



REQUEST FOR PROJECT PREPARATION GRANT (PPG)
PROJECT TYPE: MEDIUM-SIZED PROJECT
THE GEF TRUST FUND

Submission date: 20 November 2008

Re-submission date: **06 May 2010**

GEFSEC PROJECT ID¹: 3844

GEF AGENCY PROJECT ID: PIMS 4181

COUNTRY(IES): Bhutan

PROJECT TITLE: Promoting Sustainable Rural Biomass Energy

GEF AGENCY(IES): UNDP

OTHER EXECUTING PARTNER(S): Department of Energy, Ministry of Economic Affairs, Royal Government of Bhutan

GEF FOCAL AREA(S): Climate Change

GEF-4 STRATEGIC PROGRAM(S): CC-SP4: Promoting Sustainable Energy Production from Biomass

NAME OF PARENT/PROGRAM/UMBRELLA PROJECT: N/A

A. PROJECT PREPARATION TIMEFRAME

Start date	July 2010
Completion date	December 2011

B. PROJECT PREPARATION ACTIVITIES (\$)

Describe the PPG activities:			
List project preparation activities	GEF Grant	Co-financing	Total
1. Review of experiences in the following: <ul style="list-style-type: none"> • Application of renewable energy technologies for lighting, household appliance use, cooking, heating and rural enterprise appliance utilization applications • Biomass gasifiers, biogas digesters, wood briquetting, EE cookstoves and furnaces production operations and performance (technical, economic, social) • Community-based woodlot management, including setting sustainability criteria, certification of production • Area-based/ community-based energy needs assessment and planning <p>Local experiences on the above will be reviewed as well as those in other countries especially those with the same conditions and circumstances as Bhutan. This is for the purpose of identifying feasible technology applications that can be demonstrated and adopted.</p>	8,000	1,500	9,500
2. Conduct of Logical Framework Analysis (LFA) workshop – to define project goal, objective,	3,000	3,000	6,000

¹ Project ID number will be assigned initially by GEFSEC. If PIF has been submitted earlier, use the same ID number as PIF.

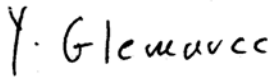
outcomes, outputs and activities, including success indicators, as well as delineation of responsibilities among the stakeholders			
3. Detailed Design of Project Components & Activities –Includes conduct of studies/evaluations for use in the design of specific project activities (includes basic design and location of demonstration projects, estimation of potential energy savings and CO2 emission reduction, project activities budgeting, etc.)	12,250	7,500	19,750
4. Coordination Mechanisms and Other Institutional Work – include discussions with project partners (e.g., demonstration hosts and co-financers)	1,750	1,750	3,500
5. Preparation and finalisation of GEF Project Document	0	3,000	3,000
Total project preparation financing	25,000	16,750	41,750

C. PPG BUDGET REQUESTING FINANCE BY GEF

Cost Items	Total Estimated Person Weeks (PW)	GEF (\$)	Co-financing (\$)	Total (\$)
Local consultants *	19	8,250	6,000	14,250
International consultants*	6	15,000	0	15,000
Travel		1,750	5,000	6,750
Total PPG Budget		25,000	11,000	36,000

* Split between local and international consultants might be indicative and subject to the procurement guidelines of the Agencies. Additional information regarding consultants should be provided in Annex A.

D. GEF AGENCY(IES) CERTIFICATION

This request has been prepared in accordance with GEF policies and procedures and meets the GEF criteria for project identification and preparation.	
 Yannick Glemarec UNDP/GEF Executive Coordinator	Project Contact Person: Faris Khader Regional Technical Specialist for Climate Change
Date: 06 May 2010	Tel. and Email: +66 2288 2756 faris.khader@undp.org

Annex A

Consultants Financed by the Project Preparation Grant (PPG)

Position Titles	\$/ Person Week	Estimated PWs	Tasks to be performed
Local			
Climate Change Project Development Expert	750	4	Design survey program of rural biomass energy technology applications for household, community and local enterprise use; participate in LFA and project design.
EE Cookstove/ Furnace Expert	750	3	Investigation of EE cookstove/furnace production and application experiences, identification and design of EE cookstove/furnace production financing program, design of EE cookstove/furnace distribution program and project activity design.
Community Forestry Expert	750	3	Providing advice and recommendations related to establishment of community woodlots, determining sustainability criteria for wood biomass production and utilization, as well as certification of production.
Biomass Energy Conversion for Power Technology Expert	750	3	Investigation of biomass energy conversion technologies and application experiences, identification and design of pilot biodigesters, biomass gasification and applications demonstrations, and project activity design.
Rural Economy and Rural Planning Expert	750	3	Providing advice and recommendations related to the sustainable development of rural enterprise energy use technologies and area-based/community-based planning
Network Development and Information Dissemination Expert	750	3	Responsible for activity design and consultation of the project component on information dissemination and awareness enhancement.
International			
Climate Change Project Development and Management Expert	2,500	6	Responsible for detailed analysis of cost-effectiveness of the project, facilitation of the LFA, and review of the design of project outcomes and outputs, as well as success indicators and targets, means of verification and assumptions/risks.

\$14,250 Local Experts

\$15,000 International Experts