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GREEN CLIMATE FUND



Trade Fair on
Advanced & Appropriate Water Treatment Technologies
EXPRESSION OF INTEREST (EOI)
To Participate

Trade Fair on Advanced/Appropriate Water Filtration/Purification/Treatment Systems to Treat Water in Locations with Serious Water Quality Issues

The CRIWMP and WaSSIP aim to improve access to potable water by enhancing community-managed drinking water infrastructure including advanced filtration and treatment systems to treat available raw water resources to meet the drinking water quality standards. Presently, there are around 4,500 existing community managed Rural Water Supply (RWS) Schemes in Sri Lanka and out of those around 500 existing RWS schemes need improved or new water treatment systems to meet the appropriate water quality standards acceptable to the users.

There is a gap in the available technologies, hence there is a need for advanced and eco-friendly water treatment systems. Both CRIWMP and WaSSIP, aim to improve the existing and implement new community managed RWS schemes with treatment and also advanced water purification and treatment systems to meet the drinking water aspirations of the rural communities.

While WaSSIP operates in Badulla, Kegalle, Killinochchi, Monaragala, Mullativu, Nuwara Eliya, and Ratnapura districts; the CRIWMP covers the districts of Anuradhapura, Kurunegala, Mannar, Polonnaruwa, Puttlam, Trincomalee, and Vavuniya. The rural population in these districts need safe drinking water for their livelihoods. In addition, some of the areas within these districts, significantly lack safe drinking water, which also pose a high risk of Chronic Kidney Disease of unknown etiology (CKDu).

"Nature for Water" is the theme for World Water Day 2018; and therefore we need to showcase the potential of nature-based solutions for drinking water and how they can be considered for drinking water management and practices. This theme elaborates the importance to consider fully nature-based solutions, in parallel with alternative approaches, in water treatment technologies and practices.

The ground water and surface water sources used for these existing and proposed RWS schemes, are in various degrees of pollution from chemical and bacteriological pollutants. Therefore, it is a challenge to provide nature-based Advanced/Appropriate Water Filtration/ Purification/Treatment Systems solutions in areas where quality issues are particularly severe. These solutions should have minimum health impacts and also ensure nature-based sustainable management solutions.

With the advancement of Nano technology and other innovative but appropriate water treatment technologies; many new water treatment options have been developed both locally and internationally. Although some new products and technologies have emerged; there is an urgent need to promote these types of Water Filtration/ Purification/Treatment Systems to make avenues to meet the aspirations of the suffering communities.

With this objective, the CRIWMP and WaSSIP intend to jointly conduct a Trade Fair in parallel with the World Water Day 2018 Ceremony planned to be held in BMICH premises on 22nd March, 2018.



Interested local and international parties are requested to provide an EOI with relevant details including the following information to support their eligibility to participate in this Trade Fair; to reach by email to awandi.kohilawatta@undp.org on or before 23rd February, 2018.

- Name, address and contact information of the Interested party
- Name, qualifications and short description of the Company or the Interested party
- The technical details, brochures, data, pilot study results and data from full scale installations.

The submitted EOIs will be evaluated by a panel of experts and the accepted parties and firms will be officially invited to participate by first week of March, 2018. A 3.0m x 3.0m stall will be provided in BMICH premises to the accepted parties. Further details may be obtained by sending an email to awandi.kohilawatta@undp.org

Climate Resilient Integrated Water Management Project
(CRIWMP)
MINISTRY OF MAHAWELI DEVELOPEMNT
AND ENVIRONMENT
No. 500, T. B Jaya Mawatha
Colombo 10

Water Supply and Sanitation Improvement Project
(WaSSIP)
MINISTRY OF CITY PLANNING
AND WATER SUPPLY
"Lakdiya Medura", 35 Parliament Rd,
Sri Jayawardenepura