

OBJECTIVES

WELCOME TO THE GLOBAL GRANT APPLICATION

Your application has been assigned the reference number GG1525892 , which you can use for tracking and when communicating with The Rotary Foundation or colleagues.

PLANNED ACTIVITIES

In a few short sentences, tell us your objectives for this global grant.

- Prevention and early detection of common cancers (breast, cervix, endometrium and ovary) in women
- Detection of common metabolic disorders (eg., diabetes, cholesterol and thyroid) in women

Who will benefit from this global grant? Provide the estimated number of direct beneficiaries.

Women aged 25 to 80 years. On an average 800 to 900 women in the state of Tamil Nadu, South India will benefit per month.

Which of the following activities will this global grant fund?

Humanitarian project

Humanitarian Project

Where will your project take place?

Community: Districts in and around Chennai

City or Village: Chennai

Country: India

When do you anticipate your project will take place?

From:2015-01-15 **Until:** 2022-01-14

Outline your project implementation schedule.

No.	Activity	Duration
1:	Placed order and receive fully equipped Bus	4 months

SUSTAINABILITY

What community needs will your project address and how were these needs identified? Provide any relevant data or survey results

Cancer has become an important Public Health Problem in India with over 800,000 new cases occurring every year, and is one of the ten leading causes of death in India. At any point of time, it is estimated that there are nearly 2.5 million cases in the country with nearly 400,000 deaths occurring due to cancer. Cancer incidence in India is estimated to be around 70-90 per 100,000 population. Cancer registries have also highlighted that more than 80% of cancer in females occur in the age group of 35-64, and 3.5% to 4.5% in childhood, thereby suggesting the impact of cancer as a major public health problem in the most productive age group. Some more statistics on cancers related to women are given below:

- 70% to 80% of cervical cancer in the world is in developing countries, out of which India accounts for 25%. Every hour 7 to 8 women lives are lost to cervical cancer in India.
- Every 25 to 28 mins, one female life is lost to breast cancer, and these numbers are increasing. In India, 100,000 to

District Number 5840 (Qualified)

1,40,000 women are affected every year and about 60 to 70,000 lives are lost purely because of late diagnosis. By 2020, WHO estimates that deaths due to breast cancer will more than double. This incidence and the number of deaths due to these causes should be reduced.

Detail how your project will address these community needs.

The main issues faced with the community are ignorance, neglect, cost, fear and lack of motivation to participate in screening programs.

The not-for-profit, mobile breast cancer and cervical screening program will offer the following to the women of the community, at their doorstep:

- Identification of the target population (women between 25-80 years) in the community
- Conducting awareness programs (Advocacy)
- Educating the community on the causative factors of these cancers, and training to identify symptoms
- Conducting screening examination
 - o History - Family history of cancer to know the individual risk
 - o Clinical – Body mass index for Obesity; Hypertension, Anaemia, Diabetes, Thyroid disorders
 - o Blood testing – for the above disorders as well as Cholesterol
 - o Cervical smear – Pap smear for cervical cancer
 - o Sonomammography – Ultrasound screening for breast, cervical, ovarian & endometrial cancers
- Following-up any abnormalities detected during the screening
- Repeating screening at regular intervals

How were members of the local community involved in planning the project? Does your project align with any current or ongoing local initiatives?

This Mobile cancer screening project will be executed through Penn Nalam, a Not-for-profit, Non-governmental Organisation based in Chennai, South India.

Penn Nalam (translates as 'Women Welfare), a unit of 'Sri Dhanvantri Trust', was started in 2009 by Ms. Radhika Santhanakrishnan to educate, care, screen, diagnose, treat and counsel women and their families about positive health and cancer.

The Penn Nalam team, mostly women, comprises experienced oncologists and health care workers, is sensitized towards the health needs of Indian women who often put their family's welfare ahead of their own. Penn Nalam focuses on creating cancer awareness, early cancer detection through timely screening, and delivering cost-effective cancer treatment and care to women, especially for those who cannot afford private health services. Their Cancer Care Centre, located in the heart of Chennai, is well-equipped to deliver low-cost cancer screening modules, offers a comprehensive treatment schedule, and also provides excellent post-treatment care and alternative treatments. (<http://www.pennalamhospital.org/>).

Through Penn Nalam, this mobile cancer screening, awareness & training unit will hugely assist in improving the attendance and compliance rates in the community.

Describe any training, community outreach, or educational programs, if applicable, and who will conduct them. How will recipients be selected?

Penn Nalam reaches out into the community directly and through groups such as the following:

- Other Non-governmental organisations (NGOs)
- Local doctors & Cancer specialists
- Community Health workers
- Self Help groups
- Tamil Nadu Women Development Corporation
- Women's Social clubs
- Lion's club, Rotary clubs
- Schools (menstrual hygiene for children, cancer awareness for teachers & parents)

Grant Title - RCME Mobile Cancer Screening Unit

Status - Closed

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- Corporates/ Companies – through the Human Resources department
- Village administrative Heads

Each awareness session covers:

- Incidence of cancer in India and abroad
- Common cancers in Indian women - their signs and symptoms
- Need for early cancer detection in women
- Primary prevention of cervical cancer, early detection of breast cancers and gynecological cancers.
- Menstrual cycles & menstrual hygiene
- Motivation for screening programme

Awareness/Screening activities are conducted in various innovative ways such as:

- Puppet shows, documentary films, stage dramas, workshops
- Enactment of a scene of cancer affected person/situation by the local people- for a better reach
- Rally, Moving programmes - cancer awareness bus
- Mass awareness by training the ICDS/ Rural Health scheme group heads (ICDS or Integrated Child Development Services is a national program)
- Training programmes for women federation leaders, NGO’s through Tamil Nadu Corporation for Development of Women
- Adopting villages for mass screening programmes
- Matham Oru Mavattam scheme (One district every month scheme) - started with Kanchipuram district

Areas of Focus

Disease prevention and treatment

Which goals will your activity support?

Promoting disease prevention programs, with the goal of limiting the spread of communicable diseases and reducing the incidences of and complications from non-communicable diseases;Enhancing the health infrastructure of local communities;Educating and mobilizing communities to help prevent the spread of major diseases;Supporting studies for career-minded professionals related to disease prevention and treatment

How will you meet these goals?

Penn Nalam will use the not-for-profit, mobile Cancer Awareness & Screening Unit to ensure increased accessibility and compliance in Cancer awareness and screening programs in different communities around Tamil Nadu. The experienced Penn Nalam team, comprising experienced oncologists and health care workers, is sensitized towards the health needs of the women in the outreach communities.

The screening will include clinical examinations, blood tests for causative factors, PAP smear and also a Sonography or Sonomammography. If further screening or intervention is required, then the person would be advised to visit the base centre in the heart of Chennai.

All kinds of data from number of patients being screened, to number of women needing further treatment or follow up, to the different types of cancers that are detected, will be maintained.

How will you measure your impact?

No.	Measure	Measurement Method	Measurement Schedule	Target
1:	Number of recipients of disease prevention intervention	Direct observation	Every month	500-999

Who will be responsible for collecting information for monitoring and evaluation?

The screening team of Penn Nalam will consist of Doctors, staff nurses, Laboratory technicians, Radiography assistants, and other clerical assistants. They will be responsible for collection of information, its monitoring and evaluation.

Participants

Primary Contacts

Name	Club	Role	Sponsored by	Serving as
Vasudha Rajasekar	Madras East	(Primary Contact)	Club	Host
Daniel Peavy	San Antonio	(Primary Contact)	Club	International

Committee Members

#	Name	Club	Role
1	VGP Ravidas	Madras East	(Secondary Host Contact)
2	R. Narayanan	Madras East	(Secondary Host Contact)

#	Name	Club	Role
1	Susie Walker-Atchison	San Antonio	(Secondary International Contact)
2	Amy Contreras	San Antonio	(Secondary International Contact)

No Rotarian who has a vested interest in the activity (e.g., an employee or board member of a cooperating organization, owner of a store where project goods will be purchased, trustee of a university that a scholar plans to attend) may serve on the grant committee. If any potential conflict of interest exists, disclose it here.
None.

Cooperating Organization

No.	Name	Website	Street address or P.O. box	City	Country
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Describe your process for selecting this organization. What resources or expertise will this organization contribute?

VOLUNTEER TRAVELER(S)

No.	Name	Email
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Identify the responsibilities of the volunteer traveler(s) and the specific tasks that each individual will complete.

PARTNERS

List any additional partners who will participate and identify their responsibilities. This may include Rotary clubs, Rotaract clubs, Rotary Community Corps, or individuals.

ROTARIAN PARTICIPATION

Describe the role of the host Rotarians in this activity and list their specific responsibilities.

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Rotary Club of Madras East (RCME) has formed a 3 member committee for this project. This committee initiated a dialogue with Penn Nalam to identify the real need.

RCME will act as Treasurer for this project, set up project bank account and monitor receipt and expenditure.

RCME will also monitor initial use of the bus and report the utilisation to all partners. In addition, RCME will strive to publicise this initiative of the Rotary and the role of the Rotary Foundation in the media and amongst other clubs in the district.

Rtn R M Narayanan - Co-ordinator for Global Grants Project
Rtn Dr Vasudha Rajasekar - Technical Advisor
Rtn VGP Ravidas - President, RCME

Identifying Penn Nalam as a deserving recipient organisation and discussion and establishing need for the Mobile cancer screening unit.

Identifying and facilitating the specialised Bus fabricator, and coordinating and finalising the bus design specifications

Assisting in procuring competitive bids for all medical and non medical items in the budget.

Price negotiations with vendors, and selecting the most appropriate one.

Not in committee but involved in project:

1. Rtn Ravi Venkataramani (RID 6759043) has assisted in identifying and establishing contact with the international club with personal visits to San Antonio.

2. Rtn R Jayaraman (RID 3287587) has been involved in the fund raising process.

Describe the role of the international Rotarians in this activity and list their specific responsibilities.

Rotary club of San Antonio has also formed a 3 member committee to interface with RCME in the selection of the Bus based on recommendations from Penn Nalam.

RCME and RCSA will have members who will visit Penn Nalam. Both clubs will be in close coordination with each other during execution of the project and will contribute to the closing report.

SUSTAINABILITY

Describe the role that members of the local community will play in implementing your project. What incentives (e.g., compensation, awards, certification, promotion) will you provide to encourage local participation?

Penn Nalam, the NGO implementing the project, is by itself already very much networked into various communities of Tamil Nadu with its ongoing screening programmes. The leaders of the local communities like village Administrative heads/ Rural Health Scheme workers, social leaders, help in motivating their village or groups to attend the awareness programmes, and undergo screening. They also help with future follow up of patients in a high risk category.

Each screening costs INR 3,200 approximately in a private hospital. Penn Nalam charges the individual INR 1250, which is literally at cost. This is the first and biggest incentive. Subsequently, if a woman tests positive, the necessary treatment is also at near cost which is one third the cost of private hospital treatment. This is a further incentive.

Identify any individuals in the local community who will be responsible for monitoring outcomes and ensuring continuity of services. How will you support these individuals to help them take on this leadership role?

Apart from the Penn Nalam screening team, heads/ leaders of communities and social groups are identified during awareness and screening programs. This hierarchy is already well established and Penn Nalam taps into the existing system.

These leaders/ heads attend the awareness/screening programs and are given additional training to also be able to independently motivate their groups to not only attend these programs but also identify symptoms, and follow up.

BUDGET

Grant Title - RCME Mobile Cancer Screening Unit

Status - Closed

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Select the local currency for your budget and enter the current rate of exchange to 1 U.S. dollar. Obtain the current RI exchange rate from Rotary's website. If your country is not on the official RI exchange rates list, visit the Oanda or Bloomberg website to obtain the current rate.

Detail your proposed expenses by adding items to the budget. Note that the total budget must be equal to the total financing of your activity.

Local currency: INR Exchange rate to 1 USD: 59

No.	Description	Supplier	Category	Local cost (INR)	Cost in USD
1:	Awareness accessories	Winnertech	Equipment	34,867.00	\$591.00
2:	Ultrasound machine	Esaote	Equipment	1,035,000.00	\$17,542.00
3:	Biochemistry Semi Autoanalyzer	Meril Lifesciences	Equipment	120,000.00	\$2,034.00
4:	Screening Medical Instruments	Kasturi Trading Co.	Equipment	99,934.00	\$1,694.00
5:	Screening Medical Instruments	Seven Star Healthcare Ltd.	Equipment	5,000.00	\$85.00
6:	Bus Chassis	ACT-Sicagen	Equipment	795,259.00	\$13,479.00
7:	Bus Body	Sigma Autocraft	Equipment	1,250,000.00	\$21,186.00
8:	Bus Airconditioners	Spheros	Equipment	165,000.00	\$2,797.00
9:	Power Generator	Powerlink	Equipment	260,000.00	\$4,407.00
10:	Roof Mounted airconditioners	Vikas	Equipment	287,500.00	\$4,873.00
11:	Transportation	Om Travels	Equipment	46,000.00	\$780.00
12:	Insurance	National Insurance Co.	Equipment	45,653.00	\$774.00
				Total budget: 4144213	70242

SUSTAINABILITY

Describe the process for selecting these budget items. Do you plan to purchase any items from local vendors? Have you performed a competitive bidding process to select vendors? Do these budget items align with the local culture and technology standards?

The items that have been budgeted have been classified as follows:

- The mobile bus – chassis, body, body works, accessories
- Medical Equipment – Sonography equipment, Lab Equipment & screening instruments
- Back up Generator
- Awareness accessories

A team from Rotary Club of Madras East interacted with the Penn Nalam team of doctors to identify the optimal size of bus required to maximise reach and impact. Technical inputs were provided by the doctors for selection of the medical equipment required to be placed on board the bus. Valuable inputs were also received from one of the members of the team from Rotary club of Madras East who is also a doctor.

Competitive bids were then invited for each of the above groups of items. Detailed negotiations were held with shortlisted vendors to arrive at best possible prices.

All the items will be procured from local vendors. All items will undoubtedly align with the local culture and technology standards.

How will the beneficiaries maintain these items? If applicable, confirm that spare or replacement parts are readily available and that the beneficiaries possess the skills to operate equipment.

Since all the items will be procured through local vendors, after sales service and spare parts will be readily available. Penn Nalam has all the skill sets available to operate the equipment. The nominal charges for the procedure will help the beneficiary maintain this mobile unit.

Who will own the items purchased with grant funds at the end of the project, including equipment, assets, and materials? Note that items cannot be owned by a Rotary club or Rotarian.

Penn Nalam (Unit of Sri Dhanvantri Trust)

FINANCING

The Rotary Foundation funds global grants from the World Fund, and awards range from US\$15,000 to US\$200,000. The Foundation matches cash contributions at 50 percent and District Designated Fund (DDF) contributions at 100 percent. The Foundation will also match non-Rotarian contributions toward a grant, provided they do not come from a cooperating organization or a beneficiary.

To determine the World Fund match for your global grant, list all sources of funding, specifying contributions from cash, DDF, and other sources. Non Rotarian contributions with no match from TRF can be included in the grant financing if they are being used to purchase grant budget items. These contributions should not be sent to TRF. Note that the total financing must be equal to the total budget of your activity.

***NOTE: Any grant cash contributions sent to TRF must include an additional 5% to support processing expenses.**

After you have added all funding sources and the requested World Fund match, click "Save" to save your grant financing.

#	Funding Method	Organization	Amount (USD)
1	Cash from club	Madras East	\$9,328.00

2	District Designated Fund (DDF)	3230	\$15,000.00
3	Cash from club	San Antonio	\$10,500.00
4	District Designated Fund (DDF)	5840	\$5,250.00
DDF contributions:	20250		
Cash contributions:	19828		
Other contributions:	0		
Endowed/Term gift contributions:	0		
World Fund match maximum::	30164		
World Fund match (requested):	30164		
Total financing:	70242		
Total budget:	70242		

SUSTAINABILITY

Have you identified a local funding source to ensure long-term project outcomes? Will you introduce practices to help generate income for ongoing project funding?

Penn Nalam, as an NGO, has its own funding sources, and is already conducting awareness and screening programs at nominal charges that is just 1/3 the market rate and will be sufficient to cover the cost of procedures as well as the running cost of the mobile unit.

Authorization

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.

Primary Contact Authorizations

Role	Name	Authorization Status	Authorization Date
Primary Contact	Vasudha Rajasekar	Authorized	24/09/2014
Primary Contact	Daniel Peavy	Authorized	26/09/2014

DRFC Authorizations

Role	Name	Authorization Status	Authorization Date
District Rotary Foundation Chair (DRFC)	Shunmugam Muthu Palaniappan	Authorized	29/09/2014
District Rotary Foundation Chair (DRFC)	Douglas Whinnery	Authorized	29/09/2014

DDF Authorizations

Role	District	Name	Authorization Status	Authorization Date
District Governor (DG)	3230	I.S.A.K. Nazar	Authorized	30/09/2014
District Rotary Foundation Chair (DRFC)	3230	Shunmugam Muthu Palaniappan	Authorized	29/09/2014
District Governor (DG)	5840	Janet Livingston	Authorized	26/09/2014
District Rotary Foundation Chair (DRFC)	5840	Douglas Whinnery	Authorized	23/09/2014