

Tube well Profiles: Providing Access to Groundwater

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**Let's defend human
rights to water and
sanitation.**

Access to water and sanitation is a fundamental human right. Let's stand united in defending this basic necessity, ensuring that every individual has the dignity of clean water and proper sanitation



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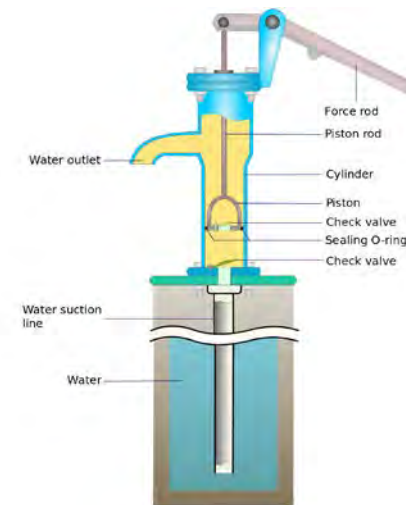
Tube Well Options

- 1. Manual Pump Well (20-30 feet)**
- 2. Submersible Pump Well (25-30 feet)**
- 3. Deep Drilling Well (80-200 feet)**

Each option provides a tailored solution based on the depth of groundwater and the availability of resources, empowering communities to access and utilize this vital natural resource effectively.

Option 1: Manual Pump (20-30 feet)

- ▶ For areas where groundwater is accessible within depths of 20 to 30 feet, the manual pump option provides a simple and reliable solution. This traditional method involves a hand-operated pump mechanism, making it ideal for regions where electricity may not be readily available. The manual pump offers ease of operation and maintenance, making it a practical choice for communities with limited resources or infrastructure.
- ▶ ***The floor area surrounding the pump will be constructed with durable cement, ensuring stability and longevity.***



Option 2: Submersible Pump (25-30 feet)

- ▶ In regions where groundwater lies slightly deeper, typically within 25 to 30 feet, the Submersible pump option offers an efficient solution. This setup involves installing a submerged pump within the tube well, powered by electricity.
- ▶ The floor area will be constructed with cement and equipped with a 500 ml water tank, along with a tap and necessary plumbing for convenient access to water. Volunteers can facilitate by providing the necessary power for the Submersible pump, ensuring consistent access to groundwater



Option 3: Deep Drilling (80-200 feet)

- ▶ For areas where groundwater reserves are deeper, ranging from 80 to 100 feet or more, deep drilling tube wells provide a dependable water source. These tube wells utilize advanced drilling techniques to reach greater depths, ensuring access to abundant groundwater resources.
- ▶ The floor area surrounding the pump will be constructed with cement and equipped with a 500 ml water tank, along with a tap and necessary plumbing for convenient access to water. Similar to option 2, volunteers can facilitate by providing electricity to power the Submersible pump, ensuring continuous access to groundwater.



Solar Option Add-On

- ▶ As an environmentally friendly alternative to relying on volunteer-provided electricity, all options can be equipped with solar-powered systems. Solar panels harness renewable energy from the sun to power pumps, offering a sustainable solution with minimal operational costs. By integrating solar technology, communities can ensure continuous access to groundwater without depending on external power sources, contributing to energy independence and environmental conservation

Price Negotiation and Reduction:

- Once we've completed around 5 to 6 wells, we'll take a step forward by planning ahead for the next 6 months. This forecasting allows us to ensure we're getting the best deal possible. As we continue to expand and improve our operations, we'll work hard to secure the most competitive prices in the market. This way, we can pass on the savings to our partners and ensure that everyone benefits from our growing efficiency and expertise.



Why Us

1. Extensive Experience:

With a wealth of experience in tubewell installation, we offer expertise you can rely on.

2. Comprehensive Record-Keeping:

We maintain detailed records of all completed wells and conduct periodic follow-ups to ensure ongoing operation and functionality, providing peace of mind for our clients regarding the longevity and reliability of our installations.

3. Tailored Solutions:

We collaborate closely with each client to deliver tubewells precisely tailored to their requirements and circumstances.

4. Commitment to Quality:

Our tubewells are crafted with durability and reliability in mind, ensuring enduring performance and client satisfaction.

5. Cost-Effectiveness:

We prioritize delivering value to our clients, offering competitively priced tubewell solutions without compromising on quality.

6. Exceptional Service:

Our dedicated team provides attentive and professional service, maintaining open lines of communication and prioritizing client needs throughout the project.

7. Environmental Responsibility:

We integrate eco-friendly practices into our tubewell installations, promoting sustainability and responsible water resource management.

8. Continuous Improvement:

Through ongoing evaluation and innovation, we continuously refine our processes to offer the most efficient and effective tubewell solutions to our clients.



As a nonprofit organization driven by the imperative to address pressing humanitarian needs, **VOICE OF NEED** stands ready to extend our expertise beyond tubewell solutions to a myriad of other critical projects. Our unwavering commitment to quality, sustainability, and community empowerment ensures that every endeavor we undertake leaves a lasting impact on the lives of those we serve.

Partner with us to not only address water access challenges but also to embark on a journey of transformative change across various humanitarian initiatives. Let us join hands in creating a brighter, more equitable future for all.

Reach out today to explore how **VOICE OF NEED** can collaborate with your community or project. Together, let's ignite hope and catalyze positive change that reverberates far beyond the boundaries of our immediate interventions.

***"O believers, Give of what We have provided for you."
(Al Quran - 2:254)***

Contact Us



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