

PROPOSAL FOR GLOBAL GRANT PROJECT
BY
ROTARY CLUB OF PERUMBAVOOR
(CLUB ID 22147 – DISTRICT 3201)
FOR
FACILITY UPGRADATION
AT
ABHAYA BHAVAN VOCATIONAL TRAINING
CENTRE, KOOVAPPADY

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Executive Summary

Bethlehem Abhaya Bhavan is a charitable organization which supports more than 450 residents who are mentally ill and are homeless. The organization functions in their own premise located at Koovappady, near Perumbavoor in Ernakulam District, Kerala, India. Inspired by the spirit of selfless service, to the most neglected of human kind, Smt. Mary Estahppan started the home in the year 1977. Abhaya Bhavan is run by contributions and help rendered by people of social organizations and individuals.

In order to take care of their own financial needs and to provide stable employment to some of the inmates, the organization is looking to develop a vocational training centre and workshop in their own premises. Rotary Club of Perumbavoor wishes to extend a helping hand by providing them with the necessary equipments and accessories to get this vocational centre up and running.

About Abhaya Bhavan

Bethlehem Abhaya Bhavan Charitable Society was established on 5th January 1998, at Koovappady, Perumbavoor, Ernakulam District, Kerala. It had a humble beginning with 5 inmates. Till date, they have extended service to more than thousand helpless individuals who were in the streets or brought by their family, police, and various voluntary organizations. Many of them have been sent back to their respective homes and some of them were married and are living a happy life with their new family. Today there are about 450 inmates (220 male and 230 female inmates). The mission of Bethlehem Abhaya Bhavan is to repose, rehabilitate and to empower socially disadvantaged sections like, the homeless, poor and mentally retarded members of the society by their proper rehabilitation, education and training and awareness generation.

What they do

- To provide food, cloth, medicine and shelter for the homeless, mentally challenged and other weaker sections of society
- To provide various medical and psychiatric treatments to the inmates
- To engage the inmates in various activities such as vocational training, group activities and recreational activities.
- To reduce the number of mentally challenged, wandering in the street by bringing them in to the Centre
- To provide various services to the inmates and the family members to cope with the circumstances to lead a normal life
- To ensure the availability of various assistance from the local government and local community and thus to support the needy
- To assist community to develop an attitude to uphold the rights and dignity of the mentally challenged
- To provide various possible assistance and networking with other similar organizations.
- To bring the inmates, especially the mentally challenged to the forefront of the society by participating them in various programs
- To financially supporting the inmates especially the mature unmarried girls to lead a married life

Psychiatric counseling

Abhaya Bhavan is availing the service of Government psychiatric and health doctors to give treatments to the patients to come out of depression and enable them to accept their present situation as an unavoidable reality and to lead a successful normal life

Vocational training

The organization is currently providing vocational training on coir making, jewelry making, mat making, glass painting and candle making. Through sale of these items, they are able to generate an additional income.



Female inmates of Abhaya Bhavan



Male inmates of Abhaya Bhavan

Awards and Recognitions

In recognition of the selfless service to the ailing and deserted human beings, Smt. Mary Esthappan was bestowed with many honours and recognitions from various organizations. One of the major awards received by Smt. Mary is the State Vanitha Rathnam – Akkamma Cherian Award for the year 2018 instituted by the State of Kerala. Our own club, Rotary Club of Perumbavoor has taken the initiative and bestowed an Excellence Award during the year 2019 to Smt. Mary Esthappan. A detailed list of awards and recognitions are provided as an annexure.

About Rotary Club of Perumbavoor

Rotary Club of Perumbavoor is located about 30 Kms from the city of Kochi, Kerala, India. The club has 66 active members from a diversified background. Our club operates out of our own building located at Iringole, about 4 Kms from the town of Perumbavoor. This club, chartered in 1984, has been in forefront of community service in this region. In fact, we have supported Abhaya Bhavan in the past, by constructing water storage tank and pump house at this facility many years back. It is with immense pride that we state that our own member Rtn. Major Donor Jose Chacko is the present District Governor of RI District 3201.

Proposed Project

The day to day running of Abhaya Bhavan is presently being managed by funds from Government grants, donation from voluntary organizations, individuals and loan. With strength growing year over year, these funds are sometimes not sufficient to manage the operations. To generate additional funds, Abhaya Bhavan has identified certain income generating projects which forms the basis for this proposal.

Abhaya Bhavan has a 3,000 sq.ft, two storey building being constructed in their own premise. The plan is to use the ground floor of this building for accommodation of inmates and first floor for training purposes.



Building for Vocational Training

Abhaya Bhavan proposes to set up four income generating projects in this facility. They are:

1. Tailoring unit
2. Cloth & Non-woven bag unit
3. Paper bag unit
4. Face mask production unit

Tailoring unit

The proposed unit will stitch all types of dresses for Ladies, Gents, Children and to take care of house hold needs (curtains, pillow covers etc.)



An increasing number of women now prefer to work and therefore need formal clothing. Ladies suit offers good look, physical comfort and perfect functionality in office as well as industrial duties. It can also be worn

on all outdoor occasions. The best positioning of a tailoring shop is to offer the dress on time and charge very affordable price. We have noticed that local advertisement and paper inserts regarding our products had a very warm response.

For this, Abhaya Bhavan needs to have a tailoring unit for providing stitching training to inmates. They have 4 instructors that are presently well versed in providing training and supervision. The machinery required and the cost is provided below:

I - TAILORING UNIT				
S. No.	Item	Qty	Rate (INR)	Amount (INR)
1	Industrial Sewing Machine	15	21,000	315,000
2	Thread Over Lock Machine	1	31,000	31,000
3	Computerised Embroidary Machine	1	285,000	285,000
4	Cutting Machine - Round Blade	1	6,900	6,900
5	Cutting Table	2	7,200	14,400
6	Steam Iron	1	3,900	3,900
	Total			656,200

Cloth & Non woven bag unit

Kerala State Government has recently banned use of plastic bags below 50 microns. Moving forward, the use of all immediately replaceable plastic items such as plastic cups, plates, spoons, PVC flex etc will be banned or its usage will be significantly reduced. This has in turn generated a huge opportunity for cloth and paper bag manufacturers. Shopper's preferences

have already shifted towards non-woven Poly Propylene for carry bags. The advantage with non-woven PP bags are, it can be collected easily by rag pickers and can be taken for recycling, which was not the case with polyethylene bags below 50 microns.



Cloth bag

Non-woven bag

The machinery required for this environment friendly project and the cost is provided below:

II – CLOTH BAG STITCHING UNIT				
S. No.	Item	Qty	Rate (INR)	Amount (INR)
1	Industrial Cloth Bag stitching machine	5	37,000	185,000
2	Flat Locking Machine	1	41,000	41,000
3	Cutting Machine – Straight Blade	1	22,500	22,500
4	Folders	1	2,000	2,000
	Total			250,500

III – NON WOVEN BAG MAKING UNIT				
S. No.	Item	Qty	Rate	Amount
1	Non Woven bag ceiling Machine	1	138,800	138,800
2	Air Compressor	1	25,400	25,400
3	Stabilizer	1	20,800	20,800
4	Accessories	1	5,800	5,800
	Total			190,800

Paper bag unit

The ban on plastic in the State has turned out to be a boon for manufacturers of paper bags. Paper bags are being seen as the obvious replacement for plastic carry bags. The disposal and recycling of plastic bags have created havoc and a threat to the environment. Suitable solution to come out of this difficulty is to replace, wherever possible, plastic bags with other bio-degradable materials such as paper bags, cotton bags, jute bags etc., considering the necessity to solve this problem there is an immediate demand for paper carry bags, which can be made in different sizes and thicknesses and are eco friendly.



The machinery required for this environment friendly project and the cost is provided below:

IV – PAPER BAG MAKING UNIT				
S. No.	Item	Qty	Rate	Amount
1	Industrial Cloth Bag stitching machine (Double colour)	1	800,000	800,000

Face mask production unit

The need for face masks has seen significant pick-up in demand since the emergence of Corona virus. Even before this, the need for masks has been on the upward trend due to increased use in hospitals, industries and due to pollution. Surgical masks are made up of a multi-layered structure, generally by covering a layer of textile with non-woven bonded fabric on both sides. Non-wovens, which are cheaper to make and cleaner thanks to their disposable nature, are made with three or four layers. These disposable masks are often made with two filter layers effective at filtering out particles such as bacteria above 1 micron. The filtration level of a mask, however, depends on the fiber, the way it's manufactured, the web's structure, and the fiber's cross-sectional shape.



Face mask



Proposed Face mask production unit

Masks are made on a machine line that assembles the nonwovens from bobbins, ultrasonically welds the layers together, and stamps the masks with nose strips, ear loops, and other pieces.

V – FACE MASK PRODUCTION UNIT				
S. No.	Item	Qty	Rate (INR)	Amount (INR)
1	Surgical Mask Manufacturing Machine	1	578,200	578,200
2	Punching Machine	1	100,300	100,300
	Total			678,500

Energy infrastructure

The energy needs and related expenditure of the new Vocational Training Centre can to an extent be mitigated with the help of (a) Solar Power plant and (b) Diesel Generator set (c) Bio gas plant.

The Kerala State Electricity Board encourages consumers to install Solar Power plant and has now started allowing consumers to swap power taken from the grid with solar power generated and given to grid. This can reduce the additional financial burden on Abhaya Bhavan and produce environment friendly energy.

Power failures being a regular feature in this region during monsoons and peak summer season, a Diesel Generator would provide a reliable backup for grid. This way, their operations can continue without worry of power stoppage.

Lots of solid food waste is being generated at Abhaya Bhavan with 450 inmates. We have included a bio waste plant that can take care of this food waste and convert this into energy that can be used for cooking.

The costs of the equipment for these are provided below:

VI – Energy infrastructure			
S.No.	Item	Amount (INR)	Amount (USD)
1	Solar Power plant – 20 KWP	1,120,000	14,933.33
2	Generator set – 125 KVA	792,000	10,560.00
3	Bio gas plant – 6 m3	196,000	2,613.33
	Total	2,108,000	28,106.66

*1USD = 75 INR

Financial Summary

S.No.	Item	Amount (INR)	Amount (USD)
1	Tailoring Unit	656,200	8,749.33
2	Cloth bag Stitching unit	250,500	3,340.00
3	Non -woven bag making unit	190,800	2,544.00
4	Paper bag making unit	800,000	10,666.66
5	Face mask production unit	678,500	9,046.66
6	Solar plant, DG set, Bio gas plant	2,108,000	28,106.66
7	Training expenses	1,00,000	1,333.33
	Total	4,784,000	63,786.66

*1USD = 75 INR

Invitation for partners

The total cost of this Project is shown above. We are looking for suitable partners in Rotary who can work together with us on this Project. Our club and District will be able to raise 50% of the above amount. We hope to raise balance amount from partnering Rotary clubs.

Please contact any of the key members of this Project shown below for further details:

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