品を含む電気機器および材料の知識
- 主要な国際コードと標準規格 (IEC、ANSI/NEMA、API など) の理解。
- 電気工学および設計の国際仕様 (IOC、NOC) の理解。
- 単線図、ブロック図、シーケンス、回路図、電気設備図などの電気工学文書と図面理解し、作成する能力。
- チームメンバー、関連部署、ベンダーの作業遂行の管理・調整・交渉能力。
- MS Word、PowerPoint、Excel、Teams などのビジネス アプリケーションの使用経験。

- クライアントとコミュニケーションをとるための効果的な対人スキル
- エンジニアリングと設計の実行を管理する能力
- エンジニアリング スケジュールを作成する能力
- 変化に適応する柔軟性
- 理系（工学部または関連した学部）出身者

歓迎条件

- 工学系資格、博士号、MBA取得者など

Company Description

About Cyient

Cyient is a global engineering and technology solutions company. As a Design, Build, and Maintain partner for leading organizations worldwide, we take solution ownership across the value chain to help clients focus on their core, innovate, and stay ahead of the curve. We leverage digital technologies, advanced analytics capabilities, and our domain knowledge and technical expertise, to solve complex business problems.

With over 15,000 employees globally, we partner with clients to operate as part of their extended team in ways that best suit their organization's culture and requirements. Our industry focus includes aerospace and defence, healthcare, telecommunications, rail transportation, semiconductor, geospatial, industrial, and energy.