

Project no.:IDP-IV(13b)

**PART A: PROJECT BASIC DATA**

1. Title	Solar Water Heating System
2. Location	Sambhota Tibetan School, Bhuntar
3. Project Duration	4 months
4. Beneficiaries	132 students (60 boys and 72 girls)
5. Fund Requested	Rs. 287566/- (US\$7190/-)

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

DoE has established the Bhuntar School in 2001 with the aim to provide basic primary education needs of the local Tibetan children in the region. Sufficient number of classrooms and hostel block has been purchased from a local private school, which was closed down. Education Minister has formally inaugurated Sambhota Tibetan School (STS) Bhuntar, on July 16<sup>th</sup>, 2002. Since then, the school has been functioning as a residential school with Class VI to X, primarily to facilitate the children of Class VI to VII from CST Manali where a primary school exists. This school will mainly serve as the feeder school for destitute Tibetan children residing in Kullu district and neighboring area. The school will also likely to benefit the residents of local children.

Sambhota Tibetan Schools Administration (STSA) is managing the administration of the 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 Northern 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
7	FUND REQUESTED (6)	Rs. 287566/- US\$ 7190/- *

\* 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:

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