



BOFAM FOUNDATION

FUNDING APPLICATION FORM

This form serves to collect essential data for the BOFAM FOUNDATION to consider support to your project

Applicant Information

1.	<p>Contact information (address, telephone, email, contact person)</p> <p>Madam Ama Akyea: Farm leader 024 7426616</p>
2.	<p>General Information Organization:</p> <p>Obaa Farms is owned by a group of 5 women in Amanten in the Bono East Region. We grow corn, cassava, beans and vegetables for sale. Since we started farming about 9 years ago, we have always relied on rain to cultivate our crops until recently when we have been able to raise some money to sink a borehole on the farm. Currently the borehole is not mechanized and as such we will still rely on the rains to feed water to our crops. This immensely decreases our rate of productivity.</p>

General Project Information

3.	<p>General description of the project (Location, Technology, Partners) [100 words]:</p> <p>This project is termed <i>Technology for Sustainability</i>, and will be located at Amanten in the Bono East Region. This project will benefit female farmers who grow maize, beans and vegetables seasonally with natural rains watering their crops and also using water from a borehole to manually water their crops.</p> <p>During the dry season we are unable to grow and harvest as many crops as expected due to inadequate rains with about 55% decrease in crop harvest. With this project water is assured through the use of solar water pump installed on the existing borehole and stored in a water tank.</p> <p>In addition, it will empower and encourage women into technologically based farming, something that has been touted as too advanced for women to handle in rural Ghana.</p>
	<p>Project Objectives:</p> <p>Increase in crop yield all year round Availability of water for farming even during the raining season Increase in incomes for the women farmers due to increase in crop yield</p>
	<p>Does the project involve women or marginalized groups?:</p> <p>The project is set mainly for women- encourage them in future mechanised farming</p>
	<p>Describe any identified project risks and how you intend to mitigate against it:</p>



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	<p>Use of electricity to pump water from the borehole: the cost associated with the use of electric pumps will be enormous on the farmers. Also frequent power cuts on farm has become a problem which is yet to be solved. Therefore to be able to effectively use water from the bore-hole, we have to acquire a solar water pumping system through donor support.</p>														
4.	<p>Expected project results and impact:</p> <p>For this project, the availability of water for farming increases crop yield while protecting against famine and helping to cultivate superior crops with the water supply as per need of the crops.</p> <p>The women who will benefit are assured of a more sustained incomes and livelihood through all year round farming. With sustained yield, it will enable them acquire loans from financial institutions to expand their farms because they are assured of a good harvest to sell and repay their loans. Also their children will be able acquire basic formal education as thier mothers will now be able to pay for thier school fees and other learning materials.</p>														
	<p>How will the project be sustained (Future of the farm)?</p> <p>The women farmers will be made to contribute an amount of money per every sale they make on crops. This will be deposited in a savings account which has already been opened in the name of the group. The money will be used for the periodic maintenance of the solar water pumps, purchasing of more seeds for planting as well as fertilizers for the crops. We also intend sell some of the water to nearby farmers and top it up by taking a loan from the bank to purchase an irrigation system. This is possible in the near future because with the installation of a solar water pump, all year production is assured and our incomes from crop sales will triple. Nearby farmers will also be willing to buy water from our farm.</p>														
5.	<p>Project Duration and Activity time lines:</p> <ul style="list-style-type: none"> a. Sensitization of female farmers on how the solar water pump works – 1 day b. Acquisition of solar water pumps and all accessories – 1 week c. Installation of solar water pump and water storage tank – 1 week d. Handing over – 1 day 														
	<p>Project Budget</p>														
6.	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Item</th> <th style="width: 40%;">GHC</th> </tr> </thead> <tbody> <tr> <td>Grundfos Pump</td> <td style="text-align: right;">11,215</td> </tr> <tr> <td>Well head</td> <td style="text-align: right;">200.00</td> </tr> <tr> <td>Adaptors</td> <td style="text-align: right;">40.00</td> </tr> <tr> <td>32mm PE pipes</td> <td style="text-align: right;">300.00</td> </tr> <tr> <td>Termination kits</td> <td style="text-align: right;">150.00</td> </tr> <tr> <td>Nylon rope</td> <td style="text-align: right;">100.00</td> </tr> </tbody> </table>	Item	GHC	Grundfos Pump	11,215	Well head	200.00	Adaptors	40.00	32mm PE pipes	300.00	Termination kits	150.00	Nylon rope	100.00
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Metal enclosure	200.00
Pump cable	1,000.00
Sub Total	13,205.00
Solar array	
4 x 250Wp Solar panels	2,600
PV cable	600
Array structure	1,000
Other accessories	500
Subtotal GHC	4,700
Water Storage Tank	
Rambo 500	3,500
PVC pipes and taps	200
Subtotal GHC	5,200
To be provided by beneficiary:	
Transportation for installer and materials	
Food	
Accommodation	
Total = 1,500 + 5,200 + 4,700 +13,205 = GHC21,605	
7.	



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wWomen working on their beans farm



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farm installed solar water pump where the women can now fetch water to for their crops

Signature of applicant:

Ama Akyea

Date: May 11 2020