



Position: Project Engineer - Piped Water

About TapEffect:

TapEffect is focused on affordable clean tap water for households across Cambodia.

TapEffect is looking to expand our team. This is a great opportunity for an engineer with experience in piped water design who is interested in taking a lead in expanding piped water coverage and who wants to be part of a growing piped water business.

Responsibilities

The Project Engineer will report to the CEO. This position requires someone who is motivated to take initiative in driving project development. The right person is interested in building their skills in:

Project Management: Take a lead on driving project completion through project planning and scheduling, and contractor management.

Team Leadership and partnerships: Lead teams to deliver outcomes, provide leadership to team members, support partnerships, and manage human resources to implement projects and support company outcomes.

Technical design: Put to practice technical design skills, build technical skills in new areas, deploy new technologies and drive remote operation of piped water systems.

Responsibilities can include but are not limited to:

- **Licensing:** Liaising with Ministries to know which areas is available for licensing / which stakeholder we could buy the license from for a given area.
- **Project Planning:** Plan and schedule projects and resources to achieve project outputs on schedule and under budget.
- **Project Development:** Take a lead in project development – pipeline development of new sites, assessing systems, obtaining site licences
- **Team management:** Lead teams and provide leadership to junior engineers.
- **R&D:** Technology research and selection and design of research & development initiatives
- **Best Practice:** Demonstrate leadership to establish systems for best practice for design and construction to ensure that TapEffect is a leader in quality systems, innovation and demonstrating a professional approach.
- **Technical Design:** Feasibility studies and design of piped water systems – including network planning, detailed design and drawings, equipment specifications, procurement guidelines, project cost estimation and methods for offsite monitoring.
- **Due Diligence** assessments of existing systems to determine valuation and expansion plans.
- **Remote Monitoring:** Rather than single systems, TapEffect will run a portfolio of systems – develop and implement remote monitoring processes and systems for effective operation.
- **Procurement & Logistics:** Procurement management and logistics coordination.
- **Contractor Management:** Commercial contract design, sub-contractor selection and management.
- **Construction supervision:** – weld test programs, site decisions, site safety, contractor management, site decisions.



Benefits

All leave allowances are provided according to the Cambodian labour law and any regulations that may be issued from time to time that are required to be followed.

Additional Opportunities

- Take a lead in rural infrastructure projects
- Contribute to a growing business

Who we are looking for:

We are looking for a team member that:

- Required: Has experience and capabilities in designing piped water systems.
- Is experienced in pipe network hydraulic design software, such as WaterGem
- Has an engineering degree from a leading university.
- Can lead a small team in feasibility studies.
- Has good communication and stakeholder management skills
- Good English and Khmer proficiency

Additional Information

The role can commence immediately. Please send a brief cover letter and resume to Nick Boerema at nb@TapEffect.asia

Nick Boerema
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