



# Rotary Club of New Bombay Seaside

Club ID 30081 Dist.3142

R I President Rtn Mark Daniel Maloney	District Governor Rtn Dr Mohan Chandavarkar	Club President Rtn Stuti Sensarma	Club Secretary Rtn Sankalp Gupta	Club Treasurer Rtn Sundeep Khurana
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## **Project Proposal for Water Supply Renovation Work at Murbad Taluka of Thane District in the State of Maharashtra, India, R I District 3142 for the Rotary year 2019-20 under Global Grant from The Rotary Foundation (TRF)**

### **1. About Rotary International (RI)**

Rotary International is the largest & oldest Global NGO having presence in more than 200 countries, headquartered in Evanston, Illinois, USA. Established in 1905, the organisation serves the community through more than 35,000 Rotary Clubs and more than 1.25 million members throughout the World in the following areas of community service.

- Peace and conflict prevention/resolution
- Disease prevention and treatment
- Water and sanitation
- Maternal and child health
- Basic education and literacy
- Economic and community development

Rotary has been instrumental in eradicating polio worldwide through its immunization program and the efforts are recognized by Bill & Melinda Gates Foundation, who has donated over US\$ 550 million to Rotary for Polio Eradication program. With these sustained efforts, India has been declared a polio free country in 2014. Rotary was one of the NGOs that contributed to United Nations charter in 1945.

### **2. About Rotary Club of New Bombay Seaside, Nerul, Navi Mumbai**

Established in 1994, Rotary Club of New Bombay Seaside (henceforth, to be referred to as RCNBS) is one of the 97 Clubs in RI District 3142, engaged in providing various community service activities since last 26 years. The Club has 64 members, who have excelled in various vocations.

RCNBS, in its constant pursuit to do good in the society in and around Navi Mumbai, has carried out a host of noble Projects since its inception. To note a few:

#### **a) Health:**

- **End Polio:** RCNBS has taken an active participation in the End Polio campaign since its commencement and has set up several Polio immunisation booths each year on NIDs for Polio.
- **FIT-KIDS:** This is a Project to create awareness against malnutrition in children covering the entire gamut starting from obesity, overweight, underweight, anemic a in school going children. Under this Project, children more than 3500 children have been screened so far for BMI and other health parameters and given advice as to how to normalise their BMI. A sizeable number of children having high / low BMI later reported normalised BMI after sticking to the advice from the panel of Doctors.

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Human Milk Bank Project: The Club has set up a Human Milk Bank in DY Patil Hospital located in Nerul. This is aimed at providing milk to the children who are deprived of their mother's milk due to health-related issues.

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- Upgradation of Hospital: RCNBS has participated in upgradation of Meenatai Thackeray Hospital, a Women and Children's Hospital located in Nerul and has donated a number of medical instruments.
- Support to Cancer patients: The Club has provided a number of infrastructural requirements to the Bharat Sevashram Sangh, Vashi, who provide services to the Cancer patients from all over India.
- Adoption of an Adivasi Village: The Club adopted an Adivasi (Tribal) village (Wahal) way back in 2003 and provided (Wahal) support for all-round development including drinking water, toilets, setting medical camps etc.

## b) Education:

- Paarijat: RCNBS adopted a school wherein the students were children of rag pickers, quarry labourers, maid servants et. al. The Club provided e-learning kits, computers, water purifiers and a lot of other infrastructural materials. The Club also conducted spoken English classes, which was a huge success.
- Shikshangan: The Club runs daily evening classes for 40 – 50 underprivileged children in Nerul. It also provides them books and other study materials.
- Scholarships: Every year, the Club provides scholarships to a number of economically weaker, yet bright students for their studies upto graduation. The Club has set up an education support corpus fund of INR 11,50,000.00 (approx. USD 16,200) as a Fixed Deposit. The annual interest earned on the said amount is used to fund studies for deserving students from the under-privileged section.

## c) Projects for Youth:

- SPIRITS: The Club has been conducting a Month-long Youth Cultural, Literary and Art competition for the school-going children, named **SPIRITS**, since last 16 years in which almost 3000 children participate from morethan 40 schools in Navi Mumbai. 52 events are conducted over 4 Sundays in July and August.
- Eco Achievers Quiz: The Club, in association with Saevus Wildlife Magazine, has conducted a Quiz on nature, environment and wildlife, which has been widely appreciated.

## d) Community development:

- Check-Dams: The Club has, so far, constructed 3 Check-Dams – one in Mokhada Village, another in Murbad area and the third one in Village Ahdhoshi (Khopoli Taluka). All the sites are in Maharashtra.

## e) Environmental Projects:

- Say No to Plastics: The Club has been conducting "Carry a Jute Bag" campaign to create awareness to stop use of Plastic Bags since 2010.

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- Gas based crematorium: The Club has installed a Gas-based crematorium in Nerul. Club ID 30081 Dist. 3142
- Herbal Garden: The Club has created and maintained a Herbal Garden in Nerul.

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## f) Vocational Services:

- The Club has provided Vocational training to the underprivileged girls and women.
- Projects for differently-abled children: The Club has provided machines / tools for vocational education of differently abled children of "Skills & Ability School, Nerul".
- Vocational Excellence Award: Every year, the Club organises Vocational Excellence Award to recognise talents from Navi Mumbai , who have excelled in their respective vocation.

All the above Community Service Projects are carried out through **Rotary Club of Nerul Seaside Charitable Trust**, which is a registered trust under Public Trust Act and Bombay Public Trust Act and the contributions are exempted from Income Tax u/s 80G of the Income Tax Act. The Trust is managed by the Board of Trustees selected from the members. **The annual outgo of the Club for Community Service Projects is approx. INR 50,00,000.00 (US\$ 70,400).**

## 3. The Proposed Project: Water Supply Renovation programme

### a) History:

Many weirs / water storage projects have been constructed by the Government of Maharashtra across the state. However, they have fallen into dis-repair because of official apathy and proper focus. Instead of financing new water conservation projects, if we work on maintaining / repairing existing infrastructure, we can achieve much better results at a fraction of the cost of a new project.

The local farmers are, by now, educated to use the arrested water for cultivation of the land in the off season, i.e., during the months of October to March. Traditionally, they grow mostly Paddy (Rice) in these Taluka.

### b) Description of the Project:

In the Proposed Project, RCNBS has planned to increase water holding capacity of an existing Weir (constructed on a river named Kalu) through De-siltation. The Weir is located in a village situated in the Murbad Taluka of Thane District in Maharashtra State. The Club further would like to provide water for drinking, household and other purposes to the villagers and cattle by:

- pumping water from river to the village
- constructing a Jack Well near the river
- constructing a Drinking water tank
- constructing a Washing station

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The village is located at a distance of approx. 80 km off Kalyan Junction, i.e., from Mumbai-Agra National highway No.3 and is approx. 120 km from Mumbai. This village falls in semi-tribal & hilly region with annual rainfall of more than 2500 mm where surface run off water is at present under-utilized because of lack of irrigation projects and water Conservation work. During the months from March to Mid-June, the villagers face acute shortage of drinking water.

The tangible benefits of de-siltation of the existing weir and construction of Jack Well, Drinking water tank & Washing station are:

- The Project will raise the ground water table of the area surrounding the weir (radius of 0.50 km), which in turn will increase the yield of the bore wells and open wells located in this zone. This will enable the villagers to get drinking water for them & also for the live-stock in the summer.
- The drinking water tank will supply them clean drinking water throughout the year.
- The washing station will enable the ladies carry out their household and other daily courses without having to travel long distance to fetch water.
- Farmers can cultivate the fields for a second crop, usually cash crops like vegetables, flowers, barley etc. This will increase the family income substantially, thereby increasing the standard of living (an increase of INR 10,000.00 (approx. US\$ 140) per acre per year).

The intangible benefits of de-siltation of the existing Weir are outlined below:

- The scarcity of work and water compels the local population to migrate during each summer in search of work to the cities. If water and work is provided by this Project, such migration could be avoided.
- Children are deprived of continuous education due to migration. Lack of water also causes health & hygiene problems amongst them. If water is available throughout the year, there will be stability and progress in the village.

## c) Beneficiaries:

- **Direct:**  
Approximately 80 farmers in the village whose income could grow due to harvesting second crop.
- **Indirect:**
  - ✓ Approximately 100 women, 100 children and 70 non-farmers could be benefited by availability of water in the village.
  - ✓ Over 100 cattle to be benefited by availability of drinking water.



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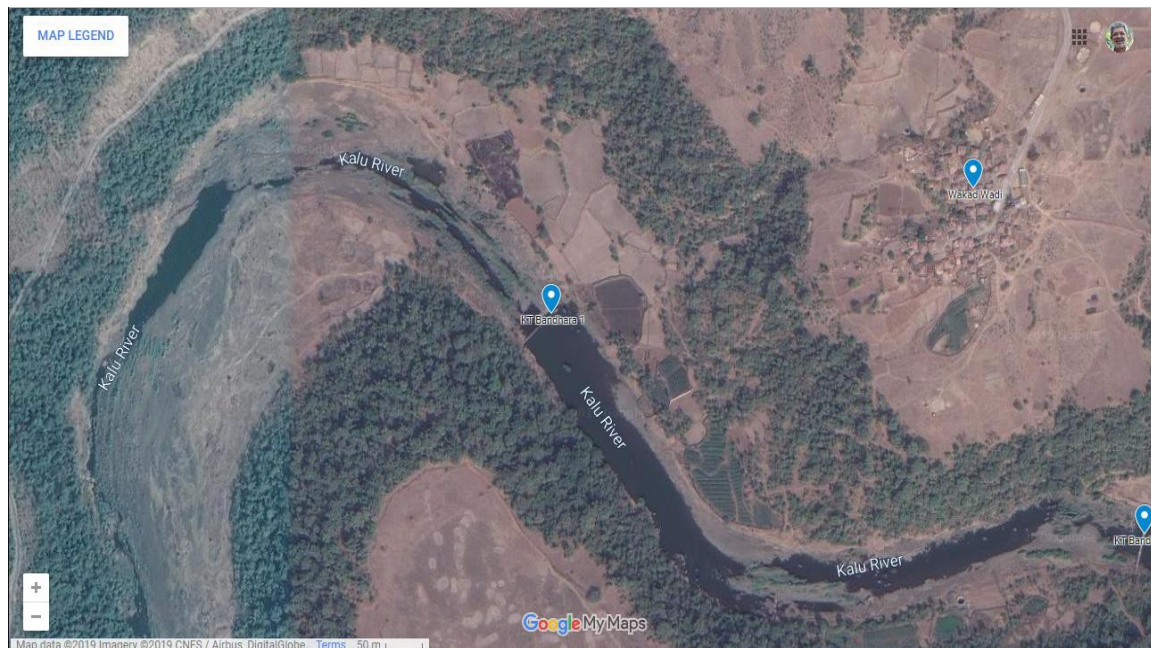
RI President <b>Rtn Mark Daniel Maloney</b>	District Governor <b>Rtn Dr Mohan Chandavarkar</b>	Club President <b>Rtn Stuti Sensarma</b>	Club Secretary <b>Rtn Sankalp Gupta</b>	Club Treasurer <b>Rtn Sundeep Khurana</b>
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## d) Agency:

**Rotary Club of Nerul Seaside Charitable Trust** will appoint approved Engineers and contractors by entering into written agreements approved by RI DISTRICT 3142 and supervise the work through Engineer Rotarians and Volunteers. All payments shall be made against bills raised by the contractors only through bank cheques / demand drafts.

## e) Site Pictures:

- The river (Kalu), the weir and the site of the village



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- Picture of the Weir wall. Silting can be seen on the left side (upstream side)





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- This image shows the extent along the farm land where the removed silt was dumped to create a protective wall at the farm land – river boundary.



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## a) Cost:

The entire renovation work will approximately cost INR 47,00,000.00 (US\$ 66,197).

The renovation works include the following:

S #	Nature of Work	Budget (INR)	Benefits	Inspection Status
1	De-silting of Weir (April 2020 – May 2020)	15,00,000.00 (US\$ 21,127)	1. Enhanced Storage Space for Water  2. River Bank strengthening to prevent soil erosion	Site will be ready for de-silting in the month of April 2020
2	Pumping of Water from River to the Village	16,00,000.00 (US\$ 22,535)	Water available near the village	The route has been identified for laying the pipe
3	Jack-well near the river	8,00,000.00 (US\$ 11,267)	Intake Tower for the Pumping System	Site has been identified near the river for the same
4	Drinking Water Tank with separate outlet for cattle	4,00,000.00 (US\$ 5,634)	Drinking Water Station for the villagers and cattle	Site has been finalized for constructing Drinking water tank – near the ZP school
5	Washing Station	4,00,000.00 (US\$ 5,634)	Ladies are able to work near the village instead of at the river	Site has been finalized for constructing the washing station – near the ZP school

**Rtn Stuti Sensarma**  
Club President  
RY 2019-20

**Rtn Sankalp Gupta**  
Club Secretary &  
Project Chairman  
RY 2019-20

**Rtn RS Raghavan**  
Director – TRF Program  
RY 2019-20