



CALL FOR PROFILES FROM CONTRACTORS FOR DESIGN AND INSTALLATION OF SOLAR POWERED WATER RETICULATION SYSTEM

Introduction

New Apostolic Church Relief Organization (NACRO) is a faith-based Non-Governmental Organisation (NGO). The organisation exists to help the needy and disadvantaged communities of different geographical and social backgrounds by implementing social and economic development projects. NACRO in Malawi works to accomplish its goal by most importantly mobilizing resources and contributing towards the reduction of poverty and improvement of livelihood which is its core mandate through various projects.

NACRO has received funding from BMZ and NAK-Karitativ of Germany for the implementation of a Water, Sanitation and Hygiene (WASH) project in Traditional Authority Kaduya in Phalombe District in Malawi. One of the scopes of the project includes development and installation of solar powered reticulated water system. In developing this system, the contractor shall ensure that the following steps are done:

- a) Identifying and developing suitable zones for the water supply systems to support the communities
- b) Determining system design capacity based on available water, topography, and pressures. Such system will consider minimum water requirement of 36 litres per person per day in relation to total inhabitants of the targeted communities
- c) Drawing plans for the main pipelines for the system and the water treatment system and installing them
- d) Identifying places where high yielding boreholes can be drilled and through submersible pumps supply water to storage tanks (5,000 to 10,000 litres tanks). Such boreholes to discharge a minimum of 0.9litres per second
- e) To locate where to place the storage tanks and solar panels within the system area
- f) To determine places where water points shall be installed in the communities

Contractors' Profiles

NACRO is therefore requesting interested registered water system and borehole drilling contractors who are in the category of over k30million and with renewed licences from NCIC, MERA and MRA. These contractors should be well specialised in the installation of solar powered water reticulation systems to submit their business profiles for possible engagement. The profiles should include experience in topography and hydrology surveys, borehole drilling works, successful solar powered community water reticulation systems that the organisation has done for the past four years, current technical, financial and human resource capacity, evidence of registration/licences with NCIC, MERA and MRA, a description of how the solar water pumping system works, a declaration that you shall demonstrate to the project team on

how the system works, referees and their contact details, and any other relevant information to support your organisation suitability to implement this project.

Submission

Submit your completed business profiles not later than **21st September 2022** through email, post or by hand to:

The Country Programs Coordinator
New Apostolic Church Relief Organisation
Area 14 Plot Number 22
P.O. Box 349
Lilongwe
Tel: 0999873013 or 0996198139
Email: cpc.malawi@nacroz.mz.com

Please indicate on the envelope the requested works as captioned above