

April 22, 2020

H.E. Yasir Abass Ali Minister of Irrigation Ministry of Irrigation Republic of Sudan Khartoum, Sudan

Ref No: 00422012020

Dear Sir,

Re: Financing and Execution of Solar irrigation

We are pleased to propose implementation of solar irrigation system that would complement the comprehensive plan to make Sudan bread basket of Africa. Sudan has all it takes; arable land, abundant water and required manpower age 15-54 (50.83%) of population. What is lacking is advanced technology and that is what we are proposing.

We propose for WORLDWATER and Solar Technologies of USA to undertake the project. To ease the burden on the government, all we would require from the government would be to issue guarantee for the finance we could facilitate for the project. In that scenario government would be just a coordinator that stands to create a significant difference in the lives of many millions without spending money from their budget at all. The loan amount facilitated from international financial institutions would be paid back from money collected from the farmers who are in the program annually after sell of harvest. How it works is: The mandated ministry, Ministry of Irrigation, will coordinate group of farmers with each group that consists of 1,000 smallholders with 3 hectare each. Each small-scale irrigation group will have a total of 3,000 hectares. We would be able to handle any number of groups the Ministry desires.

Likewise, we would also be able to handle any size of solar irrigation program for large scale mechanized agriculture whether it is government owned or any that exists under PPP basis.

As pricing of solar irrigation system depends on many factors including; depths of available water, type of crop and how many hours a day sun light is available in the area. Before installing the system, a feasibility study will be conducted for each geographical area going through each farm in the groups.

Attached, for your review, you will find documents on the work experience of the proposed solar irrigation implementing company.

We thank you for the opportunity and we stand by to hearing from you on the next course of action.

Yours faithfully,

Makda Adamu

Executive Director

Cc: Dr. Mutwakil Mahmoud

WorldWater & Solar Technologies