



INITIATION PLAN FOR A GEF PROJECT PREPARATION GRANT (PPG)

Country Bangladesh

Relevant UNDAF Outcome(s) and Indicator(s): *UNDAF Pillar 5 Outcome 2: By 2016, vulnerable populations benefit from natural resource management (NRM); environmental governance and low- emission green development.*”

Relevant CP/CPAP Outcome(s) and Indicator (s): The programme will serve as the key vehicle to achieve the Country programme/UNDAF Outcome 3.2: By 2016, vulnerable populations benefit from better natural resource management and access to low carbon energy.

Outcome indicators: Number of new government policies, strategies or plans formulated in support of sustainable use of natural resources; Energy from renewable sources; Land area covered by forest

Relevant UNDP Strategic Plan 2008-2011 Key Result Area: KRA 4.4: Developing local capacity to manage the environment and expand access to energy service delivery.

Expected Project Outcome (s) and Indicator (s):

Favorable policy and regulatory environment created for renewable energy investments; investment in renewable energy technologies increased; GHG emissions avoided

Programme Period: Jan 2012- Dec 2012
Programme Component: Renewable Energy Generation
PPG Title: Development of Sustainable Renewable Energy Generation
ATLAS Project ID: 00080108
PIMS Project ID: 3948
Duration: 12 months
Management Arrangement: UNDP Implementation in partnership with MOEPMR (Power Division)

Total budget:	\$600,000
Allocated resources:	
• Government	\$450,000(In kind)
• GEF	\$150,000

AGREED BY UNDP RESIDENT REPRESENTATIVE / UNDP DIRECTOR:

Stefan Priesner,
Country Director

Signature

Date: (Month, day, year)

12/01/2011

Stefan Priesner
Country Director
UNDP-Bangladesh

Brief Description of Initiation Plan

The PPG will only focus on those activities that are necessary for the preparation of the full-sized project document. Proposed project preparation activities include: assessment of existing policy, legal and regulatory issues to create an enabling environment for private sector investment in RE power generation; identification of key stakeholders and their capacity assessment; RE generation technology application assessments based on existing RE resource data (analysis of existing data to determine further RE resource assessments and primary RE resource mapping) ; evaluation of various financial and electricity market models within the country and the region and their comparative advantages; Logical Framework Analysis (LFA) to validate project goal, objective and outcomes and determine outputs, activities, success indicators, and responsible parties; detailed design of project activities, management arrangements, M&E mechanisms, and co-financing arrangements; and Preparation of the Project Document and CEO Endorsement Request.

Purpose

Peak electricity demand in Bangladesh is on the order of 5,500 MW. Maximum generation is around 4,300 MW creating a gap of 1200MW (or 28%) between demand and supply. The Government of Bangladesh (GoB) is seeking the means to reduce the demand-supply gaps through conventional and non-conventional energy projects. The substitution of non-conventional energy is a focus of government policy due to the decline in conventional primary energy fossil fuel availability, price volatility in the international market for fossil fuels, and the need for energy security of the country. One major area of interest is promotion of renewable energy technologies for power generation. The use of renewable energy technologies (RETs) is also crucial to the GoB's plans to extend access to electricity to rural areas that currently do not enjoy power from the grid. This includes wind, solar and biomass energy for power generation. All of these technologies have significant potential for clean and GHG-free electricity generation that is largely untapped.

GoB's commitment to energy security is elaborated in a vision paper entitled "Energy for All by 2020". Bangladesh also has references to renewable energy in the "Energy Policy of Bangladesh" (2004). Presently, the GoB with assistance from UNDP and former GTZ has prepared an updated version of the National Energy Policy (NEP) by harmonizing all the energy policies into a single document. The draft NEP has identified renewable energy as one of the four pillars of energy development in Bangladesh. As a signatory to the Millennium Declaration, Bangladesh is committed to halving its poverty level by 2015, in part through providing affordable power for its population. In parallel, the GoB's Poverty Reduction Strategy (PRS) recommends the establishment of a "Renewable Energy Trust Fund to finance renewable energy projects and Research and Development activities." The Renewable Energy Policy of Bangladesh, finalized in 2008, formally commits to the establishment of the Sustainable Energy Development Agency (subsequently changed to Authority) (SEDA), and implementation of institutional, financial and regulatory changes needed to promote renewable energy development.

While the Government has set targets and has plans to invest in renewable energy projects, there are still a number of hurdles and gaps to address. Recent consultations with a wide range of government and development partners have reaffirmed that there is a need for a comprehensive wind energy resource assessment to facilitate private sector investment in this area. The discussions also confirmed that there has been very limited support up until now for biomass power projects and that solar lanterns and household biogas show considerable potential. Furthermore, before SEDA can play its envisioned role as the nodal agency for renewable energy in Bangladesh, its institutional capacity will have to be strengthened. These are all areas where GEF support will be essential continuation of UNDP support to GED in policy development discourse and also helps to formulate new projects based on the successful experiences and practices of the MDG support project.

The key purpose of the IP assistance would be focus on those activities that are necessary for the preparation of the full-sized project document.

The objective of the full size project is reduction in the annual growth rate of Green House Gas (GHG) emissions from fossil fuel-fired power generation through the exploitation of Bangladesh's renewable energy resources for electricity generation.

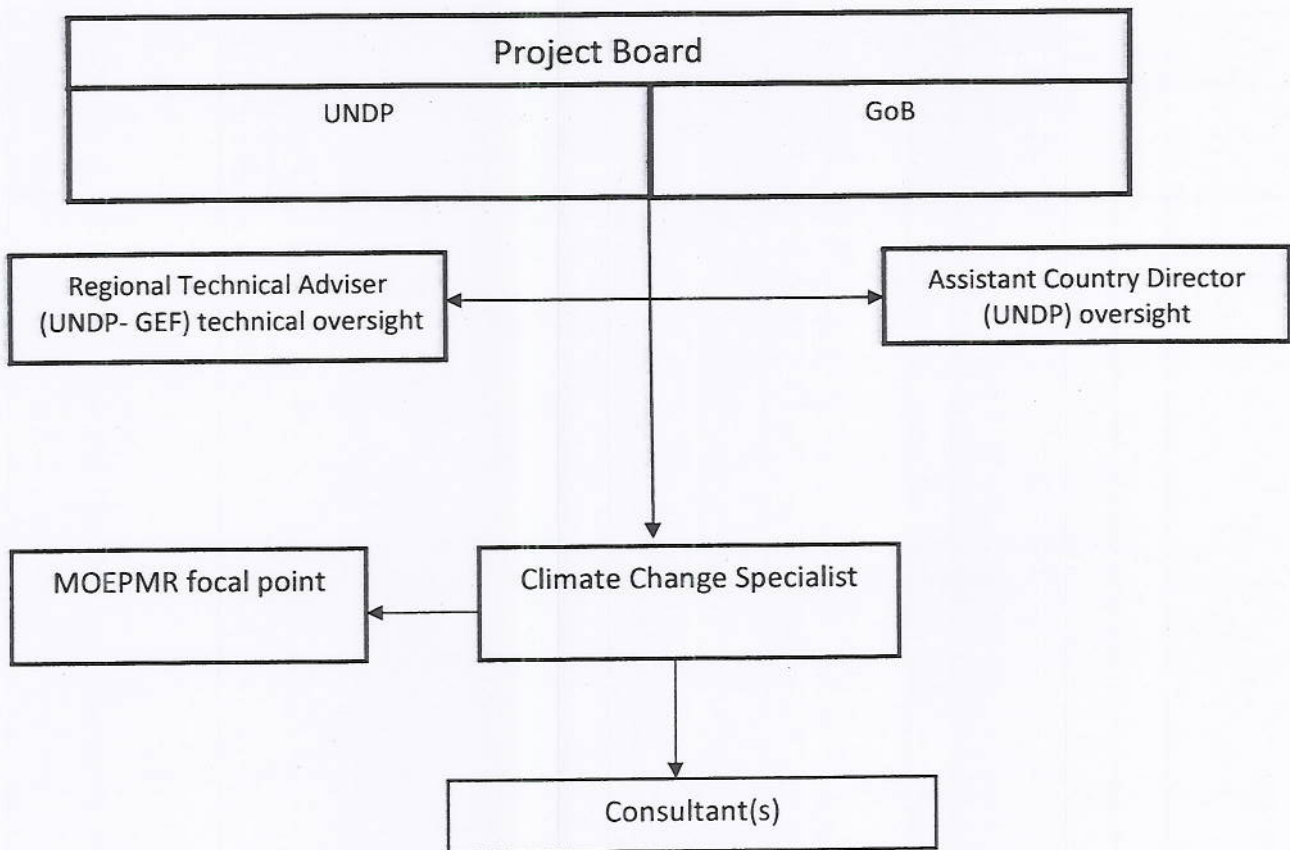
Output

The key output of the Initiation Plan phase will be the Project Document for the full project. Deliverables leading to the output are described below:

1. Baseline analysis of the regulatory, policy and institutional issues of RE-based power generation in general, and wind and biomass energy systems in particular
2. Stakeholder analysis including capacity needs assessment
3. Documentation of feasible RE power generation and Review of existing RE data
4. Comparative analysis of RE power business models
5. Logical Framework Analysis; proceedings of LFA workshop
6. Documentation of proposed project activities (including budgets) based on the project log frame; co-financing commitment letters

Management arrangements

Development of Sustainable Renewable Energy Generation PPG: Management Arrangements



The PPG will be implemented by UNDP in partnership with GOB. PMU will not be needed at the PPG stage. Within UNDP, consultant (s) will report to the Climate Change Specialist (Energy and Mitigation)

who will be UNDP focal point responsible for implementation of the Initiation Plan. The recruited consultant (s) will report to the UNDP focal point. The concerned ministry (MOEPMR) will designate a focal person who will maintain day to day contact with the Climate Change Specialist. For IP assurance, the ACD will be responsible from the Country Office and as outlined in the "Delegation of Authority" from UNDP/GEF Executive Coordinator, UNDP/GEF Regional Technical Advisor will be available for Technical and Specialized Funding Opportunities (SOF) oversight and support

There will be a Project Board consisting of GOB and UNDP Senior Management and cluster members and any relevant RE expert (td) and UNDP focal point will serve as Secretary to the Project Board.

Monitoring

The key output of the PPG stage will be the full project document which will be submitted to Project Board at the end of Initiation Plan period. The completed Project Document will be assessed for quality by the cluster ACD and Regional Technical Adviser using the Country Office's check list for Review of Project Documents and will be submitted to the Project Board for review and approval.

Risk and issues will also be captured and updated by the UNDP focal point to facilitate tracking and resolution of potential problems or requests for change. Lesson-learned shall also be regularly updated to ensure on-going learning and adaptation within the organization, and to facilitate the preparation of the Lessons-learned Report at the end of the project. Quality assurance and advisory support will also be provided UNDP/GEF Regional Technical Advisor throughout IP period.

Total Budget and Annual Work Plan

Award ID: 00062581						
Project ID: 00080108						
Award Title: Development of Sustainable Renewable Energy Generation						
Business Unit: BGD10						
Project Title: Development of Sustainable Renewable Energy Generation						
Implementing Partner: Energy and Power Division, Ministry of Energy, Power and Mineral Recourses						
GEF Outcome/Atlas Activity	Responsible Party/Implementing Agent	Fund ID	Donor Name	Atlas Budgetary Account Code	ATLAS Budget Description	Amount (USD)
OUTCOME 1: Baseline analysis of the regulatory, policy and institutional issues of RE-based power generation	UNDP	62000	GEF	71300	Local Consultants	20,000
	UNDP	62000	GEF	71600	Travel	5,000
					Sub-total	25,000
OUTCOME2: Stakeholder analysis and Capacity needs assessment	UNDP	62000	GEF	71300	Local Consultants	15,000
	UNDP	62000	GEF	71600	Travel	5,000
					Sub-total	20,000
OUTCOME 3: Documentation of feasible RE power generation and Review of existing RE data	UNDP	62000	GEF	71200	International Consultant	25,000
					Sub-total	25,000

OUTCOME 4: Comparative analysis of RE power business models	UNDP	62000	GEF	71200	International Consultant	25,000
					Sub-total	25,000
OUTCOME 5: Logical Framework analysis, proceeding of LFA Workshop	UNDP	62000	GEF	71200	International Consultant	10,000
	UNDP	62000	GEF	71300	Local Consultants	10,000
					Sub-total	20,000
OUTCOME6: Documentation of proposed project activities (including budgets) based on the project log frame; Co-financing commitment letters				71200	International Consultants	30,000
	UNDP	62000	GEF	71300	Local Consultants	5,000
					Sub-total	35,000
					PPG TOTAL	150,000

Summary of Funds

GEF	150,000
Co-Financing (in kind)	450,000
TOTAL	600,000

ANNEXES

Annex 1: LPAC LPAC Meeting Minutes

Annex 2: IP Risk Log

Annex 3: Delegation of Authority

Annex 4: GEF Project Preparation Grant Approval Document



Ref: UNDP/Energy/2011

Local Project Appraisal Committee (LPAC) Report
Record of Discussions

Initiation Plan (IP) Title: Development of Sustainable Renewable Energy Generation

Meeting Date: 27 December 2011

Venue: 18th floor Conference Room

Participants: see attached list

1. Opening

The Chair opened the meeting and explained the purpose of the Local Appraisal Meeting to discuss the Initiation Plan (IP) on the *Development of Sustainable Renewable Energy Generation* UNDP-GEF project.

2. Presentation on the Initiation Plan

GoB's commitment to energy security is elaborated in a vision paper entitled "Energy for all by 2020". As a signatory to the Millennium Declaration, Bangladesh is committed to halving its poverty level by 2015, in part through providing affordable power for its population. In parallel, the GoB's Poverty Reduction Strategy (PRS) recommends the establishment of a "Renewable Energy Trust Fund to finance renewable energy projects and Research and Development activities." The Renewable Energy Policy of Bangladesh, finalized in 2008, formally commits to the establishment of the Sustainable Energy Development Agency (subsequently changed to Authority) (SEDA), and implementation of institutional, financial and regulatory changes needed to promote renewable energy development. While the Government has set targets and has plans to invest in renewable energy projects, there are still a number of hurdles and gaps to address.

A power point presentation by UNDP Climate Change Specialist explained that the key purpose of IP assistance would be to focus on those activities that are necessary for the preparation of a full-sized project document which aims at: "*reduction in the annual growth rate of Green House Gas (GHG) emissions from fossil fuel-fired power generation through the exploitation of Bangladesh's renewable energy resources for electricity generation.*" It was explained that the full sized Project Document would be the output of this IP. Additional slides provided information on activities/deliverables leading to the key output; management arrangements during IP period; monitoring and follow up issues.

3. Record of Discussions

- Clarification was sought on "in kind" support from MOEPMR side. It was clarified that GOB would not be expected to make a cash contribution towards expenseses related to consultant (s) travel etc. Support would be purely in-kind to faciliate preparation of project document.



Bangladesh

- It was suggested and agreed that during the project document preparation, policy related updated information will be compiled and reflected in full project document to ensure no overlap with ongoing activities, including work done by the World Bank and ADB.
- It was suggested that "Power Division" within MOEPMR should be specified as implementing partner for the full project as opposed to "Energy" division. UNDP will be the implementing partner for the IP phase, in collaboration with the MOEPMR.
- From RRMCC, it was appreciated that baseline data will be collected at IP stage and it was suggested that when first results framework is being developed for the ProDoc, it should be ensured that the indicators used to monitor the project make use of this baseline data.
- It was also highlighted that the UNDP Climate Change Specialist will serve as the Project Manager in the IP Management Arrangements, and will report to Project Board. It was clarified that MOEPMR and ERD will represent the GoB on the Project Board.
- It was suggested that budget allocated for Capacity Needs Assessment may need to be reconsidered as the budget appears to be too low.
- It was noted that "outcomes" as reflected in GEF template differs from the ones used in Results Based Management work in UNDP.
- The project formulation team was asked to include the first risk log with the IP document.
- Clarification was sought on why "wind resource assessment" was highlighted and it was explained that as opposed to solar resource assessment which has been studied at length, there is an expressed need from GOB to concentrate on wind resource assessment as only piecemeal efforts are underway now. There is a clear need for coordinated approach for assessment of wind resources in Bangladesh.
- It was agreed that the IP will fill in the void for focused contribution to renewable energy work in Bangladesh and it was important that IP is approved without delay.

4. Conclusions

Following the agreed changes to the IP document as noted above, the LPAC recommended approval of the Initiation Plan. The chair thanked all the participants and closed the meeting.

5. Attachment

- i. IP document
- ii. Participant list

6. Prepared by: Ms. Sarwat Chowdhury, Climate Change Specialist, UNDP

Sarwat Chowdhury

7. Approved by: Chair of the LPAC: Ms. Jessica Murray, Assistant Country Director, UNDP

Jessica Murray



Participants:

Ms. Jessica Murray, UNDP (LPAC Chair)
Ms. Shaila Khan, UNDP
Mr. Ashiqul Tarik, UNDP
Mr. Jorg Nadoll, UNDP
Mr. K. Morshed, UNDP
Mr. Aftab Ahmed, UNDP
Ms. Sarwat Chowdhury, UNDP
Ms. Majeda Huq, UNDP
Mr. Aminul Islam, UNDP
Mr. Tarikul Islam, UNDP
Mr. Kalyan Pandey, UNDP
Mr. Nader Rahman, UNDP
Mr. Monirul Islam, GED
Mr. Yakub Ali, GED
Mr. Nawsher Ahmed, ERD
Mr. Modabbir Alam, MOEPMR
Mr. Monwar Islam, MOEPMR



OFFLINE RISK LOG

(see *Deliverable Description* for the Risk Log regarding its purpose and use)

Project Title: Development of Sustainable Renewable Energy Generation

Award ID: 00080108

Submitted by:

Last Update:

Date:

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Mngt response	Owner	Submitted, updated by	Last Update	Status
	Enter a brief description of the risk <i>(In Atlas, use the Description field. Note: This field cannot be modified after first data entry)</i>	When was the risk first identified <i>(In Atlas, select date. Note: date cannot be modified after initial entry)</i>	Environmental Financial Operational Organizational Political Regulatory Strategic Other Subcategories for each risk type should be consulted to understand each risk type (see Deliverable Description for more information) <i>(In Atlas, select from list)</i>	Describe the potential effect on the project if this risk were to occur Enter probability on a scale from 1 (low) to 5 (high) P = Enter impact on a scale from 1 (low) to 5 (high) I = <i>(In Atlas, use the Management Response box. Check "critical" if the impact and probability are high)</i>	What actions have been taken/will be taken to counter this risk <i>(In Atlas, use the Management Response box. This field can be modified at any time. Create separate boxes as necessary using "+", for instance to record updates at different times)</i>	Who has been appointed to keep an eye on this risk <i>(In Atlas, use the Management Response box)</i>	Who submitted the risk <i>(In Atlas, automatically recorded)</i>	When was the status of the risk last checked <i>(In Atlas, automatically recorded)</i>	e.g. dead, reducing, increasing, no change <i>(In Atlas, use the Management Response box)</i>
1	Full sized project is cancelled	First January 2012	Financial	P = 1 I = 4	<ul style="list-style-type: none"> Maintaining strong coordination with government Maintaining good relationship and conduct different awareness and consultation meetings with donors and private sector 	UNDP	UNDP		
2	Key government official buy-in no longer available	First January 2012	Political	P = 2 I = 4	<ul style="list-style-type: none"> Keep an open working relationship with gov't counterparts and policy makers 	UNDP	UNDP		
3	Discovery of significant overlap with other on-going or planned initiatives	First January 2012	Operational	Full project target will be disrupted and may need to be revised P = 2 I = 3	<ul style="list-style-type: none"> Ensure thorough mapping is done at the beginning of IP 	UNDP	UNDP		



21 November 2011

Dear Mr. Walker,

Subject: Project Preparation Grant: Bangladesh: Development of Sustainable Renewable Energy Generation PIMS No:3948 – Atlas BU: BGD10 – Proposal No: 00062581 – Project No: 00080108

I am pleased to delegate to you the authority to sign the Initiation Plan for the above-mentioned Project Preparation Grant (PPG) / Programme Cooperation Budget (PCB) on behalf of UNDP, and to commence development of the main project. As per Rule 116.05 of the UNDP Financial Regulations and Rules (Executive Board Decision 2005/1), this document becomes effective when signed by the Resident Representative. The Initiation Plan, which amounts to a total of \$150,000, has received its final approval in accordance with the established GEF procedures (CEO approval letter for the PPG/PCB attached for ease of reference).

I am also pleased to provide a summary of the next steps in the process and to outline, for your easy reference, the mandatory GEF-specific project financial and results management requirements. In addition, a number of Advisory Notes have been prepared to support the implementation of UNDP supported GEF funded projects, these and further clarification on the GEF project cycle and requirements, can be found in the UNDP GEF Programming Manual at <http://intra.undp.org/gef>.

Next steps and mandatory GEF-specific requirements:

1. ***Issuance of Authorized Spending Limit (ASL):*** To facilitate a quick start to the PPG/PCB, once the Initiation Plan is signed, please kindly ensure that the Atlas-generated *Annual Work Plan (AWP)* based on the *Total Budget and Annual Work Plan* in the attached document, along with a copy of the signed cover page, is sent to Mr. Faris Khader, Regional Technical Advisor (RTA) in Bangkok.

Any proposed budget revisions should be forwarded to the UNDP RTA together with a clear explanation of the changes proposed as any significant changes require review and approval. In addition, please note that UNDP/GEF is not in a position to increase the project budget above the amount already approved by the GEF Council. Therefore, any over-expenditure on this project would have to be absorbed by other Country Office resources.

2. ***GEF-specific project management requirements:***

- Any changes contemplated with respect to the project objectives and outcomes will have to be discussed with and approved by the UNDP/GEF RTA, as they will have to be reported to the GEF.

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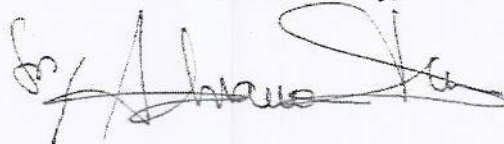
Mr. Neal Walker
Resident Representative
UNDP Bangladesh

United Nations Development Programme

- The final FSP must be ready by **April 2013** as recorded in the Initiation Plan. The Regional Technical Advisor will advise you of the expected timeline for submission of the final proposal for the purpose of internal UNDP clearance prior to submission to the GEF Secretariat.
- The final submission of the FSP that is prepared with this preparation grant must be accompanied by a "GEF PPG/PCB Status Report". The template can be obtained from the UNDP GEF Programming Manual <http://intra.undp.org/gef>
- This preparatory phase must be operationally completed in Atlas once the main project is endorsed/approved by the GEF CEO. Financial closure should follow within 12 months, but preferably within the same calendar year.
- Annex 2 includes a number of key UNDP/GEF management performance indicators that aim to improve the efficiency and effectiveness in the oversight and supervision services provided. Performance against these indicators will be monitored on an annual basis.
- In order to accord proper acknowledgement to the GEF for providing funding, full compliance is needed with the GEF's Communication and Visibility Guidelines (the "GEF Guidelines"). The GEF Guidelines can be accessed at: http://www.thegef.org/gef/sites/thegef.org/files/documents/C.40.08_Branding_the_GEF%20final_0.pdf. Full compliance is also required with UNDP's branding guidelines. These can be accessed at <http://intra.undp.org/coa/branding.shtml>, and specific guidelines on UNDP logo use can be accessed at: <http://intra.undp.org/branding/useOfLogo.html>.

In concluding, I would like to assure you of UNDP/GEF's and my personal commitment to a successful implementation of the project. The Regional Technical Advisors are at your disposal for advice and technical support. Should you have any concerns or questions, please do not hesitate to contact me.

Yours sincerely,



Yannick Glemarec
Executive Coordinator
UNDP/GEF

cc: Mr. Ajay Chhibber, Assistant Administrator and Bureau Director, RBAP
Mr. Faris Khader, UNDP/GEF Regional Technical Advisor, Bangkok, Thailand



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

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September 26, 2011

Mr. Yannick Glemarec
GEF Executive Coordinator
United Nations Development Programme
One United Nations Plaza
304 East 45th St.
FF Bldg., 10th floor
New York, NY 10017

Subject: PPG Approval

Dear Mr. Glemarec:

I am pleased to inform you that the following submission is approved and will be funded by the GEF Trust Fund:

Approval Stage:	PPG Approval
GEFSEC (PMIS) ID:	4459
Agency ID:	3948 (UNDP)
Agency(ies):	UNDP
Project Type:	Full Size Project
Country(ies):	Bangladesh
Name of Project:	Development of Sustainable Renewable Energy Power Generation
PPG Grant:	\$150,000
Agency Fee:	\$15,000

This approval is subject to the comments made by the GEF Secretariat in the attached document. It is also based on the understanding that the project is in conformity with GEF focal areas strategies and in line with GEF policies and procedures.

Attached is a copy of the review sheet for your records.

Sincerely,

Attachment: GEFSEC Review Sheet
Copy to: Country Operational Focal Point
GEF Agencies, STAP, Trustee

Annexes

- Annex 1** CEO approval letter for PPG/PCB
- Annex 2** Project Support Services

Annex 2: Project Support Services

Stage	Country Office ¹	UNDP/GEF
Identification, Sourcing/Screening of Ideas, and Due Diligence	Identify project ideas as part of country programme/CPAP and UNDAF/CCA.	<ul style="list-style-type: none"> • Technical input to CCA/UNDAFs and CPAPs where appropriate. • Input on policy alignment between projects and programmes. • Provide information on substantive issues and specialized funding opportunities (SOFs). • Policy advisory services including identifying, accessing, combining and sequencing financing. • Verify potential eligibility of identified idea.
	Assist proponent to formulate project idea / prepare project idea paper (e.g. GEF PIF/PPG/PCB).	<i>Technical support:</i> <ul style="list-style-type: none"> • Research and development. • Provide up-front guidance. • Sourcing of technical expertise. • Verification of technical reports and project conceptualization. • Guidance on SOF expectations and requirements. • Training and capacity building for Country Offices.
	<i>Appraisal:</i> <ul style="list-style-type: none"> • Review and appraise project idea. • Undertake capacity assessments of implementing partner as per UNDP POPP. • Environmental screening of project as and when included in UNDP POPP. • Monitor project cycle milestones. 	<ul style="list-style-type: none"> • Provide detailed screening against technical, financial, social and risk criteria. • Determine likely eligibility against identified SOF.
	<i>Partners:</i> <ul style="list-style-type: none"> • Assist proponent to identify and negotiate with relevant partners, cofinanciers, etc 	<ul style="list-style-type: none"> • Assist in identifying technical partners. • Validate partner technical abilities.
	<i>Obtain clearances:</i> <ul style="list-style-type: none"> • Government, UNDP, Executing Agency, LPAC, cofinanciers, etc. 	<ul style="list-style-type: none"> • Obtain SOF clearances.
Project Development	<i>Initiation Plan:</i> <ul style="list-style-type: none"> • Management and financial oversight of Initiation Plan • Discuss management arrangements 	<ul style="list-style-type: none"> • Technical support, backstopping and troubleshooting. • Support discussions on management arrangements • Facilitate issuance of DOA

¹ As per UNDP POPP with additional SOF requirements where relevant.

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Stage	Country Office ¹	UNDP/GEF
	<p><i>Project Document:</i></p> <ul style="list-style-type: none"> • Support project development, assist proponent to identify and negotiate with relevant partners, cofinanciers, etc. • Review, appraise, finalize Project Document. • Negotiate and obtain clearances and signatures – Government, UNDP, Implementing Partner, LPAC, cofinanciers, etc. • Respond to information requests, arrange revisions etc. • Prepare operational and financial reports on development stage as needed. 	<p><i>Technical support:</i></p> <ul style="list-style-type: none"> • Sourcing of technical expertise. • Verification of technical reports and project conceptualization. • Guidance on SOF expectations and requirements. • Negotiate and obtain clearances by SOF • Respond to information requests, arrange revisions etc. • Quality assurance and due diligence. • Facilitate issuance of DOA
<p><i>Key UNDP/GEF management performance indicators/targets for Project Development:</i></p> <ol style="list-style-type: none"> 1. Time between PIF approval to CEO endorsement for each project: <ul style="list-style-type: none"> • Target for GEF trust fund project: FSP = 18 months or less, MSP 12 months or less. • Target for LDCF and SCCF: FSP/MSP = 12 months or less. 2. Time between CEO endorsement (or PAC for non GEF funded projects) to first disbursement for each project: <ul style="list-style-type: none"> • Target = 4 months or less 		
<p>Project Oversight</p>	<p><i>Management Oversight and support</i></p>	<p><i>Technical and SOF Oversight and support</i></p>
	<p><i>Project Launch/Inception Workshop</i></p> <ul style="list-style-type: none"> • Preparation and coordination. 	<ul style="list-style-type: none"> • Technical support in preparing TOR and verifying expertise for technical positions. • Verification of technical validity / match with SOF expectations of inception report. • Participate in Inception Workshop
	<p><i>Management arrangements:</i></p> <ul style="list-style-type: none"> • Facilitate consolidation of the Project Management Unit, where relevant. • Facilitate and support Project Board meetings as outlined in project document and agreed with UNDP RTA. • Provide project assurance role if specified in project document. 	<ul style="list-style-type: none"> • Technical input and support to TOR development. Troubleshooting support. • Support in sourcing of potentially suitable candidates and subsequent review of CVs/recruitment process.
	<p><i>Annual WorkPlan:</i></p> <ul style="list-style-type: none"> • Issuance of AWP. • Monitor implementation of the annual work plan and timetable. 	<ul style="list-style-type: none"> • Advisory services as required • Review AWP, and clear for ASL where relevant.
	<p><i>Financial management:</i></p> <ul style="list-style-type: none"> • Conduct budget revisions, verify expenditures, advance funds, issue combined delivery reports, ensure no over-expenditure of budget. • Ensure necessary audits. 	<ul style="list-style-type: none"> • Allocation of ASLs, based on cleared AWP • Return of unspent funds to donor • Monitor projects to ensure activities funded by donor comply with agreements/ProDoes • Oversight and monitoring to ensure financial transparency and clear reporting to the donor

United Nations Development Programme

Stage	Country Office ¹	UNDP/GEF
	<p><i>Results Management:</i></p> <ul style="list-style-type: none"> • Alignment: link project output to CPAP Outcome in project tree in Atlas, link CPAP outcome in project tree to UNDP Strategic Plan Environment and sustainable Development Key Result Area as outlined in project document during UNDP work planning in ERBM. • Gender: In ATLAS, rate each output on a scale of 0-3 for gender relevance. • Monitoring and reporting: Monitor project results, track result framework indicators, and co-financing where relevant. Monitor risks in Atlas and prepare annual APR/PIR report where required by donor and/or UNDP/GEF. • Annual site visits – at least one site visit per year, report to be circulated no later than 2 weeks after visit completion. 	<ul style="list-style-type: none"> • Advisory services as required. • Quality assurance. • Project visits – at least one technical support visit per year.
	<p><i>Evaluation:</i></p> <ul style="list-style-type: none"> • Integrate project evaluations into CO evaluation plan. Identify synergies with country outcome evaluations. • Arrange mid-term, final, and other evaluations: prepare TOR, hire personnel, plan and facilitate mission / meetings / debriefing, circulate draft and final reports. • Participate as necessary in other evaluations. • Ensure tracking of committed and actual co financing as part of mid-term and final evaluations. • Prepare management response to project evaluations and post in UNDP ERC. 	<ul style="list-style-type: none"> • Technical support and analysis. • Quality assurance. • Compilation of lessons and consolidation of learning. • Dissemination of technical findings. • Participate as necessary in other SOF evaluations.
	<p><i>Project Closure:</i></p> <ul style="list-style-type: none"> • Final budget revision and financial closure (within 12 months after operational completion). • Final reports as required by donor and/or UNDP/GEF. 	<ul style="list-style-type: none"> • Advisory services as required. • Technical input. • Quality assurance.

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Stage	Country Office ¹	UNDP/GEF
<i>Key UNDP/GEF management performance indicators targets for Project Oversight:</i>		
<ol style="list-style-type: none"> 1. Each project aligned with country outcomes and UNDP Strategic Plan Environment and Sustainable Development key results, and included in Country Office Integrated Work Plan in the ERBM: <ul style="list-style-type: none"> • Target = 100% 2. Quality rating of annual APR/PIRs: Once completed and submitted, the quality of each project APR/PIR is rated by an external reviewer <ul style="list-style-type: none"> • Target = Rating of Satisfactory or above 3. Quality rating of Terminal Evaluations: Once completed, the quality of each terminal evaluation is rated by an external reviewer <ul style="list-style-type: none"> • Target = Rating of Satisfactory or above 4. Quality of results achieved by project as noted in terminal evaluation: the independent evaluator assigns an overall rating to the project. <ul style="list-style-type: none"> • Target = Satisfactory or above 		

GEF PPG approved grant document and TBWP



Submission date: 09/26/2011

GEF PROJECT ID: 4459

GEF AGENCY PROJECT ID: 3948

COUNTRY(IES): Bangladesh

PROJECT TITLE: Development Of Sustainable Renewable Energy Power Generation

GEF AGENCY(IES): UNDP, (select), (select)

GEF FOCAL AREA(S): Climate Change

A. PROJECT PREPARATION TIMEFRAME

Start date of PPG	10/01/2011
Completion date of PPG	04/01/2013

B. PROPOSED PROJECT PREPARATION ACTIVITIES (\$)

Describe the PPG activities and justifications: The PPG will only focus on those activities that are necessary for the preparation of the full-sized project document.

List of Proposed Project Preparation Activities	Output of the PPG Activities	Trust Fund	Grant Amount (a)	Co-financing (b)	Total c = a + b
Assessment of existing policy, legal and regulatory issues to create an enabling environment for private sector investment in RE power generation (research, analysis, advocacy and awareness raising, policy preparation support)	Baseline analysis of the regulatory, policy and institutional issues of RE-based power generation in general, and wind and biomass energy systems in particular	GEF TF	25,000	75,000	100,000
Identification of key stakeholders and their capacity assessment (background research and analysis, workshops, field consultations, meetings)	Stakeholder analysis including capacity needs assessment	GEF TF	15,000	45,000	60,000
RE generation technology application	Documentation of feasible RE power	GEF TF	25,000	75,000	100,000

assessments based on existing RE resource data. Analysis of existing data to determine further RE resource assessments and primary RE resource mapping (field study, research and analysis)	generation technology applications; Review of existing RE data				
Evaluation of various financial and electricity market models within the country and the region and their comparative advantages (research, analysis and visits)	Comparative analysis of RE power business models	GEF TF	25,000	80,000	105,000
Logical Framework Analysis to validate project goal, objective and outcomes and determine outputs, activities, success indicators, and responsible parties (workshop, field consultations, meetings)	Logical framework analysis; proceedings of LFA workshop	GEF TF	20,000	60,000	80,000
Detailed design of project activities, management arrangements, M&E mechanisms, and co-financing arrangements (workshops, field consultations, meetings, mission support, logistics, etc)	Documentation of proposed project activities (including budgets) based on the project log frame; Co-financing commitment letters	GEF TF	40,000	65,000	105,000
Preparation of the Project Document and CEO Endorsement Request	ProDoc and CEO Endorsement Request	GEF TF	0	50,000	50,000
		(select)			0
		(select)			0
		(select)			0
		(select)			0
		(select)			0
Total Project Preparation Financing			150,000	450,000	600,000

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

	Project Preparation	Agency Fee
Grant Amount	150,000	15,000
Co-financing	450,000	
Total	600,000	15,000

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 *	100	50,000	100,000	150,000
International consultants*	36	90,000	160,000	250,000
Travel		10,000	55,000	65,000
Contractual services		0	75,000	75,000
Office supplies		0	45,000	45,000
Miscellaneous		0	15,000	15,000
Total PPG Budget		150,000	450,000	600,000

* 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 Trust Fund criteria for project identification and preparation.

Agency Coordinator, Agency Name	Signature	Date (Month, day, year)	Project Contact Person	Telephone	Email Address
Yannick Glemarec UNDP/GEF Executive Coordinator		26 September, 2011	Faris Khader, Regional Technical Specialist for Climate Change Mitigation	+66 2304 9100 ext 2756	faris.khader@undp.org

Annex A

Consultants Financed by the Project Preparation Grant (PPG)

Type of Consultant	Position / Titles	\$/ Person Week¹	Estimated PWs²	Tasks to be Performed
Local	Power Sector Policy and Institutional Expert	500	20	Assess the existing policy and institutional issues related to RE-based electricity generation; Design of policy and institutional barrier removal activities
Local	Power Sector Legal Expert	500	16	Review legal and regulatory frameworks relevant to the power sector in Bangladesh; Design of regulatory barrier removal activities
Local	Capacity Development Expert	500	16	Identify key stakeholders and their capacity needs; Design of capacity development activities and information barrier removal activities
Local	Renewable Energy Resource Assessment Expert	500	26	Analysis of available secondary RE data, initial mapping, technical issues of existing RE power, grid connectivity
Local	Power Project Financial Expert	500	12	Review the lending process of financial institutions for innovative financing, other models; Design of financial barrier removal activities
Local	Communications Expert	500	10	Develop communication and advocacy strategy for the FSP
International	Wind Energy Power Generation Expert	2500	18	Technical assessment of existing RE resource data and identification of other RE resource data to be collected; Design of technical barrier removal activities; Assessment of potential pilot RE power generation system installation; Estimation of potential GHG emissions from installed RE-based power generation systems.
International	CC Project Development And Management Expert	2500	18	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.

¹ Provide dollar amount per person week.

² Provide person weeks needed to carry out the task

PROJECT DOCUMENT CHECKLIST FOR CLEARANCE

(RRMC, UNDP Bangladesh)

Project name: Development of Sustainable Renewable Energy Generation

(I) SUBMITTING UNIT/OFFICIAL : Ms. Sarwat Chowdhury, Climate Change Specialist

I have checked, and hereby certify, the following:

1. Standard Template has been used in the preparation of the Project Document
2. Adequate budgetary provisions are available.
3. Funding source has been agreed by the Senior Management.
4. Terms and conditions are in line with UNDP policies.
5. The objective of this Project Document is clearly defined and shared with the implementing partners.
6. LPAC Meeting Minutes are attached.

Signed:



Date: 10 January 2012

(II) Programme Analyst/Associate, RRMC:

- I have verified the attached submission and confirm that this Project Document is in accordance with UNDP Policy, Procedures and rules.
- Justification for return

Signed:



Date: 11. 01. 2012

(III) Assistant Country Director, RRMC

I have reviewed and hereby recommend approval of this Project Document.

Signed:



Date: 11 JAN 2012