

Project Proposal: Rotary Club of Bombay Juhu Beach – Global Grant Project (G-939)

Background

India's huge growing population of around 1.3 billion is putting a great strain on all of the country's natural resources. Most water sources are contaminated by sewage and agricultural runoff. World Bank estimates that 21% of communicable diseases in India are related to unsafe drinking water where diarrhea alone causes more than 1,600 deaths daily.

50% of India's population of around 620 million defecate in the open. A further lack of toilets exacerbates the problem as feces on the ground contribute to contaminated drinking water and water resources.

Diarrhea is often caused by a lack of clean water for proper hand-washing.

70% of all reproductive diseases in India are caused by poor menstrual hygiene. Over 80% of menstruating women in India use unsanitised cloth as the biggest barrier to using a sanitary napkin is affordability.

Inadequate menstrual protection makes adolescent girls (age group 12-18 years) miss 5 days of school a month or about 50 days in the year. Around 23% of these girls drop out of school after they started menstruating.

The Rotary Club of Bombay Juhu Beach (RCBJB Club Id 58531 of Dist. 3140 Mumbai, India) has undertaken several community service projects in and around the city of Mumbai, some of the completed projects include:

- Providing a 7 Machine Dialysis Centre for a hospital
- 4 Rain Check dams in villages
- Solar Water Pump and Distribution system for 4 villages
- Solar Street Lighting in a village
- E-learning hardware and software for Grade 1-10 in Municipals schools in rural villages
- Regular medical and Cataract camps in villages
- Regular Blood Donation Drives for blood banks at hospitals

RCBJB continues to strive to achieve the objectives set by Rotary International to carry out community and vocational service projects. Rotary Club of Albert Park (RCAP) has an opportunity to partner with RCBJB in meeting these objectives.

Objectives

1. To provide 11 Water purification systems for 4,600 inhabitants of 11 villages of Palghar District. These purification systems will provide clean potable water to the tribal villagers that will ensure a safe and healthy life by eliminating water borne diseases like diarrhea, cholera, malaria etc.
2. To provide 60 toilet blocks for 60 families in 2 villages of Palghar District to ensure proper sanitation and eliminate diseases like diarrhea related to defecating in the open.
3. To setup a Sanitary Manufacturing facility in a village in Palghar District and provide 30 Sanitary Napkin Incinerators for 11 villages the same District. The facility will provide easy and affordable access to sanitary napkins for the women of the 11 tribal villages as well as to girl schools in the neighboring areas to cover approx. 5,000 girls/women. The incinerators will ensure the proper disposal of sanitary napkins. This project will also create employment for 6-8 women for running the manufacturing facility, in addition it will create indirect employment through the sale of sanitary napkins to the 5,000 girls/women,

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Scope

RCBJB will work with a Non-Governmental Organisation (NGO) Pragati Pratishthan (NGO-PP) who have in the past installed Solar Water Pump distribution systems to provide potable water to these villagers from distantly located perennial wells. Currently, the quality of the water available from these wells is quite sub-standard and results in water related diseases to the villagers.

RCBJB will be responsible for sourcing and procuring all of the equipment and accessories related to the 3 projects:

1. 11 Ultra Water Purification Systems.
2. 60 units of sanitary ware.
3. 1 Sanitary Manufacturing Unit and 30 Sanitary Napkin Incinerators.

NGO-PP will be responsible for all activities related to the above 3 projects including:

- a. Logistics
- b. Providing manpower for the projects
- c. Obtaining necessary municipal/council permits
- d. Construction, installation, erection, commissioning and effective supervision
- e. Education and Training of villagers in use of facilities

NGO-PP will charge a project management fee of 5% under the supervision of RCBJB.

Timeframe

| | Description of Work | Start and End Dates |
|-------------|--|---|
| Phase One | Provide and install 11 Ultra Water Purification Systems to 11 villages namely – Gabhlepada, Pasodipada, Kudawa, Karoli, Kalampada, Dandval (in Mokhada Taluka); Zappada, Khalichamal, Pardhipada, Borichaghoda, Khidsa (in Jawhar Taluka) | Estimated start date first quarter of 2016 – estimated completion time 4 months. |
| Phase Two | Provide and install 25 toilet blocks in Borichaghoda village and 35 toilet blocks in Khidsa village of Jawhar Taluka with 9 Sanitary Soak Pits | Estimated start date first quarter of 2016 – estimated completion time 4 months. |
| Phase Three | Provide and install 1 Sanitary Manufacturing Unit in Jawhar Taluka and provide 30 Sanitary Napkin Incinerators to be located 1 each in the villages of Gabhalepada, Pasodipada, Kudawa, Karoli, Pardipada, Borichaghoda and Khidsa village; 2 units each in the villages of Kalapada, Dandval, Zappada and Kalichamal; 15 units to be installed at girl schools and hostels in the surrounding areas of Mokhada and Jawhar Taluka. | Estimated start date 2 nd quarter 2016 – estimated completion time 6 months. |

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Project Budget

| | Description of Work | Anticipated Costs |
|-------------|---|---------------------------------------|
| Phase One | 11 Ultra Water Purification Systems | INR 2,108 million = A\$ 42,160 |
| Phase Two | 60 toilet blocks + 9 Sanitary Soak Pits | INR 1.364 million = A\$ 27,280 |
| Phase Three | 1 Sanitary Napkins Manufacturing Unit and 30 Sanitary Napkin Incinerators | INR 0.828 million = A\$ 16,560 |
| | Total | INR 4.300 million = A\$ 86,000 |

Global Grant Calculation – RCBJB (Dist 3140) + RCAP (Dist 9800):

(INR 1 = A\$ 0.20)

| | | |
|----------------------------------|----------------------|-------------------|
| RCBJB Local Contribution: | | |
| RCBJB TRF Contribution: | | |
| District 3140 Contribution: | | |
| District 3140 TRF Contribution: | | |
| <i>RCAP Local Contribution:</i> | | |
| RCAP Dist 9800 TRF Contribution: | | |
| Total: | INR 4,300,320 | A\$ 86,007 |

Key Stakeholders

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|-----------------|--|
| Client | Rotary Club of Bombay Juhu Beach; Club ID 58531; District 3140 Mumbai India |
| Sponsor | Rotary Club of Albert Park; Club ID 30595; District 9800 Victoria Australia |
| Project Manager | Pragati Pratishtan, Tendulkar Smruti, Opp. Petrol Pump, At & Post Jawahar, Taluka: Jawahar, Dist: Palghar 401603 , Maharashtra State, India – email: pragatipratishtan7@gmail.com ; www.pragatipratishtan.org |

Monitoring and Evaluation

Mr. Yogen Shah, Secretary Rotary Club of Bombay Juhu Beach will monitor and evaluate the progress of the projects. He will be required to send in monthly status report on the project progress.

Approval Signatures

Yogen Shah, Secretary RCBJB

Mike Rady, RCAP

Project Manager Pragati Prathishthan