



# ODFL Project Prospectus

## Medical Clinic for Orphans

### Mandalay, Myanmar

#### PROJECT NAME:

Kyause Temple Orphan's  
Medical Clinic

#### PROJECT SUMMARY:

This project will build a simple medical clinic on the temple grounds to serve the health care needs of these orphans. It will be simple but functional, including an admitting room, a procedure room, a recovery room, and a small office.



The total cost of the project is \$12,000. ODFL has committed to raising \$6,000 — the cost of the structure — with the balance being contributed by the Singapore Association of Myanmar and MCTA: RVi Academy.

#### PROJECT PARTNERS:

One Dollar for Life (ODFL); Singapore Association of Myanmar (SAM); and MCTA: RVi Academy of Mandalay.

One Dollar For Life helps American students build classrooms and other infrastructure projects in the developing world from their donations of one dollar (hence its name). Since its founding in 2007, ODFL has completed 75 such projects in nine countries in Asia, Central America, and Africa. ODFL is a registered 501(c)3 non-profit.

The Singapore Association of Myanmar (SAM) is a 20-year old charitable organization run by Singapore natives living in Myanmar. It conducts a range of ongoing charitable activities, including providing glasses to the indigent, an educational center for the blind, a home for the elderly, vocational training centers for women, and an orphanage.

MCTA: RVi Academy was founded with the idea of offering a high quality education at a reasonable cost. The school has been donating to and partnering with the Monastic Schools and Orphanages in Kyause for several years. MCTA Cares is the social responsibility umbrella under which students, staff and parents contribute to charitable causes.

## **PROJECT MANAGEMENT:**

### One Dollar For Life

#### **Senior Executive:**

Robert Freeman  
Executive Director  
[robertf@odfl.org](mailto:robertf@odfl.org)  
650-575-3434

#### **Supervising Executive:**

Cathy Dwulet  
Director, Global Field Operations  
[cathyd@odfl.org](mailto:cathyd@odfl.org)  
650-269-5598

### Singapore Association of Myanmar

#### **Senior Executive**

Argus Ang  
CEO, RVi Group  
Publisher, Singapore Times  
[argus.ang@gmail.com](mailto:argus.ang@gmail.com)  
95-01-536260

#### **Supervising Executive:**

David Abramson  
Vice Principal, Development  
MCTA RVi Academy of Mandalay  
[Vp.david@mctamandalay.com](mailto:Vp.david@mctamandalay.com)  
+011-959-970373656

## **PROJECT DATES:**

May 2016- March 2017

## **ABOUT THE COMMUNITY:**

The Kyause Monastic School and Orphanage is directly adjacent to the Shinpinshwegugyi Temple located in the Mandalay Division and Kyause District. It is an hour's drive from Mandalay, Myanmar's second-largest city. The temple was built around 900 A.D. and is considered a national historical site. The area is home to three villiages; Kyaung Pengone, Nyanung Pin Zauk and Ngain Toe. The temple supports more than 200 orphans, many of whom are from impoverished hill tribe regions affected by wartime strife on Myanmar's borders.

Myanmar itself is one of the poorest countries in the world. It is ranked 150 out of 187 countries on the Human Development Index. Per capita income is just \$2 per person per

day. The area surrounding the temple is semi-rural. There is no national healthcare initiative or umbrella social services for impoverished people. That role is largely performed by the Buddhist monastic organizations which receive charitable donations from local residents consisting of deeded land, buildings, basic services and goods. Area residents are primarily rice farmers engaged in subsistence agriculture.

The level of education in Myanmar is very low. According to UNESCO figures, the average adult has received only 2.8 years of schooling, and only 36.5 percent of eligible students enroll in secondary education. Today two-thirds to three-quarters of children drop out of elementary school before the fifth grade. Infrastructure (roads, bridges, electrical systems, etc.) is typically old and decrepit. Myanmar recently suffered extensive flooding as a result of extraordinary rainfall associated with global warming.

## **ABOUT THE PROJECT:**

Outside of Mandalay in the town of Kyause, a Buddhist temple has taken in more than 230 orphans who had been abandoned and left on the streets of the city. They were without food, shelter, education, medical care, or vocation. The temple currently provides all of these necessities to the orphans but it is not equipped to deal with the health care needs of so many children. Those include the most basic of needs, ranging from malnutrition and common infections to injuries, preventive medicine, hygiene, and more.

The clinic proposed here will be simple but functional, including an admitting room, a procedure room, a recovery room, and a small office. In addition to services to the orphans, it will provide basic medical services to the surrounding community which is supporting its construction. Procedures addressing life-threatening conditions, chronic diseases, and those requiring anesthesia-assisted surgery will not be provided to either orphans or community members. This is a basic services facility.

The orphans have no recorded medical histories and it is difficult to truly ascertain their medical conditions, short of examining and screening them. It is believed that few have received basic vaccinations against common diseases such as measles, tetanus, typhoid, diphtheria, etc. This will have to be addressed immediately on initiation of services to prevent onset of greater problems later.

The clinic will be constructed by temple monks under the supervision of a hired contractor, with ODFL and SAM providing locally-sourced materials. MCTA: RVi Academy, through its MCTA Cares organization, has committed to providing equipment and basic medical supplies to the project. A paid, full time, registered nurse will be provided based on donations from the community specifically earmarked for this cause. A leading Indian pharmaceutical company has offered to provide some (as yet undefined) amount of basic

medications. Two graduates of MCTA: RVi Academy who are now medical doctors have agreed to act as advisors in the setting up and operation of the clinic.

**Costs (detailed budget attached as Appendix 1):**

Construction	\$5,960
Furnishings	\$2,978
Supplies	\$ 46
Staffing	<u>\$3,013</u>
Total	\$11,997

As noted above, ODFL has committed to raising the funds for building the structure. This is consistent with its charter of investing only in capital projects. SAM and MCTA: RVi Academy have committed to funding the furnishings and supplies. The local community has committed to paying the salary of a full-time professional nurse. MCTA graduates will act as advisors in a medical capacity.

**SUITABILITY FOR VOLUNTEER TRAVEL:**

It is possible that a trip could be arranged for donor volunteers to assist with the construction of the project. Living conditions for the local population in Myanmar are among the lowest in the world. However, facilities exist to host up to 20 people at a standard that would be tolerable to international travelers. There are a large variety of cultural activities that could be accommodated, including visiting UN World Heritage sites, local farms and factories, assisting with English education for local students, and other attractions.

**EVALUATION:**

We rate this a High Priority investment based on these factors:

- The extreme need among the population served
- Absence of available alternatives to address the need
- External benefits to the surrounding area's population
- The very high impact of invested funds
- Relatively low cost compared with typical ODFL investments
- Contributions, both financial and in-kind, on the part of all local participants (temple monks, SAM, MCTA RTi Academy, and local community)
- Ability for the project to completed quickly
- Suitability for donor volunteers to visit and contribute to construction

## Appendix 1

### Kyause Medical Clinic Construction Budget

Currency conversion:

MMK:USD

1195

Reference number	Recommended materials	Costs MMK	Costs USD	Variables	Final action Taken
1	Interior construction wallboard 329.65 sq ft.	239000	200	Sheetrock/gypsum Standard	Washable/Paintable/Low moisture interior Exterior Heat block
2	4 windows 90mmX130 double pane construction with aluminum frames and insect screening	573600	480	Screens slightly extra important to keep out mosquitoes	These windows keep heat out and cooler air in. Sprecify window coverings in bright colours or use heat treated window coverings
3	Drop ceiling grid (T-bar) and panels Specifiy Acoustic Ceiling Panel USG Impressions Clima Plus Ceiling 593X593X16mm 920 sq ft.	537750	450	Keeps dust out of patient care area Allows for ample recessed lighting Requires pest control measures to keep out mice/rats	Improves lighting, acoustics, and air purity of rooms
4	Drywall studs for build out of interior frame Wall insulation 364 board feet jungle board Eave Board 1 46' Exterior Wall Wood siding golden teak 329 sq feet	358500	300	Standard	Eave board 69 ft Exterior Planks 920 ft
5	1" wall insulation pack X 3 per each	179250	150	Standard	
6	1 sliding glass door with aluminum frame spec as single pane, need to check for double pane cost as well	179250	150	Keep schedule for cleaning plan.	Exterior lock and key system. Have to check costs also based on double pane for door also
7	Granite tiled flooring 180 sq ft	239000	200	Grouted tiles are not good for this type of environment.	
8	Romex cable/trunking/GFI Outlets/light fixtures including both 1 ft above the floor and 3 feet for plugging in medical equipment	717000	600	LED/Flourescent	Mix of Warm and Cold LED lighting for maximum visitblity
9	Exterior Llighting at Front Door	143400	120	Sensor-based	Exterior light switch inside front door
10	Stainless steel hand washing sink with integral water filtration system.	215100	180	Dual basin	Review hand cleaning procedure poster.

11	Mop with squeeze roller	35850	30	Keep the clinic clear of pathogenic bacteria i.e.. Salmonella spp. Clostridium perfringens, Vibrio Cholerae Staphylococcus aureus, Bacillus cereus.	A stock of high quality hospital compliant cleaning solutions and equipment is required
12	Paper towel dispenser & Sharps disposal cabinet for syringes	59750	50	install next to sink	Stock for this item important
13	Interior and Exterior Primer and Paint	179250	150	Alkyd base, no thinning required	Brushes, rollers not included
1	Water filtration system attached to water system with tubing and Teflon plumber's tape	119500	100	Requires periodic replacement of filters	
2	Rotating Exterior Ceiling exhaust fans (2)	119500	100	Sharps container hung on wall and	
	Carpenters (2) General Laborers (2) Electrician (1) Plumber (1)	2868000	2,400		Electrician (1) Carpenters (2) General Laborers (2)
3	Water pump	119500	100	Requires electricity	
4	2 roof exhaust fans/4 internal fans	239000	200	Requires maintenance	
	<b>Total</b>	7,122,200	5,960		

## Appendix 2

### Kyause Medical Clinic Provisioning Budget

Furnishings, Supplies, Staffing

Currency conversion:                      MMK:USD                      1,195

<b>Furnishings</b>		<b>MMK</b>	<b>USD</b>
major surgical set		242,000	203
minor surgical set		74,000	62
patient bed		748,000	626
bedside table		103,000	86
stretcher		451,000	377
instrument sterilizer		32,000	27
plain bed		176,000	147
trolley		96,000	80
youth wheel chair		84,000	70
children's aneroid		9,800	8
adult aneroid		9,800	8
sphygmomanometer		29,000	24
stethoscope		4,050	3
Medication refrigerator		1,500,000	1255
<b>Subtotal</b>		<b>3,558,650</b>	<b>2978</b>
<b>Supplies</b>			
Ace Bandages-12		11,100	9
Crepe Bandage12		4,824	4
Gauze Sponges 100		3,135	3
Shoulder immobil		12,500	10
Sewing catgut		6,050	5
Paper tape 24 rolls		2,630	2
Tounge depressors		1,100	1
Aprons disposable 100      8500			0
glucose 5% X10		13,450	11
<b>Subtotal</b>		<b>54,789</b>	<b>46</b>
<b>Staffing</b>			
Nurse Salary 1 year		3,600,000	3013
<b>Total</b>		<b>7,213,439</b>	<b>6036</b>