

JOB OFFER DETAILS

Title:

Constraction engineer

Subtitle:

We are looking for constraction engineer

Company:

Digitalcook

Sector:

Bâtiment et travaux publics (BTP)

PROFESSIONAL EXPERIENCE

Avec expérience professionnelle

CONTRACT DETAILS

Contract Type:

CDI

Working Time:

full_time

Experience Level:

Expérimenté

SALARY INFORMATION

Minimum Salary:

5000

Maximum Salary:

8000

Currency:

USD

Salary Depends on Offer:

No

LOCATION

Country:

SA

City:

Jeddah

Work Mode:

On_site

Availability:

Immédiate

LANGUAGES REQUIRED

N/A

JOB DESCRIPTION

As a Construction Engineer, you will play a pivotal role in the planning, design, and execution of construction projects. Your primary responsibility will be to ensure that all engineering aspects of construction are carried out efficiently and effectively, adhering to industry standards and regulations. You will collaborate closely with architects, project managers, and other stakeholders to develop project specifications and timelines, while also overseeing the construction process to ensure quality and safety standards are met.

In this role, you will be responsible for conducting site assessments, preparing detailed engineering reports, and providing technical guidance throughout the project lifecycle. You will also be involved in managing budgets, resources, and schedules, ensuring that projects are completed on time and within scope. Strong problem-solving skills and the ability to work under pressure will be essential as you navigate challenges that arise during construction.

Additionally, you will be expected to stay updated on the latest construction technologies and methodologies, contributing to innovative solutions that enhance project outcomes. Your expertise will not only contribute to the successful completion of projects but also ensure that they are sustainable and environmentally responsible. This position offers an exciting opportunity to make a significant impact in the construction industry while advancing your career in a dynamic and collaborative environment.

RESPONSIBILITIES

As a Construction Engineer, you will be responsible for a diverse range of tasks that are critical to the successful execution of military and civil-defense construction projects. Your key responsibilities will include:

1. **Project Planning and Design**: Plan, design, and supervise military and civil-defense construction projects, including buildings, facilities, infrastructure, and operational installations, ensuring that all designs meet the necessary specifications and requirements.
2. **Technical Documentation**: Prepare and review technical drawings, specifications, bills of quantities, and construction documents to ensure clarity and compliance with project standards.
3. **Site Assessments**: Conduct thorough site inspections and surveys to assess existing infrastructure and determine construction requirements, identifying potential challenges and opportunities.
4. **Supervision of Construction Teams**: Oversee contractors and construction teams, ensuring that all work complies with technical specifications, project plans, schedules, and safety standards, while fostering a collaborative work environment.
5. **Progress Monitoring**: Monitor construction progress, quality, costs, and materials throughout the project execution phase, making adjustments as necessary to stay on track and within budget.
6. **Coordination with Stakeholders**: Coordinate effectively with architects, structural engineers, electrical and mechanical engineers, contractors, and military authorities to ensure seamless communication and project alignment.
7. **Quality Assurance**: Verify the quality and conformity of construction materials and structural works, conducting inspections to ensure adherence to established standards.
8. **Facility Management**: Manage the maintenance, rehabilitation, and renovation of existing military and civil-defense facilities, ensuring they remain functional and up to code.
9. **Problem Identification and Solutions**: Identify structural or infrastructure problems and propose technical solutions and corrective measures to mitigate risks and enhance project outcomes.
10. **Project Planning and Budgeting**: Participate in project planning, budgeting, procurement, and cost estimation processes, contributing to the overall financial management of projects.
11. **Regulatory Compliance**: Ensure compliance with building codes, engineering standards, occupational safety requirements, and environmental regulations throughout all phases of construction.
12. **Reporting**: Prepare comprehensive technical reports, progress reports, inspection reports, and project documentation to keep stakeholders informed and facilitate decision-making.

13. ****Emergency Response Support****: Support emergency and disaster-response operations by assessing damaged buildings and infrastructure, coordinating urgent rehabilitation works to restore functionality.
14. ****Security and Resilience****: Ensure that construction projects meet the required security, resilience, and operational requirements of military and civil-defense facilities, contributing to the safety and effectiveness of operations.

REQUIRED SKILLS

The ideal candidate for the Construction Engineer position will possess a comprehensive set of technical skills essential for the successful execution of military and civil-defense construction projects. These skills include:

1. ****Project Planning and Design****: Proficiency in planning and designing construction projects, ensuring adherence to specifications and regulatory requirements.
2. ****Technical Documentation****: Ability to prepare and review technical drawings, specifications, bills of quantities, and construction documents, ensuring clarity and compliance with project standards.
3. ****Site Assessment****: Expertise in conducting site inspections and surveys to evaluate existing infrastructure and determine construction requirements, identifying potential challenges early in the process.
4. ****Construction Supervision****: Strong skills in supervising contractors and construction teams, ensuring compliance with technical specifications, project plans, schedules, and safety standards.
5. ****Progress Monitoring****: Competence in monitoring construction progress, quality, costs, and materials throughout project execution, making necessary adjustments to stay on track and within budget.
6. ****Stakeholder Coordination****: Ability to effectively coordinate with architects, structural engineers, electrical and mechanical engineers, contractors, and military authorities to facilitate seamless communication and collaboration.
7. ****Quality Assurance****: Skills in verifying the quality and conformity of construction materials and structural works, ensuring compliance with established standards and regulations.
8. ****Facility Management****: Knowledge in managing the maintenance, rehabilitation, and renovation of existing military and civil-defense facilities, ensuring functionality and safety.
9. ****Problem Identification and Solutions****: Proficiency in identifying structural or infrastructure problems and proposing technical solutions and corrective measures.
10. ****Project Budgeting and Cost Estimation****: Experience in participating in project planning, budgeting, procurement, and cost estimation processes to effectively manage financial aspects.

11. **Regulatory Compliance**: Understanding of building codes, engineering standards, occupational safety requirements, and environmental regulations to ensure compliance throughout all phases of construction.
12. **Reporting**: Ability to prepare technical reports, progress reports, inspection reports, and project documentation to maintain accurate records and keep stakeholders informed.
13. **Emergency Response Support**: Skills in supporting emergency and disaster-response operations by assessing damaged buildings and infrastructure and coordinating urgent rehabilitation works.
14. **Security and Resilience**: Knowledge of security, resilience, and operational requirements specific to military and civil-defense facilities, ensuring that construction projects meet these critical standards.

REQUIRED QUALIFICATIONS

To be considered for the position of Construction Engineer, candidates must meet the following requirements and qualifications:

1. **Educational Background**: A Bachelor's degree in Civil Engineering, Construction Management, or a related field is required. A Master's degree or professional certification (such as PE or PMP) is preferred.
2. **Experience**: A minimum of 5 years of relevant experience in construction engineering, with a focus on military and civil-defense projects. Proven experience in managing large-scale construction projects from inception to completion is essential.
3. **Technical Skills**: Proficiency in engineering software and tools such as AutoCAD, Revit, and project management software (e.g., MS Project, Primavera). Strong understanding of construction methods, materials, and legal regulations.
4. **Knowledge of Standards**: Familiarity with local and international building codes, engineering standards, occupational safety regulations, and environmental guidelines. Knowledge of military construction standards is a plus.
5. **Project Management**: Demonstrated ability to manage multiple projects simultaneously, including planning, budgeting, scheduling, and resource allocation. Strong organizational skills and attention to detail are critical.
6. **Communication Skills**: Excellent verbal and written communication skills are necessary for effective collaboration with architects, engineers, contractors, and military authorities. Ability to prepare clear and concise technical reports and documentation.
7. **Problem-Solving Abilities**: Strong analytical and problem-solving skills to identify issues and propose effective solutions. Ability to work under pressure and adapt to changing project requirements.

8. **Leadership and Teamwork**: Proven leadership skills with the ability to supervise and motivate construction teams. A collaborative mindset to work effectively in a team-oriented environment.

9. **Site Assessment Skills**: Experience in conducting site inspections and surveys, with the ability to assess existing infrastructure and determine construction requirements.

10. **Commitment to Safety**: A strong commitment to safety and quality assurance, ensuring compliance with all safety standards and regulations throughout the construction process.

11. **Continuous Learning**: A proactive approach to staying updated on the latest construction technologies, methodologies, and industry trends to enhance project outcomes and contribute to innovative solutions.

COMPETENCY DOMAINS

N/A

REFERENCE TAGS

construction, military

COMPETENCY KEYWORDS

Security and Resilience, Reporting, Project Budgeting , Facility Management, Site Assessment, disaster-response, Project Planning and Design, Problem Identification