



PROJECT PREPARATION GRANT (PPG)

PROJECT TYPE: Full-sized Project

TYPE OF TRUST FUND: GEF Trust Fund

Submission date: 03/19/2012

Resubmission date: 01/16/2013

GEF PROJECT ID: 4899

GEF AGENCY PROJECT ID: 4945

COUNTRY(IES): Indonesia

PROJECT TITLE: Promoting Energy Efficiency for Non-HCFC Refrigeration and Air Conditioning (PENHRA)

GEF AGENCY(IES): UNDP

GEF FOCAL AREA(s): Climate Change

A. PROJECT PREPARATION TIMEFRAME

Start date of PPG	12/01/2012
Completion date of PPG	30/08/2013

B. PROPOSED PROJECT PREPARATION ACTIVITIES (\$)

Describe the PPG activities and justifications: The PPG exercise will focus on the activities that are necessary to collect adequate information and conduct relevant analyses to design and prepare the full-size project document and CEO Endorsement Request for the proposed GEF-funded project.					
List of Proposed Project Preparation Activities	Output of the PPG Activities	Trust Fund	Grant Amount (a)	Co-financing (b)	Total c = a + b
1. Conduct baseline studies and assess (a) energy performance benchmark for Refrigeration and Air conditioning (RAC) equipment and appliances, and (b) technical assessment for the application of energy efficient (EE) technologies and techniques in RAC equipment and appliances manufacturing	Detailed assessment report on the following: <ul style="list-style-type: none"> • Energy performance benchmark of RAC equipment and appliances from targeted manufacturers • Proposed application of energy efficient (EE) technologies and techniques to manufacture energy efficient RAC equipment and appliances • Listed priority equipment type, and suggested an approach for addressing implementation of MEPS 	GEF TF	20,000	25,000	45,000
Analyze and design (a) financial assistance program on the basis of a methodology for the	Conducted stakeholder consultation workshops and come up with: <ul style="list-style-type: none"> • a methodology for financial assistance under PENHRA 	GEF TF	17,500	21,000	38,500

selection of manufacturers that would benefit from grant funding, (b) maintained consistency in the disbursement of grant assistance between MLF and GEF, (c) options for technology adoption by the manufacturers and opportunities for North/South and South/South technology transfer	<p>which maintains a consistency with MLF policies through stakeholder consultation workshops</p> <ul style="list-style-type: none"> • options for technology transfer explored if at all applicable 				
3. Conduct of Logical Framework Analysis (LFA) with the project stakeholders	<ul style="list-style-type: none"> • Agreed logical framework or project planning matrix defining the project goal, objective, outcomes and outputs, with the relevant indicators (with baseline & target values), means of verification and critical assumptions • Finalised implementation plan along with institutional structure & manpower plan for project implementation, monitoring and knowledge dissemination 	GEF TF	25,000	25,000	50,000
4. Detailed Design of Project Components & Activities	<ul style="list-style-type: none"> • Detailed design of the project activities which are incremental compared to baseline activities and based on the outputs of LFA workshop 	GEF TF	30,000	10,000	40,000
5. Establishment of institutional framework for project partners/co-financiers in the project implementation and to ensure close coordination with co-financed baseline activities	<ul style="list-style-type: none"> • Finalized required agreements for the project implementation arrangements including co-financed baseline activities • Established well defined communication mechanism among key stakeholders / partners • Obtained letter of commitment for Co-financing from partners 	GEF TF	9,966	8,000	17,966
6. Drafting of the	<ul style="list-style-type: none"> • Draft ProDoc and responses 	GEF TF	0	6,000	6,000

Project Document	to comments (if any)				
7. Finalization and Submission of the ProDoc and CEO Endorsement Request	<ul style="list-style-type: none"> Final ProDoc & CEO Endorsement Request 	GEF TF	0	5,000	5,000
Total Project Preparation Financing			102,466	100,000	202,466

C. FINANCING PLAN SUMMARY FOR PROJECT PREPARATION GRANT: (\$)

	Project Preparation	Agency Fee
Grant Amount	102,466	9,734
Co-financing	100,000	
Total	202,466	9,734

D. PPG AMOUNT REQUESTED BY AGENCY(IES), FOCAL AREA(S) AND COUNTRY(IES)¹: N.A.


E. PPG BUDGET

Cost Items	Total Estimated Person Weeks for Grant (PW)	Grant Amount (\$)	Co-financing (\$)	Total(\$)
Local consultants *	60	45,000	30,000	75,000
International consultants*	13	32,500	0	32,500
Travel		7,000	35,000	42,000
Workshop & Stakeholder Consultations		15,466	30,000	45,466
Office and Miscellaneous		2,500	5,000	7,500
Total PPG Budget		102,466	100,000	202,466

* Annex A for Consultant cost details should be prepared first before completing this table. See notes on Annex A for the required detailed information. This table is the sum of all local and international consultants presented in Annex A.

F. GEF AGENCY(IES) CERTIFICATION

This request has been prepared in accordance with GEF policies and procedures and meets the GEF LDCF/SCCF/NPIF Trust Fund criteria for project identification and preparation.

Agency Coordinator, Agency Name	Signature	Date (Month, day, year)	Project Contact Person	Telephone	Email Address
Adriana Dinu UNDP/ GEF Officer-in-Charge		01/16/2013	Butchaiah Gadde, Regional Technical Specialist	+66 2304 9100 ext 5048	butchaiah.gadde @undp.org

Annex A

Consultants Financed by the Project Preparation Grant (PPG)

Type of Consultant	Position / Titles	\$/PW¹	Estimated PWs²	Tasks to be Performed
Local	Energy Efficiency Technical Specialist	750	20	<ol style="list-style-type: none"> 1. Provide an overview of RAC equipment and appliances produced by manufacturers in Indonesia. 2. Provide nationally acknowledged energy performance testing standards used for RACs. 3. Engage government, RACs manufacturers, and testing institutions/laboratories to support energy performance benchmarking study and technical assessment. 4. Collaborate with accredited testing laboratories to conduct energy performance testing. 5. Develop energy performance benchmark and technical assessment report. 6. List priority equipment type, and the suggested approach for addressing implementation of minimum energy performance standards (MEPS) 7. Design and suggest financial assistance program along with a methodology for the selection of manufacturers that would benefit from the available limited grant funding 8. Analyse specific guidelines provided by MLF Executive Committee and GEF procedures while funding multinational manufacturers and come up with an approach to ensure that there is consistency in the guidelines being used for grant assistance 9. Identified a set of energy efficient technologies and techniques to manufacture energy efficient RAC equipment and appliances. 10. Analyze the cost-benefit analysis of energy efficient equipment and related broader economic benefits 11. Facilitate stakeholder consultation workshops to discuss the recommendations and provide required technical inputs. 12. Develop final report.
Local	Energy Efficiency Policy Specialist	750	20	<ol style="list-style-type: none"> 1. Conduct desk study and interviews on energy efficiency policies in Indonesia and elsewhere in the region, with a focus on energy efficient RAC equipment and appliances. 2. List possible policies in line with the priority equipment type (level of penetration and coverage), and the stringency levels that will be pursued for addressing implementation of MEPS 3. Identify an approach for the implementation of possible policy options. 4. Provide an analysis on how public awareness of benefits of energy efficient RACs will lead to greater market penetration 5. Detail the policies and related activities that are covered in PENHRA project and demonstrate that these are additional to those covered already in the HPMP project 6. Demonstrate the linkage in awareness activities covered under both PENHRA and HPMP projects 7. Detailed analysis of the options for technology adoption by the manufacturers and opportunities for North/South and South/South technology transfer

				8. Facilitate stakeholder consultations to discuss on the policy options and provide inputs. 9. Develop final report.
Local	Project management Specialist	750	20	1. Participate in stakeholder consultations and coordinate overall technical inputs, comments and suggestions 2. Conduct Logical Framework Analysis 3. Consolidate the inputs from LFA exercise and individual experts 4. Structure the draft of project document in coordination with International consultant. 5. Prepare operation manual for the project including but not limited to: administrative rules, regulation, procedure following UNDP guidelines; and complete set of financial procedures to be followed by the project. 6. Put in place project reporting and monitoring guideline following UNDP standards. 7. Assist International consultant in finalizing Project Document.
International	Project Development and Management Specialist	2,500	13	1. Participate in stakeholder consultations and coordinate overall technical inputs, comments and suggestions 2. Finalise the inputs from individual experts. 3. Preparation of project proposal document which includes: <ul style="list-style-type: none"> • Discuss outline activities with rest of the experts • Prepare draft UNDP ProDoc, CEO endorsement request and CC tracking tool documents based on inputs during consultation and from individual experts • Finalize the documents based on feedback from UNDP CO/Bangkok, liaising with individual experts in the team for required inputs/clarifications 4. Finalize Project Document <ul style="list-style-type: none"> • Assist with clarifications on comments from GEF Sec review

¹Provide dollar amount per person week

²Provide person weeks needed to carry out the task