



STATION OF MOBILE DRINKING WATER OPERATED BY THE ARMY MALAYSIAN AT THE SERVICE OF THE PEOPLE

Project of the Malaysian subsidiary, which followed a project requested by the Malaysian army: tactical drinking water treatment stations!

NEEDS IN MALAYSIA

For many years, the Malaysian peninsula has been suffering from heavy flooding. These last for months: from November to March in general.

Thousands of inhabitants had to be evacuated. Civil security, firefighters and the army help the population to move.

The Malaysian population affected by its floods is evacuated and placed in public places, gymnasiums, etc.

These places are not equipped to accommodate so many people. An essential resource is missing: drinking water.

But how do you get access to this resource for a limited time?

The Malaysian army had issued a tender for the need for tactical drinking water treatment plants. The latter must be mobile so that they can move them without constraints.

THE MOBILE DRINKING WATER TREATMENT PLANT: THE PRONAL SOLUTION

The Malaysian army was asking for a tailor-made solution. Pronal **having its own Design Office**, we were able to meet their expectations, meet their criteria and technical specifications in record time.

We have supplied **drinking water treatment plants on trailers**. This allows them to be mobile and moved without maintenance.

These mobile drinking water treatment plants will allow thousands of people to obtain supplies without constraint. They are equipped with a large filtration capacity. We supplied these stations with a capacity of **5000 liters of water per hour**.

Let us explain the system:

- Filtered water comes from rivers, ponds and flooded water.
- Upstream of the mobile drinking water treatment plant, at the end of a 25m long pipe, there is a nozzle that acts as a pre-filtration. This avoids swallowing all large waste (plastics, twigs, dead leaves etc ...)
- It then passes through our filtration system, connected to self-supporting tanks. In order to distribute clear and drinkable water, it goes through 3 levels of filtration (200 MICRON, 50 MICRON, 0.015µm).
- When the water is finally drinkable, it is distributed to the population and stored in flexible tanks intended for drinking water.



CONCLUSION ON OUR SOLUTION

Our drinking water treatment plants will be very useful for the Malaysian people in the next complicated months they will experience. We have provided the Malaysian army with tailor-made and turnkey solutions.

In addition, these drinking water treatment plants can be used on construction sites, etc.

