

Basic Information

Grant title

Mangroove Plantation

Type of Project

Humanitarian Project

Address community needs and produce sustainable, measurable outcomes

Primary Contacts

Name	Club	District	Sponsor	Role
Ashok Agrawal	Calcutta-Mahanagar	3291	Club	Host
Chehab El Awar	Las Vegas WON	5300	Club	International

Committee Members

Host committee

Name	Club	District	Role
Manish Biyani	Calcutta-Mahanagar	3291	Secondary Contact
Shyam Modi	Calcutta-Mahanagar	3291	Secondary Contact

International committee

Name	Club	District	Role
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Do any of these committee members have potential conflicts of interest?

No

Project Overview

Tell us a little about your project. What are the main objectives of the project, and who will

benefit from it?

This project aims to restore mangrove ecosystem while creating new economic opportunities for the local community of Sundarban, 24 Parganas (S), WestBengal, India. It integrates agro-aqua farming systems that take care of both livelihood security of the poor coastal families and ecological security of the coastal area. The restoration of mangrove forests by practicing Integrated Mangrove – Shrimp (IMS) aquaculture can help reduce greenhouse gas emissions as these trees are highly efficient in capturing and storing carbon. The project focuses on increase in mangrove area which helps maintain biodiversity as mangroves provide nursing grounds for a number of aquatic species and are home to numerous animal species. The project also aimed to destroy plastics for environmental sustainability. The project plans to directly impact lives of more than 40 villages living in critical terrain facing environmental and livelihood challenges at the same time

20 villages in two Gram Panchayats = 40 villages @ 2000-5000 people per village i.e 200,000 people
CAG Leaders = 10 leading 10 members
Each CAG Leader will create beneficiary groups in each village
The awareness campaigns will also be undertaken by the CAG Leaders

GOALS

1. Create Community Action Groups in 2 Gram Panchayats which comprise of 20 villages each (approximately 2000 people per village) in 24 Parganas North and South districts of West Bengal India
2. Year 1-3: CAG will select beneficiaries for training and running Apiaries as income generating model - Target 300 in 3 years
3. Year 1-3:CAG will create extensive awareness of embankment protection, plastic menace to mangroves and importance of mangroves. This will be 20% of the project focus
4. Year 1-3: Creating a plastic brick making unit (4) to generate income to sustain the CAG activities as well as create a way to reduce plastic waste which increased in area after disaster relief (3). The economics of plastic waste conversion becomes impracticable with distance
5. Year 2-3: Nurseries of Nypa fruticans, the only palm that grows in mangroves has reduced drastically in the Indian side of Sunderbans. This palm has medicinal and other uses and can be used to strengthen embankments. Nurseries of Nypa and Phoenix sylvestris which also has a moderate to high salt tolerance is planned to strengthen embankments as well as community resource.
6. Using Partners up-skilling programs, CAG members will be given opportunities to become entrepreneurs after the 3 year pilot program.
7. The program will be handed over to the CAG at the end of project period. Brick making unit and apiaries will be able to sustain the CAG.

Areas of Focus

Which area of focus will this project support?

Community economic development

Measuring Success

Community economic development

Which goals will your activity support?

Building the capacity of local leaders, organizations, and networks to support economic development in poor communities; Developing opportunities for productive work and improving access to sustainable livelihoods; Strengthening communities' economic resilience and adaptive capacity in response to environmental and climate-related hazards and natural disasters;

How will you measure your project's impact? You need to include at least one standardized measure from the drop-down menu as part of your application.

Measure	Collection Method	Frequency	Beneficiaries
Awareness & Training programs in villages on importance of mangroves	Direct observation	Every six months	100-499
CAG leaders undertake awareness campaigns about plastic and its effects on water, mangrove roots, animals, micro plastics in schools and colleges	Direct observation	Every six months	100-499
Apiaries Training - Set up and cluster membership in moving bee boxes across regions to create continual supply of honey	Direct observation	Every six months	50-99
Develop nurseries for Nypa fruticans, along with the Mangrove date palm (near threatened) which provide a thick natural protection to the embankments	Direct observation	Every six months	100-499
Number of individuals trained	Direct observation	Every six months	50-99

Do you know who will collect information for monitoring and evaluation?

Yes

Name of Individual or Organization

RC Calcutta Mahanagar and Bandhan

Briefly explain why this person or organization is qualified for this task.

Bandhan is working in this field for a long term...

Location and Dates

Humanitarian Project

Where will your project take place?

City or town

South 24Parganas- Sundarban

Country

India

When will your project take place?

2022-06-15 to 2025-05-14

Province or state

West Bengal

Participants

Partners (Optional)

List any other partners that will participate in this project.

Rotarian Participants

Describe the role that host Rotarians will have in this project.

- Visits to sites in an interval
- Collection of report and compilation
- Publication of best practices and reports
- Coordination with local bodies, NGOs and International partners

Describe the role that international Rotarians will have in this project.

- Visits to sites when in India
- Publication of best practices and reports
- Coordination implementing partners
- Arrangement of necessary funds

Budget

What local currency are you using in your project's budget?

The currency you select should be what you use for a majority of the project's expenses.

Local Currency	U.S. dollar (USD) exchange rate	Currency Set On
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What is the budget for this grant?

List each item in your project's budget. Remember that the project's total budget must equal its total funding, which will be calculated in step 9. Every global grant includes a match of at least \$15,000 from The Rotary Foundation's World Fund. Project budgets, including the World Fund match, must be at least \$30,000.

#	Category	Description	Supplier	Cost in	Cost in USD
Total budget:					

Funding

Tell us about the funding you've secured for your project. We'll use the information you enter here to calculate your maximum possible funding match from the World Fund.

#	Source	Details	Amount (USD)	Support*	Total

*Whenever cash is contributed to the Foundation to help fund a global grant project, an additional 5 percent is applied to help cover the cost of processing these funds. Clubs and districts can receive Paul Harris Fellow recognition points for the additional expense.

How much World Fund money would you like to use on this project?

You may request up to 0.00 USD from the World Fund.

Funding Summary

Total funding:

Total budget:

Sustainability

Humanitarian Projects

Project planning

Describe the community needs that your project will address.

How did your project team identify these needs?

How were members of the benefiting community involved in finding solutions?

How were community members involved in planning the project?

Project implementation

Summarize each step of your project's implementation.

Do not include sensitive personal data, such as government ID numbers, religion, race, health information, etc. If you include personal data, you are responsible for informing those whose personal data is included that you are providing it to Rotary and that it will be processed in accordance with Rotary's [Privacy Policy](#).

#	Activity	Duration
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Will you work in coordination with any related initiatives in the community?

Please describe the training, community outreach, or educational programs this project will include.

How were these needs identified?

What incentives (for example, monetary compensation, awards, certification, or publicity), will you use, if any, to encourage community members to participate in the project?

List any community members or community groups that will oversee the continuation of the project after grant-funded activities conclude.

Budget

Will you purchase budget items from local vendors?

Did you use competitive bidding to select vendors?

Please provide an operations and maintenance plan for the equipment or materials you anticipate purchasing for this project. This plan should include who will operate and maintain the equipment and how they will be trained.

Describe how community members will maintain the equipment after grant-funded activities conclude. Will replacement parts be available?

If the grant will be used to purchase any equipment, will the equipment be culturally appropriate and conform to the community's technology standards?

After the project is completed, who will own the items purchased by grant funds? No items may be owned by a Rotary district, club, or member.

Funding

Does your project involve microcredit activities?

Have you found a local funding source to sustain project outcomes for the long term?

Will any part of the project generate income for ongoing project funding? If yes, please explain.

Authorizations

Authorizations & Legal Agreements

Legal agreement

Global Grant Agreement – India - to be authorized by the primary contacts and club presidents (or DRFC chairs if district-sponsored)

This Global Grant Agreement (Agreement) is entered into by The Rotary Foundation of Rotary International (TRF), Rotary Foundation (India) (RF(I)), and the grant sponsors (Sponsors). In consideration of receiving this Rotary Foundation Global Grant (Grant) from TRF, the Sponsors agree that:

1. All information contained in this application is, to the best of our knowledge, true and accurate.
2. We have read the Terms and Conditions for Rotary Foundation District Grants and Global Grants (Terms and Conditions) and will adhere to all policies therein.

3. The Sponsors shall defend, indemnify, and hold harmless RF(I), Rotary International (RI), and TRF, including their directors, trustees, officers, committee members, employees, agents, associate foundations and representatives (collectively Rotary), from and against all claims, including but not limited to claims of subrogation, demands, actions, damages, losses, costs, liabilities, expenses (including reasonable attorney's fees and other legal expenses), awards, judgments, and fines asserted against or recovered from Rotary arising out of any act, conduct, omission, negligence, misconduct, or unlawful act (or act contrary to any applicable governmental order or regulation) resulting directly or indirectly from a Sponsor's and/or participant's involvement in grant-funded activities, including all travel related to the grant.
4. The failure of the parties to comply with the terms of this Agreement due to an act of God, strike, government regulation, war, fire, riot, civil unrest, hurricane, earthquake, or other natural disasters, acts of public enemies, curtailment of transportation facilities, political upheavals, civil disorders, outbreak of infectious disease or illness, acts of terrorism, or any similar cause beyond the control of the parties shall not be deemed a breach of this Agreement. In such an event, the Agreement shall be deemed terminated and the Sponsors shall refund to RF(I)/TRF all unexpended global grant funds within 30 days of termination.
5. RF(I)/TRF's entire responsibility is expressly limited to payment of the total financing amount. RF(I) and TRF do not assume any further responsibility in connection with this grant.
6. RF(I) and TRF reserve the right to cancel the grant and/or this Agreement without notice upon the failure of either or both of the Sponsors to abide by the terms set forth in this Agreement and the Terms and Conditions. Upon cancellation, RF(I)/TRF shall be entitled to a refund from the Sponsors of any global grant funds, including any interest earned, that have not been expended.
7. The laws of the State of Illinois, USA, without reference to its conflicts of laws principles, shall govern all matters arising out of or relating to this Agreement, including, without limitation, its interpretation, construction, performance, and enforcement.
8. Any legal action brought by either party against the other party arising out of or relating to this Agreement must be brought in either, the Circuit Court of Cook County, State of Illinois, USA or the Federal District Court for the Northern District of Illinois, USA. Each party consents to the exclusive jurisdiction of these courts, and their respective appellate courts for the purpose of such actions. Nothing herein prohibits a party that obtains a judgment in either of the designated courts from enforcing the judgment in any other court. Notwithstanding the foregoing, RF(I)/TRF may also bring legal action against Sponsors and/or individuals traveling on grant funds in any court with jurisdiction over them.
9. This Agreement binds and benefits the parties and their respective administrators, legal representatives, and permitted successors and assigns.
10. If any provision of this Agreement is determined to be illegal, invalid or unenforceable, the remaining provisions of this Agreement shall remain in full force and effect.
11. Sponsors may not assign any of its rights under this Agreement except with the prior written consent of RF(I)/TRF. Sponsors may not delegate any performance under this Agreement without the prior written consent of RF(I)/TRF. Any purported assignment of a Sponsor's rights or delegation of performance without RF(I)/TRF's prior written consent is void.
12. RF(I)/TRF may assign some or all of its rights under this Agreement to an associate foundation of TRF. RF(I)/TRF may delegate any performance under this Agreement to an associate foundation. Any other purported assignment of RF(I)/TRF's rights or delegation of performance without the Sponsors' prior written consent is void.
13. Sponsors will comply with all economic and trade sanctions, including those implemented by the Office of Foreign Assets Control (OFAC) of the United States Department of Treasury, and will ensure that they do not support or promote violence, terrorist activity or related training, or money laundering.
14. This Agreement constitutes the final agreement between the parties. No amendment or waiver of any provision of this Agreement shall be effective unless it is in the form of a writing signed by the parties.

15. Rotary may use information contained in this application and subsequent reports for promotional purposes, such as in The Rotarian, in Rotary Leader, on rotary.org and on social media. For any and all photographs submitted with any application or follow-up report, the Sponsor hereby grants to Rotary an unlimited, perpetual, worldwide right and license to use, modify, adapt, publish, and distribute the photograph(s) in any media now known or hereafter devised, including but not limited to, in Rotary publications, advertisements, and Websites and on social media channels. The Sponsor represents and warrants that a) each adult appearing in the photograph(s) has given her/his/their unrestricted written consent to the Sponsor to photograph them and to use and license their likeness, including licensing the photograph(s) to third parties, b) the parent or guardian of each child under age 18 or each person who lacks legal capacity appearing in the photograph(s) has given unrestricted written consent to the Sponsor to photograph the child or individual and to use and license their likenesses, including licensing the photograph(s) to third parties, and c) it is the copyright owner of the photograph(s) or that the copyright owner of the photograph(s) has given the Sponsor the right to license or sublicense the photograph(s) to Rotary..

16. Privacy is important to Rotary and any personal data your Sponsor shares with Rotary will only be used for official Rotary business. The Sponsor should minimize the personal data of Grant beneficiaries that it shares with RF(I)/TRF to only personal data that RF(I)/TRF specifically requests. Personal data you share will be used to enable your Sponsor's participation in this Grant process, to facilitate your Sponsor's Grant experience and for reporting purposes. Personal data you provide when applying for a Grant may be transferred to Rotary service providers (for example, affiliated entities) to assist Rotary in planning Grant-related activities. By applying for a grant, the Sponsor may receive information about the Grant and supplementary services via email. For further information about how Rotary uses personal data, please contact rotarysupportcenter@rotary.org. Personal data collected on this form is subject to [Rotary's Privacy Policy](#).

17. The Sponsors agree to share information on best practices when asked, and RF(I)/TRF may provide their contact information to other Rotarians who may wish advice on implementing similar activities.

18. The Sponsors will ensure that all individuals traveling on grant funds have been informed of the travel policies stated in the Terms and Conditions and have been made aware that they are responsible for obtaining travel insurance.

19. The Agreement is an "electronic record" as defined in the Information Technology Act (2000) of India and is in accordance with The Rotary Foundation Code of Policies. This electronic record is generated by a computer system and is submitted electronically and does not require any physical or digital signatures. The domain name www.Rotary.org is owned by Rotary International, a company incorporated in Illinois, USA.

Primary contact authorizations

Application Authorization

By submitting this global grant application, we agree to the following:

1. All information contained in this application is, to the best of our knowledge, true and accurate, and we intend to implement the activities as presented in this application.
2. The club/district agrees to undertake these activities as a club/district.
3. We will ensure all cash contributions (as detailed in the grant financing) will be forwarded to The Rotary Foundation (TRF) or sent directly to the global grant bank account after Trustee approval of the grant.
4. Rotary International (RI) and TRF may use information contained in this application to promote the activities by various means such as The Rotarian, the RI international convention, RVM: The Rotarian Video Magazine, etc.
5. We agree to share information on best practices when asked, and TRF may provide our contact information to other Rotarians who may wish advice on implementing similar activities.

6. To the best of our knowledge and belief, except as disclosed herewith, neither we nor any person with whom we have or had a personal or business relationship are engaged, or intend to engage, in benefiting from TRF grant funds or have any interest that may represent a potential competing or conflicting interest. A conflict of interest is defined as a situation in which a Rotarian, in relationship to an outside organization, is in a position to influence the spending of TRF grant funds, or influence decisions in ways that could lead directly or indirectly to financial gain for the Rotarian, a business colleague, or his or her family, or give improper advantage to others to the detriment of TRF.

All Authorizations & Legal Agreements Summary

Primary contact authorizations

Name	Club	District	Status
Ashok Agrawal	Calcutta-Mahanagar	3291	
Chehab El Awar	Las Vegas WON	5300	

District Rotary Foundation chair authorization

Name	Club	District	Status
Anirudha Roy Chowdhury	Calcutta Mega City	3291	
Mark Mariscal	Altadena	5300	

DDF authorization

Name	Club	District	Status
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Legal agreement

Name	Club	District	Status
Ashok Agrawal	Calcutta-Mahanagar	3291	