

Date: 25/5/2009

Project no.:IDP-IV(13)

PART A: PROJECT BASIC DATA

1. Title:	Solar water heating system
2. Location:	STS Gangtok
3. Start date:	January 2009
4. Completion date:	April 2010
5. Target group:	188 students (100 boys and 88 girls)
6. Beneficiary's contribution:	Nil
7. Amount Requested:	Rs. 287,566.00
8. Executing agency:	School Head
9. Implementation agency:	Karma Chungdak & Lobsang Gonpo
10. Type:	Central project

PART B: PROJECT CONTEXT

B.1. Problem statement:

The School is located in North East India and 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.2. Specific objective/s:

- ✓ Hot water for bathing provided during winters.

B.3. 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: 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 E: MANAGEMENT TEAM

Sl. No.	Name	Designation	Responsibility
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

PART F: ANNEXURES

Annex 1: Project Budget

Annex 2: Project Timeframe

Annex. 1

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	AMOUNT REQUESTED (6)	287,566.00

Annex 2

Time frame:

Planned Activities	Timeframe							
	Year 1				Year 2			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1. To seek approval	█							
2. To contact authorized supplier for the installation		█						
3 Purchase and installation		█						
4. Completion report				█				