

Future Vision Plan

Club Led, Global Grant Proposal

1. The host partner is a District

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Club: Madurai Metro

2. The international partner is a Club

Primary International Contact Information:

Last Name:
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Club:
District:

3. Please describe the benefiting community including its location, using any relevant geographic and demographic information.

a The benefitting community is the residents of a small village named Thirumaalpuram, located in the Madurai District within the State of Tamil Nadu, India. There are estimated to be around 1500 households with a population of around 7000 people in this village, which is about 11 Kms from the heart of Madurai City. Of this, women & children constitute almost 65%. The population is a mix of working class, laborers and farming community.

b Rural schools in District 3000

4. What community needs have been identified?

a One of the needs identified are with regard to the disposal of the garbage. Currently the collection is done by the local 'Panchayat' administration, which is unable to, not only collect the garbage on a regular basis but also not able to dispose the same in a proper manner. The residents dump the garbage to their convenience and they are burnt along with all types of wastes including plastic resulting in serious pollution of air, soil & water. The immediate need is to establish a self-sustaining model to collect and dispose the solid waste in a befitting manner.

b Many schools do not have proper sanitation facilities and children especially adolescent girls have to undergo phenomenal embarrassment and hardship during class hours. The pressing need here would be to provide these schools with proper wash rooms

5. How are these needs currently being addressed with local resources and/or government agencies, NGOs, etc.?

- a As explained above, the collection & disposal of garbage is done by the local panchayat which is ineffective. No other agencies/NGOs are currently involved.
- b The boys ease themselves in the open and girls use makeshift toilets that often prove to be very unhygienic..

6. Briefly summarize the proposed activity in 250 words or less, including the need it will address, the intended beneficiary(ies), and the potential benefits to the community.

- a Solid waste generated in cities and villages have increased manifold over the last few decades. This includes biodegradable & non-biodegradable wastes. Recent years have seen a steep increase in indiscriminate use of plastics without a proper recycling infrastructure, which has resulted in degradation of the natural environment. Ineffective garbage handling system has meant that there is indiscriminate dumping & burning of garbage in residential neighborhoods and agricultural/open lands closer to water bodies. This has resulted in highly unhygienic environment contaminating soil, water & air.

The only way out is installing a **self-sustaining** model for garbage collection, segregation and disposal for every community. Rotary Club of Madurai Metro of Rotary District 3000 proposes to set up such a system in a village as a model that can be emulated by every other community, through the Global Grants Model. To this end, we have identified a village by name Thirumaalpuram in the outskirts of the City of Madurai (11 Kms) where an RCC initiated by the club is very active.

In this regard, we have already planned for creating awareness among the population starting from the youngsters in schools. We intend to conduct essay competition, painting competition & debates in the topic of environmental hazards arising out of reckless garbage disposal. This will culminate in a rally conducted by the students and the members of the RCC as well as the 'Ilaignar Narpani Manram', which will pass through all the streets in the village along with distribution of pamphlets in the local vernacular Tamil. Mr. Mathuram, Chief Engineer will address the gathering on the benefits of project once again. The project will then be executed in the allotted area within 150 days. On the sidelines, during this period, the routes for garbage collection, appointment & training of the laborers etc will be completed.

- b It is proposed to help the children of three schools by constructing proper clean and hygienic washrooms.

7. Please list any cooperating organization(s) or university(ies) involved in the proposed activity(ies).

- a The organizations to be involved other than the Rotary Club of Madurai Metro are, the local Panchayat, providing the land required for the project, the local RCC as well as youth organization called "Ilaignar Narpani Manram" who are involved with the Rotary club of Madurai Metro in executing and monitoring the various projects undertaken, on a regular basis. The members of these two organizations are the residents of this village. Further, Mr. Maduram, Executive Engineer, Corporation of Madurai is currently heading the team who are commissioning a similar project (executed by the Corporation of Madurai) in a much larger scale for the Madurai City itself. He is a resident of this village and has assured of his unstinted

support with regard to understanding the projects, its execution and also the expertise required during the operation as well as marketing the manure.

b There is no need for ant cooperating agency.

8. Describe how the benefiting community will be involved in the activity(ies). Provide specific examples.

a The RCC & the 'Ilaignar Narpani Mandram' have a membership of about 100 youths who are the residents of the village and are involved in executing various projects for benefit of the local population, both independently and with the help of Rotary. They will be involved in the various steps of the project, starting from creating the awareness further, among the residents with regard to the importance of following the best practices in solid waste disposal. Action has already been initiated in this direction.

b The benefitting community would only use the washrooms and would not be involved otherwise.

9. Has the benefiting community confirmed that it would like the activity(ies) to take place?

Yes

10. With which area(s) of focus is the proposed activity aligned? Check the box(es) that apply.

- Peace and Conflict Resolution
- Disease prevention and treatment
- Water and sanitation
- Maternal and child health
- Basic education and literacy
- Economic and community development

11. Please describe how the activity(ies) will address the goal(s) of the area(s) of focus.

a Disease prevention and treatment

The reckless dumping of garbage is a good breeding ground for disease causing organisms and since they are thrown in open places, stray animals like dogs & pigs act not only like scavengers but also become vectors to transmit diseases to wherever they go. The implementation of this project ensures proper collection and disposal of the solid waste thereby preventing diseases from spreading into the community.

Water and sanitation

The current practice of dumping includes hazardous wastes like batteries that contain poisonous lead, plastic materials and so on. This pollutes the soil. When it rains, these hazardous materials percolate into the groundwater, which is consumed by the population.

b Water and sanitation

The sanitation facilities for school going children would be improved by this project.

Basic education and literacy

Some parents stop sending their girls to schools when they attain puberty due to the lack of sanitation facilities. When this facility is provided to the schools, education is made possible for even these girls.

12. What will be the immediate and long-term outcomes of the activity(ies)?

- a Immediate benefit is clean surroundings and low level pollution of air, land and water. The burning of the garbage along with plastic materials releases a very poisonous smoke containing the pollutant dioxin, whose effects are long lasting. It is said that it takes many centuries for dioxin to breakdown and it is associated with ovarian dysfunction, lower sperm count and so on. It is can even be transmitted from mother to child during pregnancy and nursing.
- b The immediate outcome would be providing school going children dignity and the long term outcome would be increased attendance at schools.

13. Explain how all involved parties will act to ensure the sustainability of the activity(ies).

- a The day to day activities will be monitored by the Plant In-charge, supported by the RCC, Ilaingar Narpani Manram and overseen by the Local Administration (Panchayat) as well as the Project Co-ordinator of the Rotary Club of Madurai Metro. The marketing of the manure produced will be the responsibility of RCC & Ilaingar Narpani Manram. Members of Rotary Club of Madurai Metro will also offer their helping hand in promoting the sale of manure.
- b The school management and the parent teacher association in the respective school would take care of the maintenance of the toilet, thereby ensuring its sustainability.

14. Proposed Start Date: As soon as funds are available

15. Proposed Completion Date: Two months from the date of commencement

16. Proposed Budget (in US\$) @ 1USD = 44 INR

District Developed Global Grant	Amount
WASTE DISPOSAL	2,000,000.00
WASHROOMS (INR 350,000 x 3)	1,050,000.00
TOTAL PROJECT COST	3,050,000.00
PROJECT COST IN US\$	69,000.00

17. Proposed Financing (in US\$)

D 5340 DDF Amount	\$ 12,000
D 5340 Cash Contributions	\$ 6,000
D 3000 DDF	\$ 9,000
D 3000 Cash	\$ 12,000
Requested TRF Match	\$ 30,000
Total Financing in US\$	\$ 69,000

