



13 December 2010

Request for Support:

Rehabilitation and Upgrading of Solar-Wind Powered Hybrid Potable Water System in Sitio Paang Bundok, Brgy. San Celestino, Lipa, Batangas

Dear Friends,

Greetings of Peace!

We, the community members of Sitio Paang Bundok, Brgy. San Celestino, Lipa City in partnership with SIBAT, would like to **humbly request for your support to rehabilitate and upgrade our solar-wind powered hybrid potable water system**. Your support in this endeavor will be highly appreciated.

May we briefly introduce the project's history and current status. It was in 2007 that the women-led Samahang Patubig ng Paang Bundok (SPPB), in partnership with 2 development NGOS --- namely Sibol ng Agham at Teknolohiya (SIBAT) and Women's Institute for Sustainable Economic Action (WISE-ACT), installed the solar-powered potable water system.

The project was operational for 3 years (2007 up to 2009) that provided ample water supply to the 85 families in sitio Paang Bundok, Brgy. San Celestino in Lipa, Batangas. These provided them with their water requirements - drinking, household water needs, backyard gardening and livestock raising. Unfortunately, in 2009, some of the main technical parts (electrical inverter) were accidentally hit twice by lightning that affected its over-all performance, hence the project is not operational up to this time.

SIBAT (www.sibat.org) as the main project partner, is an NGO working for the advancement of appropriate technology towards the strategic goal of establishing village level sustainable development all over the country. Specifically for this project, SIBAT has found the wind regime in Paang Bundok to be favorable for integrating small wind turbine with the rehabilitation and upgrading of the solar water pump project.

The proposed water system will be composed of an electric water pump powered by the 1,200 watts solar and a 1kW wind turbine hybrid system that will provide energy to pump water from the Paliparan spring located 60 meters below the community and for distribution to the 96 households with population of 435 individuals. The operations and maintenance aspect of the project will be **co-managed** by SPPB (management) and SIBAT (technology inputs and monitoring).

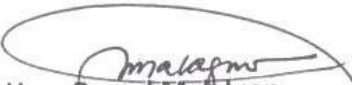
Thank you and looking forward to your most favorable response.

Respectfully,



Avelina M. Tolentino

SPPB Chairperson, Paang Bundok, San Celestino, Lipa


Hon. Romel Malaluan
Punong Barangay, San Celestino, Lipa


Victoria M. Lopez
Executive Director, SIBAT Inc.