



CLEAN HEALTHY WATER

"We Clean Water, We Value Lives"



**MINISTRY OF HEALTH
& MEDICAL SERVICES**

COLONIAL WAR MEMORIAL HOSPITAL

**WATER TREATMENT PROPOSAL • WATER TANKS SERVICING REPORT
OFFICIAL WORKS QUOTATION**

THE CHEMICAL FREE OPTION

What is ozonation?

Ozonation is a proven, successful water treatment method that uses ozone gas to effectively disinfect water. Ozone will replace chlorine as the main disinfectant with The Clean Healthy Water Company, resulting in a higher quality finished water product for consumers. This investment in **ozonation** will improve Drinking Water by treating taste and odor impacts from algae growth, reducing chlorine-related byproducts and killing even more pathogens than chlorine

PURE WATER

Ozonation Leaves behind pure, High quality safe water, without by products left behind by other disinfectants.

OZONE DESTROYS CONTAMINANTS

the ozone seeks out and destroys contaminants in the water.

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EQUIPMENT & WATER CONTACT

Ozone is injected into the water as gas, from our state of the Art equipment, the Ozone Generator. The machine is directed by a Certified professional, in a controlled environment.

UNTREATED SURFACE WATER

Contaminants in water may Include bacteria, Viruses and algal by-products that impact taste and odor

OZONE GENERATION



adding an electrical spark to oxygen O_2 creates supercharged ozone O_3 molecules



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BULA VINAKA!

On behalf of The Clean Healthy Drinking Water Company, I would like to thank you for accommodating our presentation and considering the areas of your properties which will be Enhanced by our Product Services for the Hospitals Water System and Storage. We are confident that a partnership between CHWC and CWM will be a symbiotic relationship. Through our services and Unique Application, we will be able to work with your brilliant team in providing the safest, healthiest environment and services for your patients.

After the Walk-Through and Presentation on the 7th March 2022, our team has identified the areas of improvement, through treatment of the hospitals waterways and water tanks. Our services handle the very points stated above, with the sole mission and vision of providing the resources and access to CLEAN DRINKING WATER.

The World Health Organization states that over 200,000 families Fiji wide, still do not have access to CLEAN DRINKING WATER. We are a Social Enterprise, with a humanitarian responsibility to provide our Businesses, Communities, Villages and families with access with this basic human right.

During our marketing campaign “We Clean Water, We Value Lives” in 2020 - 2021, we have reached out to Communities, Schools and Villages. The access to clean healthy water remains a crucial need, and in conjunction with our services we go into communities with the goal of educating our people on the importance of clean drinking water. We were able to do this through the outreach and demonstrations of our services, and its effectiveness.

The COVID 19 Pandemic and its restrictions, brought the globe to its knees. Those that suffered most were the disenfranchised, which already needed assistance. The pandemic brought our projects and plans to a halt. With the Ministry of Health at the Forefront of the health and safety of our Nation, we felt that it would be prudent to wait until the situation had normalized before approaching the ministry with our services. We understand that Covid-19 and its repercussions have put immense strain on the ministry and its resources. We have also learned the virus is more controlled and the ministry will be able to focus on areas that may have been neglected with Properties, and Assets, that is in definite need of Attention, after the past two years. This is what we are here to offer, with our services. Our entire mission is to work in conjunction with existing entities in order to improve the quality of life for Fijians, or in this case more specifically patients.

As stipulated by the WHO, Less than two-thirds of hospitals providing surgical care in developing nations have access to a clean reliable water source. Governments and non governmental organizations should increase efforts to improve water infrastructure at the hospitals, which might aid in the provision of safe essential surgical care. Our uniquely designed equipment will clean the interior of your water tanks and storage with minimal water loss Our advanced Ozone system will sanitize & disinfect your tank below and above the waterline, safely without Chlorine products or chemicals and is immediately safe for consumption.



CLEAN HEALTHY WATER *"We Clean Water, We Value Lives"*

Our experienced crew, will clean your Tanks Safe and efficiently. We have specialized Equipments and Certified Ozone Technician on our Team, among our Licenced Plumber, Electrician and Engineer.

Ozoning raises the quality and standard of Drinking Water after our full process, and allows consistent supply to proper CLEAN DRINKING WATER as previously Stated in our presentation.

From General Research, as well as Practical Experience through works by our Team, it has been found that after standard treatment with Chlorine, Water Tanks and Public Water systems are assumed always to be bacteria-free. Public water systems are designed to deliver water that is safe to drink and to use for daily tasks like bathing and brushing your teeth, but most importantly, Drinking.

Bacteria and other components continue to contaminate households with public water. When this happens, residents and the general public is likely receive a boil water advisory to alert them that the water is not safe to consume. Enough Chlorine to actually Purify water and Kill Germs 100%, is Harmful the human body. Boiling water without the proper method and Timing, does Not Kill bacteria completely, and homeowners with Tank water often do not consider the need to keep their water bacteria-free. Without proper water treatment and maintenance, bacteria often enters homes through Tank water.

In comparison to these Facts, The Clean Healthy Water Company would like to Propose the Hospitals Consideration in Implementing our Services, and control the quality and Safety of Water that is circulated through ALL your Properties. Ozoning is proven a 100% effective and delivers a Unique technology for water disinfection that will create a SUSTAINABLE relationship with CWM through our Services. As part of the Companies stringent water-quality targets, Clean Healthy Water has invested in ozone treatment because it is the best alternative Unique to chlorine treatment.



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Our Team has Completed the Task, with the FIRST Water Tank Presented by your Department for the Ozoning Application at CWM, in demonstration of our Services. We have compiled data to Support our Proposal and Report. The water Testing Kits clearly states, the Bacterial Component in the Water. This same Tank is in Full use by Patients as well as Hospital staff in a daily Basis. Fortunately, it's relatively simple to ensure your water is safe to drink. With daily exposure, Water is vulnerable to common microorganisms that is found, and definitely more than meets the eye in your drinking water. The Clean Healthy understands the Water system infrastructure in Hospitals is, and how critical it is in providing a safe and reliable supply of water.

Testing is the only way to confirm what kind of bacteria is present and in what levels in the water supply. If your water tests positive for coliform bacteria, this may indicate a problem with your water system and there is potential for E. coli to grow. If you have a system to treat bacteria, part of the system may need to be repaired or maintained. Currently, the Hospital does NOT have a system, and should consider treating your water to ensure all potentially harmful bacteria are destroyed. These are purely general facts, and a neutral approach for your consideration.

Attached is our Internal water Test Kit results, together with our Submission to USP for official Lab Testing for bacteria, from water in the Water Tank, once results received will also submit to your Team, as soon as we acquire.

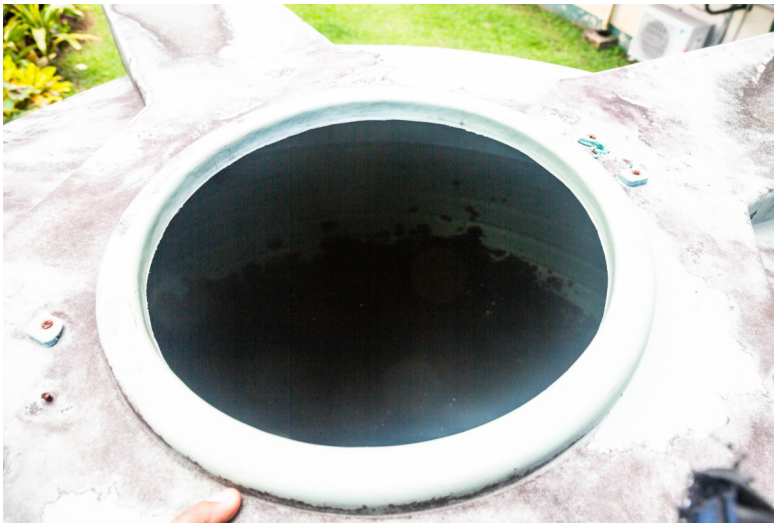
The Fiji Military Forces, Have accepted our Services, as Complex, Unique and the Safest. We are Incharge of all Masses and Hospitals Monthly Disinfecting, and Also the Maintenance of Tanks and ozoning of water at RFMF Black Rock, and Lololo Training Camps. We are able to provide references to support this as our most Prominent contract.

We would like to create a Partnership with the Ministry of Health, and as stated above, are the Very foundation of our Commitment to your Departments and Properties, Water Tank Maintenance and Water Treatment System.

As a social enterprise our Vision and Services Clearly Mirror the Mission of the Ministry of Health, **“Empowering to achieve Optimal health, through the delivery of cost effective, quality and inclusive health Services”**.

We understand the pressure that the Ministry faces from the public at large. All works conducted through our partnership including this Document will be **CONFIDENTIAL**, unless the ministry decides otherwise. We are optimistic our partnership with the ministry, will provide the Safety and Quality of Clean Drinking water, and more importantly, **better the lives of Fijians through the access to clean, healthy, safe drinking water.**





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COST FACTOR

As an initial Overhaul and works of Exterior for Tanks, and with the Initial First stage Clean and Vacuum process, we have compared the Life Time of the Tanks, with the Physical Presence of all Dirt and Dust, Mosquitoes, Algae and Fungus in its depth. Our Costing Process is Identified by Air Space of the Tanks, Multiplied by the Liters per Unit.

Phase 1 Works - 10c Per Liter (First Month Initial Works)

As per Total Water Tanks Listed for CWM, we are Looking at 216,600 Liters, among 19 Tanks, Including the Reservoir

Total Costing - \$21,660.00

Phase 1: Stage 2 - 6c Per Liter (2nd - 12th Month)

at this stage onward through our 12 Months, we are offering a discount of 6c.

Total Costing - \$12,996.00 Per Month

Please Note, Prices are VEP.

Attached is Official Quotations for Phase 1 of Our Project Works

Initial Overhaul of Exterior for Tanks, and with the Initial First stage Clean and Vacuum process.

NOTE:

PHASE 1

Attached is our Quotation for Works in the CWM Properties water Tanks after our Walk-through. This Process is recommended for circulation every 3 weeks. Preferably Every 23rd of the Month. This will be every 4th week of the Month.

With this Time frame, we ensure the elimination of Bacteria, in the Time its starts to form in the Tanks, from the last Maintenance. This option will create a data base with Forecasted Water Testing Dates, and allows consistency for your records and our Servicing.

PHASE 2

Report for CWM and Nadera Dialysis Wards, and the Filtration Systems we are able to offer, with their Quotations. We have also completed Survey for this area.

PHASE 3

CWM Hygiene Department Partnership - Daily Air and Surface Disinfection. With this, we would also like to Propose a Full time Service, based at the Hospital with a Timetable under a controlled environment. A separate report and Proposal will be submitted for this.