
Senior Process Engineer Waste Water Treatment

Location:	East Africa
Expiry date:	N/A
Duration:	06 months with possibility to extension

HJK Consulting Engineers GmbH is an independent, multi-discipline consultancy service supplier in engineering & manufacturing, process & business consulting, operational services to mining, metallurgical, oil & gas industries, project implementation services (green & brown field, turnarounds), dual vocational training.

As member of International Project Management Association (IPMA), Austrian Association of Consulting Engineers (ACA, FIDIC & EFAC), Austrian Society of Engineers & Architects (OIAV) it is our self-conception that clients' will receive first class service in the fields of the company's activities

Job Description:

Construction Design and Supervision Works Corporation, Water and Energy Design and Supervision Works Sector, engaged in the Feasibility Study, Tender Document preparation and construction Supervision in Decentralized Waste Water Treatment Plant, is interested in hiring of the International Individual Consultant (Electro Mechanical Engineer) for the waste water treatment process design approval and supervision works for the feasibility study, tender document preparation and construction of a decentralized waste water treatment.

Scope of Work:

The Expatriate consultant has two major scopes of works and responsibilities, these are:

- Design and Approval
- Construction Supervision and Contract Administration

The Expatriate Consultant will employ international and national techniques to verify the data collection, engineering surveys, and site investigation that ensure data quality and integrity of electromechanical works.

The Expatriate Consultant will review the DBO contractors design principle and criteria based on the employer's requirement, specification, and relevant national and international standards and accepted engineering practices.

The Consultant is responsible to assure conformity of the electro-mechanical design with the design of other components of the treatment plant.

The Expatriate Consultant will review, give corrections and/or suggestions and approval as required of the design philosophy; reliability of performance, operability, flexibility, and safety of the plant including calculations and modelling results in accordance with the conditions of the contract and recognized best modern practice.

Carries out relevant activities directly related to the project's Electro-Mechanical activities. He has to train and transfer skill to clients and the project in his area of services.

Construction Supervision

The Expatriate Consultant along with the other team members supervises all the work to be executed by the contractor(s) under the terms of the construction contract to ensure that all equipment, materials, workmanship, and executed work strictly comply with the design specifications, conditions and practices of the contract.

The contract document defines the technical, legal, environmental, financial, and other requirements of the project for this purpose.

The Expatriate Consultant writes the right prescription at the right time to ensure healthy construction contract and maximize the benefit of all the contract parties.

The Consultant shall strictly follow the procedures established for construction supervision in the execution of the consultancy services.

The Expatriate Consultant should create good collaboration with the other experts of the supervision team of the construction coordination office all the time in the course of the contract.

Qualifications:

BSc or MSc in Electrical Engineering, Mechanical Engineering, or related field of study from recognized university/college/ institute.

- Experience at least 15 years in international development projects with focus on waste water related projects, out of this 05 years specific experience in feasibility study, design and construction of waste water projects
- Communication and presentation skills.
- Proficient in English

Personal qualities:

- Must have solid interpersonal skills, and be able to work collaboratively and constructively in a dynamic and changing work environment, both individually and as part of a close team
- Must be eager to take on added responsibilities and leadership roles over time

General information:

HJK Consulting Engineers core values are represented by

- Clients Come First
- Diversity
- Expanding the Art of the Possible
- Integrity
- Partnership
- Respect for the Individual
- Shaping the Future
- Stewardship
- The Strategic Perspective
- Value Delivered