**Project Title**: Wetland Mangroves plantation and Conservation

**Project Summary:**

ROSI Foundation has been involving in environmental activates since the last 20 years. It had partnership with Govt of India, Give India, Social Forest Department and Global Giving Foundation. Tribal people and costal community are main target people in environmental programme. Renewable energy-solar lights implementation in 25 tribal villages is major program in objectives of avoiding Grid Electricity and its impact in to forest. Forest promotion, Biodiversity conservation and ecological development toward sustainable are main activities through participation approaches. We have planted 1,10,000 Mangroves in the coastal area and 10000 people were motivated.

Especially Previous experience and success of Mangroves plantation and conservation, 1000000 mangroves are to be planted in Coastal of Bay Bengal in Tiruvarur, Thanjavure, Pudukkottai and Nagapattinam districts as 2nd phase in next 3 years. 200000 coastal community as fishermen, students and environmental groups will be motivated in plantation, caring and conservation of mangroves. These areas are stretched continuously by 110 KM with strong coastal community such fishermen, farmers, saltpan workers, etc.

**Problem existed :**

In the experience of Tsunamai in 2006 and recent cyclones’ hit, coastal people were severely affected and they now are realizing that it could be averted if Mangrove existed there. Because the disaster was prevented from its severe destruction where it existed. Practically it is proved. Further lack of awareness among publics on importance and impact of mangroves existing and new planting. Rural people are cutting and using as firewood. This is big issue in the area.

**Need of the project :**

ROSI Foundation is promoting motivation among farmers, students and coastal communities on existing mangroves conservation at Nagapattinam district. Nursery for mangroves is being promoted in point calimere in Coastal of Tamil Nadu (Bay Bengal).

It is an urgent need for conserving the existing Mangroves and then new area creation as mangroves forest area. Thousand of flora fauna existence/creation should be promoted.

**Objective of the project :**

To motivate coastal communities in plantation and conservation works.

To avert cutting and consumption of mangroves as firewood

To protect 85 coastal villages from the destruction of Cyclone, Tsunami and other disaster.

To create 110 Km stretched Mangroves forest in Bay of Bengal

**Activities to be implemented :**

1000000 mangroves are to be planted in Coastal of Bay Bengal in Tiruvarur, Thanjavure, Pudukkottai and Nagapattinam districts as 2nd phase in next 3 years.

200000 coastal community as fishermen, students and environmental groups will be motivated in plantation, caring and conservation of mangroves.

**Results :**

It will maintain coastal eco-system with safe breeding and habitation of fishes, birds, clams, mollusks and specie. One hectare mangroves absorb 32 metric tons of CO2 and prevent from Tsunami and cyclone disasters destruction.

The existing mangroves are cut for firewood that will have been stopped.

**Impact of the project**

Coastal people are being now free of disaster and its destruction because mangroves will stop them in the areas where it is growing. Sustainable prevention of disaster and coastal ecological development will be existed. 1000 of fauna flora will have breeding and safe habitation. It will resist the impact and serious damage of climate changes for Globe. It absorbs more CO2 and so reduces green gas effect

**Budget:**

|  |  |  |
| --- | --- | --- |
| **Expense Head** | **Break - up** | **Total in INR** |
| Saplings | 10,00,000 x Rs 10 =1,00,00,000 | 1,00,00,000.00 |
| Planting cost | 1000000 x Rs 1 =10,00,000 | 10,00,000.00 |
| Watering and maintenance | 3 organizers x 36 months x Rs 6000 = 2,16,000  one coordinator x 36 months x Rs 10000 = 3,60,000 | 2,16,000.00  3,60,000.00 |
| Travelling and other expense  Reporting works | 36 months x Rs 10000 = 3,60,000 | 3,60,000.00  50,000.00 |
| Total | | 1,19,36,000.00  (USD 59000.00) |