

## OBJECTIVES

WELCOME TO THE GLOBAL GRANT APPLICATION

Your application has been assigned the reference number GG1422332 , 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.**

A diagnostic center provides a wide scope for early detection and proper management of ailments and affords facilities for a detailed medical check-up through diagnostic procedures. To accomplish this objective Rotary 3010 Rajdhani Radiology & Imaging Centre which is well equipped with most modern instruments, will help in proper diagnostic purposes.

Medical Diagnostic Centre is an establishment that determines the nature and circumstances of a disease condition by scientific examinations. Diseases are commonly diagnosed with respect to the causative organisms, if the cause of the disease is invasion by an offending pathogen. Many disease conditions are also diagnosed by tests based on biochemical parameters using the body fluid, commonly blood, or cells and tissues of the individual.

Rotary 3010 Rajdhani Radiology & Imaging Center which will have a Radiology and imaging center

Main Objectives are :

1. Provide Diagnostic service to the economically weaker section of the society at affordable prices free / at affordable prices
2. Speedier diagnosis, reduced incidence of complications due to delays in diagnosis
3. To Improve ability of the public health system to respond to health needs of the people
4. Reduction in upstream treatment costs of complicated conditions by early and proper diagnosis resulting in financial savings to the poor.

With the setting up of this center we will be able to help the poor patients by providing them various tests at free of cost / at affordable prices. This in turn will help the treating consultants to reach a proper and early diagnosis, which in turn will help to reduce the morbidity and mortality of the poor strata of patients.

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

The hospitals providing secondary medical care are supposed to have a certain bandwidth of lab tests as per the availability of specialties, but most hospitals in India are not equipped to this extent. This shortage of diagnostic service severely handicaps the effectiveness of treatment delivery at the hospital.

Nearly 100,000 poor people residing in the surrounding areas will utilize the diagnostic facility.

This Diagnostic center will provide 33% of the tests free of charge and 67% at subsidized rates and competitive market rates on a NO profit basis. This will sustain the center.

**Which of the following activities will this global grant fund?**

Humanitarian project

## Humanitarian Project

**Where will your project take place?**

**Community:** In MAHARAJA AGRASEN CHARITABLE HOSPITAL  
DWARKA,

**City or Village:** New Delhi

**Country:** India

**When do you anticipate your project will take place?**

From:2014-06-15 Until: 2014-10-28

**Outline your project implementation schedule.**

No.	Activity	Duration
1:	Placement of Equipment orders	15th June to 15th July 2014
2:	Installation of equipment	1st August to 30th September 2014
3:	Testing of Equipment and Training of Staff	1st october to 15th october 2014
4:	Live work on equipment	End of October 2014

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

Most of the Hospitals are secondary level health care providers in India with basic specialties. It is observed in most such hospitals laboratories that the diagnostic centres are not adequately properly equipped.

Factors that influence the inadequate availability of diagnostic services are,

1. Non availability of modern automatic and semi automatic equipments which increase efficiency of the output
2. High capital cost of high-end equipments required for advanced tests
3. Insufficient supply chain and logistics of consumables and other chemicals required for the service

These lacunae in the system adversely effects the efficiency and operation of the hospital by,

1. Delaying the treatment procedure
2. Restricting the treatment capacity of the medical practitioners
3. Absence of proper diagnostics may lead to judgmental errors on the condition of the patients
4. Inhibits the continuity of medical treatment
5. De-motivates the medical practitioners are they are not able to extend to their fullest capacity, the care required to serious patients.

Most of the secondary level hospitals which deal with bulk of the patients load are not having proper and good diagnostic laboratories. Our purpose is to provide a good state of art laboratory services in a secondary level charitable hospital ie Maharaja Agrasen Charitable Hospital, Dwarka, New Delhi.

**Detail how your project will address these community needs.**

Diagnostics forms a critical input for medical treatment. It comprises of two major fields:

- Laboratory Diagnostics and
- Imaging.

In medical science 60-70 per cent of medical treatments are based on laboratory diagnostic tests, thus making it one of the most indispensable segments in the healthcare industry. Diagnostics are essential in proper diagnosis and hence the treatment.

Diagnostics is a capital intensive segment of Healthcare and requires efficient management systems to make it financially sustainable. The main reason for the capital intensive nature is the non- availability of equipments in the country.

To bridge the gap between the existing and expected level of Diagnostic services, RI District 3010 and Rotary Club of

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Status - Authorizations Required

District Number 5790 (Qualified)

Delhi Rajdhani has come up with project on a Diagnostic Center. With the introduction of THE ROTARY 3010 Rajdhani Diagnostic Center at Maharaja Agrasen Charitable Hospital in Dwarka, New Delhi the following improvements are expected:

1. Population of the given district can avail high-end Diagnostic services at free / affordable rates.
2. Rotary and the Rotary Foundation will invest the capital for providing the equipments and hospital will ensure the maintenance and smooth running of equipments.
3. Hospital will recruit the trained manpower and the equipment supplier will train them further, where required, to deliver desired level of quality services.

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

A primary research was carried out to

- Study and understand the operations of the selected Dwarka Sub city of Delhi state and identify their needs
- Assess the availability of Diagnostic services for the population with the public and private facilities in that area
- Discussions with local Corporaters and the Public Representatives were held
- An analysis with respect to the key drivers affecting revenue, streams of business and capital cost.

Based on the above, the ideal pricing structure for the poor patients and also what percentage of free diagnostic service is needed has been proposed.

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

The manufacturers of the equipments will provide the necessary training to the recruited hospital staff for operations and daily maintenance, where required.

Hospital will hold the health education and disease prevention camps where the screening tests will be conducted and those requiring further investigations/ treatment will be referred to the hospital.

**Areas of Focus**

**Disease prevention and treatment**

**Which goals will your activity support?**

Improving the capacity of local health care professionals;Enhancing the health infrastructure of local communities; Preventing physical disability resulting from disease or injury

**How will you meet these goals?**

Rotary District 3010 and Rotary Club of Delhi Rajdhani will join hands with Maharaja Agrasen Charitable Hiospital, Dwarka, Delhi. The Rotary and the Rotary Foundation will meet these goals by installing medical diagnostic machines for Radiology and imaging center

The Maharaja Agrasen Charitable Hospital will maintain and run these machines.

This Diagnostic center will provide 33% of the tests free of charge and 67% at subsidized and competitive market rates on a NO Profit basis.

**How will you measure your impact?**

No.	Measure	Measurement Method	Measurement Schedule	Target
1:	Number of communities reporting an increase in access to local	Direct observation	Every three months	100-499

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	health facilities		
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**Who will be responsible for collecting information for monitoring and evaluation?**

Rotarians from Rotary Club of Delhi Rajdhani will select a committee of members who will be responsible for the monitoring and evaluation.

**Maternal and child health**

**Which goals will your activity support?**

Reducing the mortality and morbidity rate for children under the age of five;Improving access to essential medical services, trained community health leaders and health care providers for mothers and their children

**How will you meet these goals?**

the Center so set up will help the under priveleged people access to better medical services. the hospital will also train additional technicians so that the community can get more trained manpower to handle and use such equipment.

**How will you measure your impact?**

No.	Measure	Measurement Method	Measurement Schedule	Target
1:	Number of benefiting health facilities	Direct observation	Every six months	1-19

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

a Committee formed by the members of the Rotary Club of Delhi Rajdhani will do so.

**Economic and community development**

**Which goals will your activity support?**

Building the capacity of entrepreneurs, community leaders, local organizations, and community networks to support economic development in impoverished communities;Developing opportunities for productive work

**How will you meet these goals?**

The center set up through our help will train additional technicians who can operate such equipment. this will enhance their employability elsewhere to support their families.

**How will you measure your impact?**

No.	Measure	Measurement Method	Measurement Schedule	Target
1:	Number of individuals trained	Direct observation	Every six months	1-19

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

The Rotary Cub of Delhi Rajdhani will be setting up a Committee to monitor the same and will meet every six months to analyze results.

**Participants**

**Primary Contacts**

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Name	Club	Role	Sponsored by	Serving as
Rajesh Gupta	Delhi Rajdhani	(Primary Contact)	Club	Host
Jacob Hardin	Arlington (Sunrise)	(Primary Contact)	Club	International

**Committee Members**

#	Name	Club	Role
1	Vinod Bansal	Delhi Rajdhani	(Secondary Host Contact)
2	Neeraj Aggarwal	Delhi Rajdhani	(Secondary Host Contact)

#	Name	Club	Role
1	David Berg	Arlington (Sunrise)	(Secondary International Contact)
2	Donald Ferrell	Arlington (Sunrise)	(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.**

**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?**

MANY OF THE Rotarians of RI District 3010 reside in the vicinity of the Maharaja Agrasen Charitable Hospital, Dwarka and some of them have visited that hospital. They are satisfied with the services rendered to the common public by the above said hospital.

The Management of the Hospital approached the Rotary Club of Delhi Rajdhani to help them set up a Radiology and Imaging center within the hospital.

The Hospital promised that they will run and maintain the EQUIPMENT once they are installed. They will also train additional staff so that trained technicians can be provided livelihood at other hospitals.

**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.**

nil

**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**

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

The Host Club will allocate 3 Rotarians to the project, who will visit the Radiology & Imaging center when it is up and running and will be responsible for :

- 1) overseeing the utilization of the machines and their upkeep and also trained manpower operates the machines.
- 2) the other will oversee the record for the treatments given free of charge and at low rates.
- 3) will have a regular monthly meeting with the Management of the hospital to resolve and issues and to ensure the smooth running of the Radiology and Imaging Center.

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

International Rotarians will be sent regular updates to inform them about the running of the center. They can even come and see the same for themselves. Some of them visit India and will be taken to the hospital to give them a first hand feel of the project.

**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?**

The local corporate and the representatives of the RWA's and the housing societies in Dwarka sub city will be involved in promoting the Radiology & Imaging center. They will be encouraged to refer the poor patients in their respective areas / villages and housing societies to use the facility.

The individuals helping us in this venture will be duly recognized by giving award / certificate at the Club / District Functions from time to time.

**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?**

The Gram Panchayat Pradhan and the Local Resident Welfare Association and Housing society presidents representatives will be selected to ensure monitoring and continuity of services.

**BUDGET**

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: 60

No.	Description	Supplier	Category	Local cost (INR)	Cost in USD
1:	Ultrasound portable	Siemens	Equipment	1785000	29750
2:	CR System with laser printer	Agfa	Equipment	1750000	29167
3:	X-Ray Portable Unit	Siemens	Equipment	380000	6333

4:	CT scanner (16 slice)	Siemens	Equipment	17220000	287000
5:	Colour Doppler Ultrasound	Siemens	Equipment	4500000	75000
				<b>Total budget:</b>	25635000
					427250

**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 were determined based on a series of meetings with the Medical Superintendent of the Maharaja Agrasen Charitable Hospital. They have on their past experiences chosen the vendors. These decisions were based on the vendors ability to:

- Provide sustained services
- Provide timely spare parts
- Their own market standing/reputation
- Providing latest technology machines

**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.**

It will be ensured that all the vendors of the equipment provide warranties for at least one year and also extended maintenance warranties to keep the machines in running order.. the spares are readily and easily available.

**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.**

MAHARAJA AGRASEN HOSPITAL CHARITABLE TRUST WILL OWN THE EQUIPMENTS

**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. Note that the total financing must be equal to the total budget of your activity.**

**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	District Designated Fund (DDF)	3010	15125
2	District Designated Fund (DDF)	3690	20000

3	Cash from club	Delhi Rajdhani	190000
4	Cash from club	Arlington (Sunrise)	20000
5	District Designated Fund (DDF)	3271	21000
DDF contributions: 56125			
Cash contributions: 210000			
Other contributions: 0			
Endowed/Term gift contributions: 0			
World Fund match (maximum): 161125			
World Fund match (requested): 161125			
Total financing: 427250			
Total budget: 427250			

**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?**

The project will have a self funding mechanism. Only a limited number of patients will be treated free of cost. the others will be on a 'No Profit' Basis. this will ensure that the commercial viability of the project is there and there are enough cash resources to run the Center and meet its daily needs. Maintenance and AMC has been made the responsibility of the Charitable Hospital. We are creating a mechanism of persons who will fund this system within the Trustees of the Hospital in any unseen eventuality od a shortfall. The Primary Contact Rtn. Rajesh Gupta will have to be taken as one of the Trustees of the Charitable Hospital once this grant is completed.

**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.



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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	Rajesh Gupta	Authorized	28/05/2014
Primary Contact	Jacob Hardin	Authorized	16/06/2014

## DRFC Authorizations

Role	Name	Authorization Status	Authorization Date
District Rotary Foundation Chair (DRFC)	John Lucas		
District Rotary Foundation Chair (DRFC)	Sushil Khurana	Authorized	01/06/2014

## DDF Authorizations

Role	District	Name	Authorization Status	Authorization Date
District Rotary Foundation Chair (DRFC)	3010	Sushil Khurana	Authorized	01/06/2014
District Governor (DG)	3010	Vinod Bansal	Authorized	29/05/2014
District Governor (DG)	3690	Kyung Ha Lee	Authorized	20/05/2014
District Rotary Foundation Chair (DRFC)	3690	Kuem Ro Lee	Authorized	21/05/2014
District Governor (DG)	3271	Pir Syed Shah	Authorized	04/06/2014
District Rotary Foundation Chair (DRFC)	3271	Aziz Memon	Authorized	03/06/2014

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