

**PART A: PROJECT BASIC DATA**

1. Title	Solar Water Heating System
2. Location	STS Pokhriabong
3. Project Duration	4 months
4. Beneficiaries	109 students (61 boys and 48 girls)
5. Fund Requested	Rs. 287566/- (US\$7190/-)

**PART B: PROJECT CONTEXT****B.1. School Background:**

Sambhota Tibetan School Pokriabong is situated near a remote village called Sukia Porkia 30 kms southwest of Darjeeling. The local Tibetan leader of scattered Tibetan community settled around Darjeeling established the school on 15th April 1981 with 50 tiny tots. The sole objective of the school was to preserve the unique culture, tradition and religious aspect of the Tibetans. Most of the children in the school are resident boarders. They are from far flung remote parts of Bhutan, Nepal and Indo-Nepal border areas.

In 1987, the school was handed over to the DoE, and a headmaster and teachers were appointed to look after the school. After the take over of the school, many developments took place in the field of infrastructure. The DoE accorded hostel facility to this school with the aim to accommodate most of the deprived Tibetan children located in the remote areas of Indo-Nepal and Bhutan. Because of hostel facility and the closure of Kurseong school number of enrolment increased. Now they have around 109 children and 22 staff members and classes from KG to V.

Sambhota Tibetan Schools Administration (STSA) is managing the administration of this school. DoE has established STSA on 16th June 1999 to look after a group of Tibetan schools in India and Bhutan. The head office of STSA is located in Gangchen Kyishong, Dharamsala, H.P., Northern India.

**B.2. Problem statement:**

Since, the school is located in North Eastern part of India, it experiences 4 month severe winter season. Water becomes very cold and it is very difficult for the children to wash their clothes & bath with icy cold water. We have provided temporary arrangement but it hardly works to solve the problem; the situation demands a permanent solution. Since, the region has thin atmosphere, therefore, Solar Water heating is the best option as a permanent solution to this problem.

**B.3. Specific objective/s:**

- ✓ Hot water for bathing provided during winters.

**B.4. Justification:**

Conventional fossil fuels such as oil & LPG are becoming costlier day by day because of their depleting reserve. Switching over to Solar Power is economical, reliable and available in abundance. It is efficient & eco-friendly also.

**PART C: PROJECT RESULTS****C.1. Project outcomes**

Project objectives	Outcome indicator/s
Hot water for bathing provided during winters.	Hot water provided during winters. Improved cleanliness of the students.

**C.2. Project outputs**

Output/s	Output indicator/s
Solar water heating system installed in the school.	1000 LPD solar water heating system installed in the school

**C.3. Project activities**

Output/s	Activities	Inputs	Responsible Person
1000 LPD Solar water heating system installed in the school.	1.To seek approval & budget sanction 2. To contact authorized supplier for the installation 3. Site visit by the supplier 4. Purchase and installation 5. Completion report	Rs. 287,566.00	School head & school purchase committee.

**PART D: PROJECT BUDGET**

	DESCRIPTION	Amount in Rs
1	Project Expenses:	
	a) Vajra 1000 LPD HHC System	248,000.00
	b) Vat extra 4%	9,920.00
	c) Miscellaneous expenses	5,000.00
2	DIRECT PROJECT COST (1a+b+c)	262,920.00

3	Monitoring, evaluation	13,146.00
4	Administration (Max. 4% of direct project cost)	11,500.00
5	INDIRECT PROJECT COST (3+4)	24,646.00
6	TOTAL EXPENDITURE (2+5)	287,566.00
	<b>FUND REQUESTED (6)</b>	<b>Rs. 287566/- US\$ 7190/- *</b>

\* Note: 1US\$@Rs.40

## **PART E: MONITORING & EVALUATION**

School head will execute the project. The dealing Project section at the DOE will examine all the related activities of project and submit its periodical and completion reports with financial statement and pictures to concerned donors for necessary accountability & transparency.

## **PART F: MANAGEMENT TEAM**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Responsibility</b>
1	Karma Chungdak	Director	Project Direct
2	Lobsang Gonpo	Project Officer	To assist PD
3	School Head	Principal/Headmaster	Execution of the project.
4	Purchasing Committee	Member	To assist. Execution of project at local level

Project Submitted by:

Project Section,  
Department of Education,  
Central Tibetan Administration,  
Gangchen Kyishong,  
Dharamsala,  
Distt. Kangra,  
Himachal Pradesh - 176215  
India.

Email: [doe.project@gov.tibet.net](mailto:doe.project@gov.tibet.net) and [education@gov.tibet.net](mailto:education@gov.tibet.net)