

Project Proposal

“Project Dependence to Independence: Enabling Physically Disabled people in Maharashtra.”



Submitted by

Ratna Nidhi Charitable Trust

India

Project Dependence to Independence



Project Summary

Ratna Nidhi Charitable Trust seeks to expand the scope of its Project Dependence to Independence by distributing 926 prosthetic limbs to physically disabled beneficiaries at Mumbai, Pune, Nasik, Nanded, Latur, Jalgaon, Chandrapur and Kolapur in Maharashtra. We seek funds for this project to be able to distribute these aids to the identified beneficiaries of the project.

Project Development Context

According to a World Health Organization & World Bank report, around 15% of the world's population lives with some kind of disability. As per the Census of India (2011) 2.2% of India's population suffers from some kind of disability, which includes Locomotors disability, Visual impairment, Hearing impairment, Speech problems, Learning Disability, Autism and Multiple Disability.

Ratna Nidhi has been providing artificial prosthetic aids to people with Movement disabilities since 2000. We have distributed close to 2.5 lakh mobility aids till date by organizing camps in different states like Maharashtra, Gujarat, Jammu & Kashmir, Himachal Pradesh etc.

According to the Census of India (2011), 5,48,418 people suffer from Movement disability in Maharashtra. Ratna Nidhi has also been empaneled by the Government of Maharashtra

(Medical Education and Drug Department) in January 2019 under the Mahaparivartan program for providing 4000 artificial mobility aids like Jaipur foot¹, Calipers, Crutches and Prosthetic hands to people with Movement disability in Maharashtra. Through our work on ground and interaction with the District Social welfare officers across different districts of Maharashtra, we are provided with the number of people suffering from Movement disability in these areas. We also have the support of the government officials in these districts for beneficiary mobilization and infrastructure support. Hence this project seeks to provide free prosthetic limbs to the identified beneficiaries in Mumbai, Pune, Nasik, Nanded, Latur, Jalgaon, Chandrapur, Yavatmal, Raigad, Ratnagiri and Kolapur in Maharashtra.

We will also be providing free physiotherapy to the beneficiaries of this project, in order to strengthen their muscles, thereby enabling them to walk comfortably with their new aids.

Hence we seek financial support to help us achieve our goal under the Mahaparivartan program and impact the lives of thousands of people suffering from Movement disability.

Project Objective

Objectives	Activities
Provide 1515 artificial prosthetic aids to people with Movement disability in Mumbai/Pune, Nasik/Nanded, Latur/Jalgaon, Chandrapur/Yavatmal/Raigad/Ratnagiri and Kolapur in Maharashtra.	Mobilize beneficiaries in the proposed locations with the support of the District social welfare office. Social workers team will also be responsible to canvass villages to identify beneficiaries.
	Organize multiple screening camps where beneficiary measurements will be taken to manufacture prosthetic aids. Beneficiaries will be transported from the villages in buses to the screening camp site
	Prosthetic aids will be manufactured at our Jaipur foot centre by our technicians.
	Distribution camp will be organized to fit the aids and train the beneficiary into using it by providing free physiotherapy.
	Project Monitoring by calling/visiting beneficiaries to ensure they are using the prosthetic aids well.

¹ The idea of the **Jaipur Foot** was conceived by Ram Chander Sharma under the guidance of Dr. P.K. Sethi, who was then the head of the Department of Orthopedics at Sawai Man Singh Medical College in **Jaipur**, India. The technology has not been patented in order to impact the masses and hence we are able to manufacture this foot today. Ratna Nidhi independently manufactures Jaipur foot at its Mahalaxmi center in Mumbai and does not outsource it. Our work is not linked to the Jaipur foot organization in Jaipur in any ways and we function independently.

Methodology

The following steps will be involved in implementing the project:

1. Beneficiary Mobilization

Our team of social workers will be responsible for mobilizing the beneficiaries from different villages in the proposed location. We will collaborate with the District social welfare officer, Disability officers in the government department of various districts and the Collector to assist us in the mobilization.

Advertisements will be made using posters and in local civil hospitals, government medical colleges and village to village canvassing will be carried out by our social workers. We also work closely with Angan wadis and Asha workers in rural areas to help us mobilize beneficiaries from different pockets.

Ratna Nidhi provides aids to beneficiaries who are identified with the help of the Collector, Zilla Parishad CEO and District Social welfare officers. These government officials have a list of the disabled population in their district. These people are from low income groups with a salary range of Rs.5000 to 15,000 per month. Many of them work in the informal sector and barely make enough to survive. **Hence we cater to such groups and we will be giving special preference to women and children for this project.**

2. Screening camp

A screening camp will be organized across the proposed locations, where our technicians and prosthetic engineers will take measurements of the beneficiary in order to manufacture the artificial limb.

3. Manufacturing the prosthetic limbs

We have a dedicated team of prosthetic engineer and technicians who have over 15 years of experience in manufacturing artificial limbs. The team will be travelling to different camp locations to take measurements of the beneficiaries. These measurements will then be brought back to our Jaipur foot centre in Mumbai and the aids will be manufactured by our technicians. We will be manufacturing Below elbow prosthetic hands, Unilateral/Bilateral Jaipur foot, Knee Ankle Foot Orthosis (KAFO) Calliper and Ankle Foot Orthosis (AFO) Calliper.

4. Distribution camp and physiotherapy

After a month of the screening camp, a distribution camp will be organized to provide and fit artificial limbs to the identified beneficiaries. The beneficiaries will also be provided with free physiotherapy by our physiotherapist. This will ensure that their muscles are strengthened over time and they can comfortably walk around in their new limb.

5. Project Monitoring

Our team will have a follow up call/visit post the distribution camp with the beneficiaries, ensuring that they are using the limbs and practising the physiotherapy regularly.

Project Timeline and Location

The project will be implemented over 1 year at Mumbai, Pune, Nasik, Nanded, Latur, Jalgaon, Chandrapur and Kolapur in Maharashtra.

Expected Outcome

This project will impact over 1100 beneficiaries with Movement Disability and they will be direct beneficiaries of the project. The beneficiary count may be higher but the minimum count will be 1100.

The project will also impact 4400 indirect beneficiaries who are the family members of the beneficiary impacted.

As a result of this intervention the project envisions to accomplish;

Short term

- Access to quality prosthetic aids for free
- Improved mobility for the beneficiary
- Decreased medical expenses on artificial mobility appliances.
- Increased confidence and social standing in society.

Medium term

- Facilitating increased potential for employment opportunity
- Reduced dependency on family members leading to happier social environment.

Long term

- Increased savings of beneficiaries emerging from better employment prospects.
 - Reduced social stigma and exclusion by society.
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Budget Details

Total proposed budget to execute the project is Rs.30,00,000.

BUDGET FOR THE PROJECT						
Sr. No	Project Component	Particulars	No. of units	Cost per unit	Total Amount	Cost/Total Budget
				INR	INR	%
A	Project Cost					
A.1	Mobility Aids					
		Calipers	638	3500	2233000	
		Jaipur Foot	112	3500	392000	
		Crutches	155	850	131750	
		Prosthetic Hand	21	3500	73500	
	Total A.1	Total Mobility aid cost	926		2830250	94%
A.2	Travel/Boarding					
	Transportation cost of equipment's (small tempo will be used)	From Mumbai to Pune/Nasik, Nanded/Latur, Jalgaon/Chandrapur/Kolapur			24750	
	Travel cost for staff for screening and distribution	Includes travel for primary visit + screening+ distribution			50000	
	Travel for Beneficiary	Bus will be hired to bring beneficiaries to the camp site			15000	
	Lodging, Boarding and food cost for staff (C)					
	Lodging and Boarding for 6 prosthetic engineers and technicians	During screening and distribution camp			30000	
	Other project expenses (D)					

	Local publicity cost for camp to create awareness among beneficiaries.	Distribution of pamphlet + Local vehicles and loudspeakers will be hired for publicity in villages			50000	
	Total A.2				169750	6%
	Total cost				3000000	100%