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SECTION A. PROJECT DESCRIPTION

A. 1. Title of the project activity

Title: Nam Hinboun Downstream Hydropower Project

Date: 28/12/2017

Version no.: 02

A. 2. Project eligibility under the Gold Standard

Project is eligible for GS as it fulfills following criteria:

a) Scale of project

This project is a small-scale project. The capacity of the project is 15MW. The project is not a debundled part of a large project.

b) Host country or state

The project is located in Lao PDR which is one of the eligible states for Gold Standard CDM project. Also, Lao PDR is a LDC¹ and LLDC² published by UN.

c) Type of project

The project is a Renewable Energy Supply Project that generates and delivers energy from non-fossil and non-depletable energy sources (hydropower).

The Initial Environmental Examination (IEE) was prepared by ESL (Environment Sustainability Livelihood)³ in February 2017. According to the IEE, the project is not located in a High Conservation Value (HCV) area as below:

Eligibility Criteria		How to meet the Eligibility Criteria
Is the project located in HCV areas?	Areas containing globally, regionally or nationally significant concentrations of biodiversity values (e.g. endemism, endangered species, refugia etc.).	No. According to IEE, the project is not located in any of the HCV areas. The project is not located in any area listed in the World Database on protected planets (IUCN, UNEP), the Ramsar list of wetlands, and the

¹ https://www.un.org/development/desa/dpad/wp-content/uploads/sites/45/publication/ldc_list.pdf

² <http://unohrlls.org/about---lldcs/country---profiles/>

³ <http://www.esllao.com/>

	Globally, regionally or nationally significant large landscape-level areas where viable populations of most if not all naturally occurring species exist in natural patterns of distribution and abundance.	United Nations list of protected areas.
	Areas that are in or contain rare, threatened or endangered ecosystems.	
	Areas that provide basic ecosystem services in critical situations (e.g. watershed protection, erosion control).	
	Areas fundamental to meeting basic needs of local communities (e.g. subsistence, health).	
	Areas critical to local communities' traditional cultural identity (areas of cultural, ecological, economic or religious significance identified in cooperation with such local communities).	
Unless already addressed satisfactorily as part of an existing Environmental and Social Impact Assessment (ESIA), the opinion of an independent, relevant expert(s) shall be provided at a minimum on all of the following issues - the opinion may be that an issue is not relevant for the considered project		The Initial Environmental Examination(IEE) was prepared by ESL in February 2017. Therefore, opinion of expert is not required.
Project Participants shall plan for, and conduct a one-day training for the hydropower plant staff on the different issues identified by the independent expert. This training must be included in the Monitoring Plan.		The Project Participants will conduct a one-day training for the hydropower plant staff on the different issues. This training will be included in the Monitoring Plan.
Project Participants shall refer to Gold Standard Annex G for additional guidance on expectations on a series of issues associated with hydropower activities.		The sustainable issues including air quality, noise and vibration excavation debris, erosion and sediment transport, migration of aquatic species, forest resources and terrestrial biodiversity, water

	quality, human rights and Involuntary resettlement etc. are accessed in the IEE prepared by ESL in February 2017.
The Gold Standard Foundation will evaluate on a case-by-case basis the eligibility of hydropower activities with an installed capacity greater than 20 MWe using the pre-feasibility assessment (PFA), and in accordance with the procedure provided in section T.2.5.	Not applicable. The installed capacity of the Project is 15MWe, which below 20MWe.

Therefore it is eligible under the Gold Standard.

d) Greenhouse gases

Among the greenhouse gases eligible under the Gold Standard, this project is reducing Carbon Dioxide (CO₂).

e) Official Development Assistance (ODA)

This project is eligible for Gold Standard registration because it does not receive any ODA funding. The ODA declaration has been signed and will be provided to GS registry.

f) Project timeframe

The project is not previously announced to be going ahead without the revenues from carbon credits, and the project will undergo "Previous announcement check".

g) Other Certification Schemes

The project has not applied or is seeking for any other certification scheme, therefore no double counting will occur and therefore it is eligible under the Gold Standard.

A. 3. Current project status

On 14/08/2017, Engineering, Procurement and Construction (EPC) Contract was signed. The IEE report and FSR report have been finished and approved. And the construction is estimated to start by the end of 2017. The CDM prior consideration form has been submitted to UNFCCC on 08/06/2017⁴, the validation work will be carry out in the next step.

SECTION B. DESIGN OF STAKEHOLDER CONSULTATION PROCESS

⁴ <https://cdm.unfccc.int/Projects/PriorCDM/notifications/index.html>

B. 1. Design of physical meeting(s)

Agenda

Considering the project is located at remote area with poor transportation condition, the Local Stakeholder Meeting for Nam Hinboun Downstream Hydropower Project was held in Khamkeo village meeting room, Hinboun district, Kanmouane province, Lao PDR at 09:00 am July 12, 2017 for local villagers, government officer, NGOs, experts etc. The meeting was organized in line with the Gold Standard requirements, and the meetings' agenda is the same exactly.

Agenda

Registration

Opening of the meeting and Explanation of the project

Project overview and Introduction

Suggestions by participants

Discussion of continuous input/grievance mechanism and Blind SD exercise

The free discussion of the participants and Discussion on monitoring SD

Fill in the form and Recovery

Closure of the meeting

Non-technical summary

Non-technical summary in Laotian:

ໂຄງການເຂື່ອນໄຟຟ້ານ້ຳທົນບູນຕອນລຸ່ມ ບົດສະຫຼຸບບໍ່ແມ່ນດ້ານເຕັກນິກ

ແນະນຳໂຄງການ

ໂຄງການເຂື່ອນໄຟຟ້ານ້ຳທົນບູນຕອນລຸ່ມແມ່ນເປັນແບບເຂື່ອນຝາຍນ້ຳລົ້ນ. ທີ່
ມີກຳລັງແມ່ນ 15MW, ໂດຍແມ່ນມີເຄື່ອງຈັກສອງໜ່ວຍແບບນ້ຳໄຫຼຜ່ານໜ່ວຍລະ
7.5MW

ໂຄງການນີ້ຈຸດປະສົງຫຼັກແມ່ນການຜະລິດໄຟຟ້າ, ພ້ອມທັງຄອບຄຸມນ້ຳຖວມ,
ຜະລິດໄຟຟ້າ, ຊົນລະປະທານແລະຜົນປະໂຫຍດອື່ນໆ, ແຕ່ບໍ່ເປັນຜົນສະທ້ອນຕໍ່
ກັບສະພາບຊີວະພາບແວດລ້ອມທ້ອງຖິ່ນ. ນ້ຳຂອງໂຄງການເຂື່ອນໄຟຟ້ານ້ຳ
ທົນບູນຈະບໍ່ສູນເສຍ, ຈະໄຫຼກັບສູ່ຄອງນ້ຳເຕີມ, ໂຄງການເຂື່ອນໄຟຟ້ານ້ຳທົນບູນ
ຕອນລຸ່ມສາມາດທົດແທນແລະລົດການໃຊ້ແຫຼ່ງພະລັງທົນ, ທັງຍັງແຕ່ລະປີການ
ປ່ອຍອາຍໃນທ້ອງແລະມົດລະຜິດຈະຫຼຸດລົງ. ສະຖານນີ້ບໍ່ພຽງຮັບປະກັນການນຳ
ໃຊ້ຊັບພະຍາກອນນ້ຳທີ່ເໝາະສົມແລ້ວ, ຍັງລົດຜ່ອນການສູນເສຍພະລັງງານທີ່ບໍ່
ສາມາດເກີດຂຶ້ນໃໝ່ໄດ້. ພ້ອມທັງປັບປຸງຄຸນນະພາບອາກາດ, ໂຄງການເຂື່ອນ
ໄຟຟ້ານ້ຳທົນບູນຕອນລຸ່ມແມ່ນແທດເໝາະກັບນະໂຍບາຍການກໍ່ສ້າງພັດທະນາ
ແບບຍືນຍົງຂອງປະເທດລາວ

ການປະກອບສ່ວນເພື່ອການພັດທະນາແບບຍືນຍົງ

ຜົນປະໂຫຍດສັງຄົມ

- ໃນໄລຍະການກໍ່ສ້າງ, ເພື່ອໃຫ້ໂອກາດທີ່ຫຼາຍກວ່າສະໜອງວຽກເຮັດ
ງານທຳ, ແລະກຳມະກອນຜູ້ທີ່ມາໃໝ່ໃນເຂດນີ້ຈະນຳມາໂອກາດໃນການ

ເຮັດວຽກ, ເພີ່ມລາຍຮັບໃຫ້ປະຊາຊົນໃນທ້ອງຖິ່ນ, ເພາະປະຊາຊົນໄດ້ໃຊ້
ເວລາກໍ່ສ້າງແລະເຮັດກິດຈະກຳຫຼາຍໃນດ້ານນີ້, ຄື: ການອົບຮົມສອນໃຊ້
ເວລາຫຼາຍ, ການຫາວຽກເຮັດງານທຳແລະອື່ນໆ.

- ໄດ້ປັບປຸງໂຄງລ່າງພື້ນຖານທ້ອງຖິ່ນ. ຄົນມະນາຄົມແລະລະບົບໄຟຟ້າ,
ແລະໄດ້ນຳມາສິດທິພິເສດໃຫ້ກັບປະຊາຊົນທ້ອງຖິ່ນ.

ຜົນປະໂຫຍດສິ່ງແວດລ້ອມ

- ປັບປຸງສະພາບແວດລ້ອມທ້ອງຖິ່ນ. ເພາະປະຊາຊົນທ້ອງຖິ່ນຈະໄດ້ນຳ
ໃຊ້ໄຟຟ້າທີ່ໂຄງການເຂື່ອນໄຟຟ້ານ້ຳທົນບູນຜະລິດ, ດັ່ງນັ້ນການນຳໃຊ້
ພື້ນກະຈະລົດໝອຍລົງ, ທັງນີ້ໃນເຂດໂຄງການການລົດລົງຂອງປ່າໄມ້ກໍ່
ຈະໜ້ອຍແລະອັດຕາການຕັດໄມ້ລົດລົງ.

- ການອະນຸລັກຊີວະນາໆພັນ. ປົກປັກຮັກສາປ່າໄມ້ຈະບໍ່ພຽງແຕ່ຫຼຸດຜ່ອນຄວາມຕ້ອງການສຳລັບຊີວະທີ່ບໍ່ສາມາດເກີດໃໝ່ທົດແທນໄດ້, ໃນເວລາດຽວກັນຈະຫຼຸດຜ່ອນການເຊາະເຈື່ອນຂອງດິນແລະການສູນເສຍຊີວະນາໆພັນແລະການທຳລາຍປ່າ.
- ປັບປຸງຄຸນນະພາບອາກາດ. ເພາະການກໍ່ສ້າງໂຄງການເຂື່ອນໄຟຟ້ານ້ຳທົນບຸນຕອນລຸ່ມນີ້ເລື່ອງອະນຸພາກແລະ dioxide ຊູນຟູຣິກແລະມົນລະພິດອື່ນໆໃນອາກາດຈະໄດ້ຮັບການຫຼຸດຜ່ອນລົງ, ການບອນສີດຳອອກມາເຂົ້າໄປໃນບັນຍາກາດແລະຍັງຈະຫຼຸດຜ່ອນອາຍພິດເຮືອນແກ້ວ. ດັ່ງນັ້ນ, ພະຍາດລະບົບຫາຍໃຈທີ່ກ່ຽວຂ້ອງກະຈະໄດ້ຮັບການຫຼຸດຜ່ອນລົງ.

ຜົນປະໂຫຍດເສດຖະກິດ:

- ເພື່ອສະໜອງໂອກາດຫຼາຍໃນການຫາວຽກເຮັດງານທຳ

- ສະຖານນີ້ແມ່ນບໍ່ພຽງແຕ່ສອດຄ່ອງກັບສະຖານະການໃນປະຈຸບັນ, ຍັງສາມາດປັບກັບການປ່ຽນແປງໃນອະນາຄົດໃນຕະຫຼາດໄຟຟ້າໄດ້. ສາມາດສົ່ງເສີມການພັດທະນາເສດຖະກິດທ້ອງຖິ່ນ, ເລັ່ງການພັດທະນາຊັບພະຍາກອນນ້ຳທີ່ມີຢູ່ແລ້ວອຸດົມສົມບູນຂອງນ້ຳ, ມັນແມ່ນມີຜົນໃນການລຸດຜົນຈາກທຸກຍາກທາງເສດຖະກິດໃນທ້ອງຖິ່ນ.

ຜົນປະໂຫຍດເຕັກນິກ

- ໃນເຂດໝູ່ບ້ານນ້ຳເຕັກນິກໃໝ່ເຂົ້າມາ
- ອົບຮົມໃຫ້ຄວາມຮູ້(ລະບົບຮັກສາ,ອົບຮົມທາງດ້ານເຕັກນິກ)

ມາດຕະຖານທອງຄຳ

ໂຄງການດັ່ງກ່າວຈະໄດ້ຍື່ນຄຳຮ້ອງໃຫ້ກາຍເປັນໂຄງການມາດຕະຖານທອງຄຳ.ມາດຕະຖານທອງຄຳແມ່ນມາດຕະຖານໄດ້ຮັບລາງວັນຊະນະເລີດໃນໂຄງການຫຼຸດຜ່ອນຄວາມກາກບອນ,ມາດຕະຖານທອງຄຳແມ່ນບັນທັດຖານສາກົນ. ໃບຍັງຍືນທອງຄຳມາດຕະຖານການຫຼຸດຜ່ອນການປ່ອຍອາຍພິດຂອງໂຄງການປະຕິບັດຕາມຂໍ້ຕົກລົງທີ່ກຳນົດໄວ້ເພື່ອໃຫ້ກາຍເປັນລະບົບການປ່ອຍອາຍພິດຊື່ຂາຍລະຫວ່າງປະເທດແລະສ້າງຕັ້ງໂຄງສ້າງໄດ້.ອະນາຍາດນີ້ແມ່ນຖືກບໍລິສັດຂອງຕ່າງປະເທດແລະອົງກອນທີ່ເຕັມໃຈຈັດຊື້ມາທົດແທນໃນການປ່ອຍຂອງພວກເຂົາ.

ເນື່ອງຈາກວ່າມາດຕະຖານທອງຄຳສາມາດສ້າງລາຍຮັບເພີ່ມເຕີມສຳລັບການເຮືອນແກ້ວການຫຼຸດຜ່ອນການປ່ອຍອາຍພິດອາຍແກັສທີ່ເກີດຂຶ້ນໂດຍໂຄງການ.

Non-technical summary in English:

Nam Hinboun Downstream Hydropower Project Non-Technical Summary

The Nam Hinboun Downstream Hydropower station is a low-dam type with the power station located in the riverbed and installed capacity 15MW and it comprises two 7.5MW tubular turbine-generators.

The primary purpose of the project activity is to generate electricity and the project is intended to control flooding, generate electricity, and provide irrigation and other benefits without adversely affecting the ecological environment. The water used by the Nam Hinboun downstream hydropower station will not be consumed, but will be returned to the original watercourse. The Nam Hinboun downstream hydropower station can replace and save fossil energy, and greenhouse gases emissions and other pollutants will be reduced in each year. The station not only ensure the rational use of water resources and to reduce the consumption of non-renewable energy, but also improve the air quality. The construction of the Nam Hinboun downstream hydropower station is in

compliance with Laos' industrial policy of sustainable development.

Contribution to sustainable development

✧ Social benefits:

During the construction period, plenty of job opportunities were provided to local villagers, and the new workers that come to the area can bring with lots of employment opportunities, that will increase the income of the villagers, thus, villagers will spend more time in productive activities, such as education, employment etc.

The local infrastructure has been greatly improved. The enhancement of the transportation and electricity system brings substantial benefits to local villagers.

✧ Environment benefits:

Improves the local environment. Because the local villagers will use the electric power generated by the Nam Hinboun Downstream Hydropower station, use of firewood will be reduced, rate of forest degradation /deforestation in the project area will also be reduced at the same time.

Protection of biodiversity. Conservation of forest will not only reduce non-renewable biomass demand, meanwhile that will reduce soil erosion and loss of biodiversity caused by consequence of deforestation.

Improves air quality. Because the construction of Nam Hinboun Downstream hydropower station, particulate and sulfur dioxide and other air pollution will be reduced, emission of black carbon to the atmosphere and Greenhouse Gas emissions will also be reduced. So, the diseases related to respiratory system will be reduced.

✧ Economic benefits:

Provided plenty of job opportunities for the local villagers.

The station not only conforms to the present situation, but also can adapt to future changes in the electricity market. Building this power station can promote the local economy, accelerate the development of the existing abundant water power resources in the basin, help the local economy to overcome poverty and achieve prosperity.

✧ Technological benefits:

Introduction of new technology to the rural communities.

Knowledge transfer to trainers including technicians for pertaining training to users, maintenance of system.

Gold Standard

The project will apply for the Gold Standard project. The Gold Standard (GS) is an award-winning certification standard for carbon mitigation projects and is recognized internationally as the benchmark for quality and rigor in both the compliance and voluntary carbon markets. The Gold Standard organization sets a framework following

the schemes defined by the Kyoto-Protocol for the international trading of emission reductions for the generation and trading of certificates attesting emission reductions achieved by a project. These certificates are purchased by foreign companies and organizations who intend to voluntarily compensate own emissions.

The project shall be realized with the help of the Gold Standard approach that leads to an additional income for reducing GHG emissions and thus makes the project economically viable.

i. Invitation tracking table

Category code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
A	Village chief	Mr.Vomgdala pard Thama	Oral invitation	11/7/2017	Y
A	Village chief	Mr.Kham Xayavong	Oral invitation	11/7/2017	Y
A	Hamlet head	Mr.Khamdeng Nilavong	Oral invitation	11/7/2017	Y
A	Hamlet deputy head	Mr.Anouluk Xayavong	Oral invitation	11/7/2017	Y
A	Village national front	Mr.Khounpomh ya Meexay	Oral invitation	11/7/2017	Y
A	Sub-Hamlet head	Mr.Phone Sonephachan	Oral invitation	11/7/2017	Y
A	Village forestry	Mr.Vilatda Souliyavong	Oral invitation	11/7/2017	Y
A	Member	Mr.Khamphon Photisarn	Oral invitation	11/7/2017	Y
A	Member	Mr.Khampheng Mounmolard	Oral invitation	11/7/2017	Y
A	Member	Mr.BongPhone Xayavong	Oral invitation	11/7/2017	Y
A	Deputy village	Mr.BounPheng	Oral	11/7/2017	Y

	chief	Gonetavi	invitation		
A	Village national front	Mr.Bouchem	Oral invitation	11/7/2017	Y
A	Village security	Mr.Khard	Oral invitation	11/7/2017	Y
A	Village security	Mr.Heng	Oral invitation	11/7/2017	Y
A	Village security	Mr.Thongdam Phothilard	Oral invitation	11/7/2017	Y
A	Deputy village head	Mr.Phounsi Phommadee	Oral invitation	11/7/2017	Y
A	Villager	Mr.Tha Xayavong	Oral invitation	11/7/2017	Y
A	Villager	Mr.Sopho Sombut	Oral invitation	11/7/2017	Y
A	Deputy village chief	Mr. Phengsi	Oral invitation	11/7/2017	Y
A	Deputy village chief	Mr.Loung Phaitdee	Oral invitation	11/7/2017	Y
A	Deputy village chief	Mr.Kham Xayavong	Oral invitation	11/7/2017	Y
A	Village chief	Mr. Khongsavanh Xayasarn	Oral invitation	11/7/2017	Y
A	Deputy village chief	Mr.MounVanhxai Thepvongsa	Oral invitation	11/7/2017	Y
A	Deputy village chief	Mr.Thonsy Souliya	Oral invitation	11/7/2017	Y
A	Retired member	Mr.Bounnard Xayavong	Oral invitation	11/7/2017	Y
A	Retired member	Mr.Khamoui Keokhomphan	Oral invitation	11/7/2017	Y
A	Deputy village chief	Ms.Maly Soulinthong	Oral invitation	11/7/2017	Y

A	Retired member	Ms. Khoumsi	Oral invitation	11/7/2017	Y
A	Deputy village chief	Ms.Khammany Thongsawat	Oral invitation	11/7/2017	Y
A	Sub. Village head	Ms. Sileyang Chanthalard	Oral invitation	11/7/2017	Y
A	Sub. Village head	Ms. Soulin Chanthakhin	Oral invitation	11/7/2017	Y
A	Village chief	Mr.Bounlieng Boudsavong	Oral invitation	11/7/2017	Y
A	Supervisor	Mr. Pakaysith Bountay	Oral invitation	11/7/2017	Y
B	Officials of local government	Anonymous	Email	7/7/2017	N
B	The head of country	Mr.Khamphoui Thommepha kdee	Oral invitation	11/7/2017	Y
B	Head of district education department	Mr.Savath Phaymasan	Oral invitation	11/7/2017	Y
B	Head of district agriculture department	Mr.Homema Sibounheuang	Oral invitation	11/7/2017	Y
B	Head of district finance department	Mr.Sisouvanh Xayakit	Oral invitation	11/7/2017	Y
C	Lao DNA	Anonymous	Email	7/7/2017	N
D	ESL expert	Nanong Khotpathoum	Phone	7/7/2017	N
E	Gold Standard	Anonymous	Email	7/7/2017	N
F	Global Association for People and the Environment	Anonymous	Email	7/7/2017	N
F	REEEP	Anonymous	Email	7/7/2017	N

F	Mercy Corps	Anonymous	Email	7/7/2017	N
F	WWF	Anonymous	Email	7/7/2017	N
F	Global Environmental Institute (GEI)	Anonymous	Email	7/7/2017	N
F	Green Peace	Anonymous	Email	7/7/2017	N
F	Care International	Anonymous	Email	7/7/2017	N
F	Citizens's Alliance for Saving the Atmosphere and Earth (CASA)	Anonymous	Email	7/7/2017	N
F	Clean Energy Nepal	Anonymous	Email	7/7/2017	N
F	Climate Action Network South Africa	Anonymous	Email	7/7/2017	N
F	David Suzuki Foundation	Anonymous	Email	7/7/2017	N
F	Development Alternatives	Anonymous	Email	7/7/2017	N
F	Earth Advantage, Inc.	Anonymous	Email	7/7/2017	N
F	Enter GHG India	Anonymous	Email	7/7/2017	N
F	Energy Forum	Anonymous	Email	7/7/2017	N
F	Euronatura—enter for Environmental Law and Sustainable Development	Anonymous	Email	7/7/2017	N
F	European Business Council for Sustainable Energy5	Anonymous	Email	7/7/2017	N
F	Fair Climate Network	Anonymous	Email	7/7/2017	N

F	Forum for the Future	Anonymous	Email	7/7/2017	N
F	Fecundation Diversification Colombia	Anonymous	Email	7/7/2017	N
F	Zero: Regional Environment Organization	Anonymous	Email	7/7/2017	N
F	The Climate Group	Anonymous	Email	7/7/2017	N
F	Renewable Energy & Energy Efficiency Institute	Anonymous	Email	7/7/2017	N
F	Philippine Solar Energy Society	Anonymous	Email	7/7/2017	N
F	A World Institute for a Sustainable Humanity (AW.I.S.H)	Anonymous	Email	7/7/2017	N
F	The White more Initiative Society	Anonymous	Email	7/7/2017	N
F	The Environmental Investigation Agency	Anonymous	Email	7/7/2017	N
F	South South North	Anonymous	Email	7/7/2017	N
F	SolarAid	Anonymous	Email	7/7/2017	N
F	SKG Sangha	Anonymous	Email	7/7/2017	N
F	Sibolng Agham at Teknolohiya	Anonymous	Email	7/7/2017	N
F	Shanshui Conservation Center, China	Anonymous	Email	7/7/2017	N
F	PURE the Clean Planet Trust	Anonymous	Email	7/7/2017	N

F	Plantons Utile	Anonymous	Email	7/7/2017	N
F	Indonesian Climate Action Network	Anonymous	Email	7/7/2017	N
F	International Centre for Eradication of Poverty	Anonymous	Email	7/7/2017	N
F	Kangmei Institute of Community Development and Marketing	Anonymous	Email	7/7/2017	N
F	Kiko Network	Anonymous	Email	7/7/2017	N
F	KLIMA	Anonymous	Email	7/7/2017	N
F	Triangle Generation	Anonymous	Email	7/7/2017	N

Please explain how you decided that the above organizations/ individuals are relevant stakeholders to your project. Also, please discuss how your invitation methods seek to include a broad range of stakeholders (e.g. gender, age, ethnicity).

According to GS requirements and guidelines, we invited people from the following categories:

For category A~ E who are direct stakeholders of this project, were invited by bulletin or oral notice. They then had the choice to attend the meeting voluntarily. Stakeholders who followed an invitation by bulletin did give formal confirmation of their participation at the meeting in advance, and confirmed their participation by their attendance.

For other categories, category F local government representatives, invitations were done by Email. For category H NGOs in Lao PDR/ international NGOs, category G GS experts and I for local independent consultant and expert (eg. faculty from local university) invitations were sent by email.

ii. Text of individual invitations

The individual invitation letter is given below:

Dear Sir/Madam,

Nam Hinboun Downstream Hydropower Project is a Gold Standard CDM candidate project. The physical meeting is to be held to collect opinions from stakeholders regarding the impacts from the project according to the requirement of Gold standard.

This meeting will be held at Khamkeo village meeting room, hinboun district, Kanmouane province, Lao PDR & Convention at 9:00 am July 12th (wednesday), 2017, as the project participants, we humbly accept the advises, comments and suggestion of all stakeholders, looking forward to your attendance. There will be an introduction and a comments collecting section. Your presence is welcomed.

Kind Regards

Rasita Power Co., Ltd.

Contact Person: Mr Dam

Mobile: 00856-20-556611844

South Pole Carbon Asset Management Ltd.

Contact Person: Ms. Jessie Zhang

Telephone: 0086-10-84549953

By Email: j.zhang@thesouthpolegroup.com

Photo of the individual invitation:

Invitation for Gold Standard Local Stakeholder Consultation of NamHinboun Downstream Hydropower Project in Laos ☆

发件人: **Jiaxun Zhang** <j.zhang@thesouthpolegroup.com> 自动归档

(由 j.zhang@southpolecarbon.com 代发)

时 间: 2017年7月7日(星期五) 中午11:08

收件人: Yuhuan Shen <shirley@cdmgoldstandard.org>; Annyta Luo <annyta@cdmgoldstandard.org>

抄 送: info <info@goldstandard.org>; info <info@reep.org>; wfchina <wfchina@wwfchina.org>; liam <liam@wwfthai.org>; dmcIntosh <dmcIntosh@uk.mercycorps.org>; donorservices <donorservices@mercycorps.org>; Shipping Chen <spchen@geichina.org>; gei <gei@geichina.org>; greenpeace.china <greenpeace.china@hk.greenpeace.org>; office <office@casa.bnet.jp>; ed <ed@enpho.org>; dorahl <dorahl@ghouse.org.za>; paul <paul@davidsuzuki.org>; tara <tara@devalt.org>; spenrith <spenrith@earthadvantage.org>; narendra <narendra@energhg.in>; eforum <eforum@sltnet.lk>; geral <geral@euronatura.pt>; lambing <lambing@e5.org>; sudha <sudha@fairclimate.com>; i.watt <i.watt@forumforthefuture.org.uk>; carloskurimoto <carloskurimoto@ecodiversidad.org>; johannes <johannes@zeroregional.com>; ihe <ihe@theclimategroup.org>; kndhlukula <kndhlukula@polytechnic.edu.na>; rssangalang <rssangalang@yahoo.com>; michael <michael@awish.net>; bcjtom <bcjtom@shaw.ca>; bismarck <bismarck@eia-global.org>; Stefan Raubenheimer <stef@southsouthnorth.org>; nick <nick@solar-aid.org>; SKG Sangha <skgsangha@gmail.com>; vmlopez12 <vmlopez12@yahoo.com>; fyang <fyang@shanshui.org>; rabinowitz <rabinowitz@bre.co.uk>; eric.lehavre <eric.lehavre@wanadoo.fr>; fabby <fabby@nusa.or.id>; bubale <bubale@rogers.com>; wujiawei1128 <wujiawei1128@yahoo.com.cn>; kikonet <kikonet@jca.apc.org>; klima <klima@observatory.ph>; jjarvie <jjarvie@hq.mercycorps.org>; fundclimahonduras <fundclimahonduras@yahoo.com>; Southasen BOULOM <mks.sboulom@gmail.com>; Xuan Yang <x.yang@thesouthpolegroup.com>; 苏妍芳 <jiaofang.su@htne-tech.com>; 邓恒 <deng.h@htne-tech.com>

附 件: 4 个 (Invitation Letter_English.pdf...)

Dear Secretariat of Gold Standard,

Dear GS Experts,

Dear International and Local NGOs,

Dear Sir/Madam whoever concerns,

Rasita Power Co., Ltd. and Swiss Carbon Assets Ltd. are planning to conduct Local Stakeholder Consultation for "Nam Hinboun Downstream Hydropower Project".

The project is a low-dam type with the power station located in the riverbed and total installed capacity is 15 MW. It is to generate electricity to local power grid thus contribute to the local electrification.

The proposed project will be developed under both UNFCCC and GS as a GS CDM project.

Please find attached the following:

- 01. Invitation letter_English
- 02. Non-technical summary_English
- 03. Invitation letter_Laos
- 04. Non-technical summary_Laos

With this invitation letter, the project participants would like to invite you to participate/witness this Gold Standard Local Stake Consultation meeting. The meeting is to be held at Khamkeo village meeting room, Hinboun district, Kanmouane province, Lao PDR & Convention at 9:00 am 12 July (Wednesday) 2017.

In case, physical participation is not possible, please send in your comments to the undersigned below by 12 July 2017.

Rasita Power Co., Ltd.

The contact person: Mr. Dam

Mobile: 00856-20-556611844

Swiss Carbon Assets Ltd.

Contact Person: Ms. Jessie Zhang

Phone: [0086-10-8454 9953](tel:0086-10-84549953)

Email: j.zhang@southpolecarbon.com

Best regards,

Jessie

iii. Text of public invitations

The Laotian version of public invitation is given below:



ຮຽນທ່ານ/ນາງ,

ໂຄງການເຂື່ອນໄຟຟ້ານ້ຳທົນບູນຕອນລຸ່ມແມ່ນໂຄງການທີ່ເຂົ້າຄັດເລືອກໃນ
ມາດຕະຖານທອງຄຳການປ່ອຍກາກບອນຕໍ່າCDM. ໃນການຈັດກອງປະຊຸມໃນ
ຄັ້ງນີ້ແມ່ນຈະໄດ້ເກັບກຳຂໍ້ມູນຄຳຄິດເຫັນແລະຜົນປະໂຫຍດຂອງຜູ້ທີ່ກ່ຽວຄອງກັບ
ໂຄງການນີ້, ອີງຕາມຄວາມຕ້ອງການຂອງມາດຕະຖານທອງຄຳ

ກອງປະຊຸມໃນຄັ້ງນີ້ຈະໄດ້ຈັດຂຶ້ນທີ່: ຫ້ອງປະຊຸມບ້ານຄຳແກ້ວ, ເມືອງທົນບູນ,
ແຂວງຄຳມ່ວນ ສປປ ລາວ, ວັນເວລາ: 12.07.2017 ຕອນ 9:00 ໂມງເຊົ້າ, ເປັນຜູ້ນຶ່ງ
ເຂົ້າໃນກອງປະຊຸມ, ທາງພວກເຮົາເຕັມໃຈຈະຮັບຟັງຄຳຄິດເຫັນແລະແນະນຳຂອງ
ທຸກຄົນທີ່ມີຜົນປະໂຫຍດກ່ຽວຄອງ, ຫວັງຫວ່າທ່ານຈະມາຮ່ວມ. ຈະມີການອະທິບາຍ
ແລະວິຈານເກັບກຳຂໍ້ມູນ. ຍິນດີຕອນຮັບ.

ເປັນກຽດຢ່າງສູງ

ບໍລິສັດພະລັງງານຣາຊິຕ້າຈຳກັດ

ຜູ້ຕິດຕໍ່: ທ່ານ ຄອນພະຈັນ

ມືຖື: 00856-20-556611844

South Pole Carbon Asset Management Ltd

ຜູ້ຕິດຕໍ່: Ms Jessie Zhang

ມືຖື: 0086 10 84549953

The English version of public invitation letter is given below:

Dear Sir/Madam,

Nam Hinboun Downstream Hydropower Project is a Gold Standard CDM candidate project. The physical meeting is to be held to collect opinions from stakeholders regarding the impacts from the project according to the requirement of Gold standard.

This meeting will be held at Khamkeo village meeting room, hinboun district, Kanmouane province, Lao PDR & Convention at 9:00 am July 12th (wednesday), 2017, as the project participants, we humbly accept the advices, comments and suggestion of all stakeholders, looking forward to your attendance. There will be an introduction and a comments collecting section. Your presence is welcomed.

Kind Regards

Rasita Power Co., Ltd.
Contact Person: Mr Dam
Mobile: 00856-20-556611844

South Pole Carbon Asset Management
Ltd. Contact Person: Ms Jessie Zhang
Telephone: 0086-10-84549953



B. 2. Description of other consultation methods used

If individuals and/ or entities (e.g. NGOs) are unable to attend the physical meeting, please discuss other methods that were used to solicit their feedback/ comments (e.g. questionnaires, phone calls, interviews).

All possible stakeholders were contacted via email, bulletin or oral notice. In the event that the stakeholders could not attend the physical meeting, the project proponents offered a representative to attend the meeting. Some national agencies which have been informed as required by GS have not responded to the invitation since there is no regulation for voluntary market. In addition, the project proponents encouraged people to make inquiries or give comments on the project; the stakeholders could contact the Project owner or South Pole directly either via letter, email or telephone.

Since the consultation methods are assessed sufficient to reach stakeholders, no other method was not considered necessary.

SECTION C. CONSULTATION PROCESS

C. 1. Participants' in physical meeting(s)

i. List of participants

Please attach original participants' list (in original language) as Annex 1.

Participants list					
Date and time:12/7/2017 09:00-11:00					
Location:Khamkeo village meeting room, hinboun district, Kanmouane province, Lao PDR					
Category Code	Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)	Contact details
A	Vomg/Village chief	Male	N/A	Khamkeo	22156003
A	Kham /Village chief	Male	N/A	Khamkeo	56547250
A	Khamdeng/Hamlet head	Male	N/A	Khamkeo	56240988
A	Anouluk /Hamlet deputy head	Male	N/A	Khamkeo	56472905
A	Khounpomhya/Village national front	Male	N/A	Khamkeo	55056105
A	Phone /Sub-Hamlet head	Male	N/A	Khamkeo	54118248
A	Vilatda/Village forestry	Male	N/A	Khamkeo	22160625
A	Khamphon /Member	Male	N/A	Khamkeo	98109126
A	Khampheng/Member	Male	N/A	Khamkeo	55629734
A	BongPhone/Member	Male	N/A	Khamkeo	56541651
A	BounPheng /Deputy village chief	Male	N/A	Khamkeo village government	9695520
A	Bouchem/Village national front	Male	N/A	Khamkeo	030538614
A	Khard/Village	Male	N/A	Khamkeo	56617684

	security				
A	r.Heng/Village security	Male	N/A	Khamkeo	96166332
A	Thongdam/Village security	Male	N/A	Khamkeo	55387119
A	Phounsi /Deputy village head	Male	N/A	Khamkeo village government	55629734
A	ThaXayavong/Village r	Male	N/A	Khamkeo village government	99508514
A	Sopho/Villager	Male	N/A	Khamkeo village government	91426006
A	Phengsi/Deputy village chief	Male	N/A	Khamkeo village government	99836320
A	Loung /Deputy village chief	Male	N/A	Khamkeo village government	98531435
A	Kham/Deputy village chief	Male	N/A	Khamkeo village government	0304872488
A	Khongsavanh/Village chief	Male	N/A	Khamkeo	0304836522
A	MounVanhxai/Deputy village chief	Male	N/A	Khamkeo village government	22229909
A	Thonsy/Deputy village chief	Male	N/A	Khamkeo village government	59867875
A	Bounnard/Retired member	Male	N/A	Khamkeo	22406890
A	Khamoui/Retired member	Male	N/A	Khamkeo	55612147
A	Maly/Deputy village chief	Female	N/A	Khamkeo village government	4733591
A	Khoumsi/Retired member	Female	N/A	Khamkeo	58569990
A	Khammany/Deputy village chief	Female	N/A	Khamkeo village government	58985882
A	Sileyang/Sub.Village	Female	N/A	Khamkeo	97050077

	head				
A	Soulin/Sub.Village head	Female	N/A	Khamkeo village government	02099980661
A	Bounlieng/Village chief	Male	N/A	Khamkeo	55318099
A	Pakaysith/Supervisor	Male	N/A	Khamkeo	0206633879
B	Kham/The head of country	Male	N/A	Khamkeo village government	22443072
B	Savath/Head of District education	Male	N/A	Ministry of Education of Hinboun district	91050199
B	Homema /Head of district agriculture	Male	N/A	Ministry of agriculture of Hinboun district	59200348
B	Sisouvamh/Head of district finance	Male	N/A	Ministry of finance of Hinboun district	55611844

Comments accompanying Annex 1

ii. Evaluation forms

Name	What is your impression of the meeting?	What do you like about the project?	What do you not like about the project?	Signature
Mr.Khongsavanh XAIYASAN	Agree with the meeting	If we get fund from the project, we would like to use it to improve our school and drill some will for the school which is still lack now.	No negative comments.	-
Mr.Savath	Create more understanding	Love the	No negative	-

PHAYMASAN	of the project to the people and can evaluate the impact of the project.	development plan of the project in the financial and social.	comments.	
Mr.Sisouvanh XAYPHANITH	Very Good.	Will help local live improve. It's the best thing that happen to us since a long time. It's going on the way with 3 construction theories . Build the big village to become a district.	No negative comments.	-
Ms.Soulin CHANTHAKIM	Agree with the assembly.	Like this project because it will improve living condition.	No negative comments.	-

Comments accompanying Annex 2

Please attach original evaluation forms (in original language) as Annex2.

43 surveys from the participants were collected at the end of the meeting. Comments from the survey questions are summarized as follows:

➤ What is your impression of the meeting?

In general, the participants had a good impression of the meeting:

- ❖ The meeting allowed the local people to gain an understanding about the project activity and Golden Standard process
- ❖ People had a positive view of the project as there are no negative consequences
- ❖ The meeting was well organized with rational time

➤ What do you like about the project?

The participants all recognized the positive social-economic and environmental impacts of the proposed project, as follows:

The participants all recognized the positive socioeconomic and environmental impacts of the proposed project, as follows:

- ❖ Creating jobs for the local people
- ❖ Economic benefit
- ❖ Providing water
- What do you not like about the project?

Participants gave no negative comments about the project.

C. 2. Pictures from physical meeting(s)

Photos of stakeholder consultation meeting:





C. 3. Outcome of consultation process

i. Minutes of physical meeting(s)

Please ensure that you include a summary of the meeting as well as all comments received. Please also include discussion on Continuous Input/Grievance Expression methods; comments, agreement or modifications suggested by Stakeholders.

Registration

Participants signed the attendance list.

Opening of the meeting and explanation of the project

Taking this chance to open the meeting on the environment for reduction of pollution releasing, the purpose is to collect your comments on the project of Reduction of Carbonic Releasing.

Project overview and introduction

All peoples will receive 01 set of Result Summary copy. The project basic context is:

Nam Hinboun Hydropower Dam Project in the low area of river is an overflow water dam with 15MW power produced by two turbines overflowed by water and each turbine produce 7.5MW.

This project is constructed to respond to the need on development of Hydropower dam industry of Lao PDR and it will contribute to development of local economy. This Hydropower Dam is a complete and sustainable technique. It does not reduce only the use of coal but it could be interesting in the subject to reduction of carbolic releasing. After the project completion, it can help to reduce the pollution in the environment, to improve better the atmosphere. At the same time, using appropriate resources, it can help to reduce the loss of new resources in apparition. This shows the capacity of hydropower dam in the energy save and promotion of local development.

The content of this project is described in the verso page of this Result Summary sheet to facilitate all peoples to better understand the project.

Suggestions by participants

Everybody has 10 minutes to suggest against the points that the villagers recommend making the minute, as well as the participants to the meeting provide explanation to the villagers about the duties and tasks of the construction.

The suggestions are following:

- Quality of air
- Quality and quantity of water
- Soil conditions
- Polluted objects

Questions:

- a) Is the air in local context polluted?
- b) How is the air in local context before and during the construction?
- c) Does this project affect to the quality and quantity of water?
- d) And does this project affect to the protection of biodiversity?
- e) Do the project conditions affect the soil situation?
- f) Does the pollution from the project include sound or light pollution?
- g) Will the project create jobs, and will the implementation of the project help improve the working environment and quality of the workers?
- h) Will the project provide jobs and generate incomes?

All these questions were fully and satisfactorily answered by the project proponents.

Blind SD exercise and Discussion of continuous input /grievance mechanism

Mr.Homma SIBOUN HEUANG, Head of Agriculture and Forestry Office of Hinboun district shows the form on basic sustainable development and explain about different issues on environment impact. He explains verbally and asks the participants of rise their hands to suggest.

And explained three categories of sustainable development: environment, social development and technological & economic development, and their possible indicators. He also explained that the evaluation would be done by comparing the project activity with a standard coal-fired power plant, which is the baseline situation. He asked which indicators the stakeholders thought was relevant to the project and then listed the indicators mentioned. He asked the audience to score them 'positive' 'neutral' or 'negative', and allowed the stakeholders to freely discuss the indicators.

Detailed information of continuous input/grievance mechanism of the project see the Section E.2 below.

Discussion on monitoring SD and The free discussion of the participants

The principle of monitoring data was explained and the stakeholders were asked if they have ideas on how to monitor the indicators if scored positive and on how to monitor the mitigation measures if the indicators scored negative. The result of this is documented in Section E below.

Has no anyone to propose the new problem and comment.

Fill in form and Recovery

The meeting participant to fill in the evaluation form The villagers intend to fill in the evaluation form.

Declared the meeting closed

The project proponents expressed their appreciation to all participants who attended the meeting and who offered many constructive suggestions.

Minutes of other consultations

There has been no other consultation.

ii. Assessment of all comments

During the consultation process, the stakeholder feedback was collected on the stakeholder meeting by oral expression from the stakeholders. And all the questions are fully explained by the owner with participants face to face on the meeting.

A questionnaire of stakeholders Blind sustainable development matrix was designed according to the Annex AC and Gold Standard Rules and Toolkit, which covers different information.

Based on the feedback for the questionnaire, the Stakeholders' comments on social and environmental impacts as well as sustainable development were summarized in Section D.3 of this document. For the example of the questionnaire was presented below in this section.

Furthermore, to collect opinions from the participants, the stakeholders provided their comments freely without limited to the questionnaire in the meeting, which is summarized in the below table:

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
Is the air in local context polluted?	Yes	Project Owner's representative confirmed that there would be no negative permanent effect to locals during the project construction and operation phase, instead there might be only minor temporally impact due to dust emission while the mitigation measure would be adopted.
How is the air in local context before and during the construction?	Yes	<p>The sources of air emission and fugitive dust will likely be from the drilling, crushing, and hauling associated with the construction activities.</p> <p>However, the dam construction is not directly linked to industrial processes, and thus the impact of emission from specific contaminants, organic chemical compounds and particulate matters will be minimized except where the work involves welding and aerosol spraying.</p> <p>Furthermore, the representative mentioned that a series of mitigation measure would be prepared for the local people to improve their local air .</p>
Does this project affect to the quality and quantity of water?	Yes	<p>Water quality issue in this stretch of the Nam Hinboun is complex as it involves many factors. The NHDHP will concern with ensuring that its activities will not lead to worsening the water quality of the river through applying the following measures:</p> <p>Strictly control the use of fuel and other hydrocarbon products such as grease, oils and lubricants to prevent leachate or run-off that can cause soil and water contamination.</p> <p>Fuel and hydrocarbon products should be stored in specially built containers in</p>

		<p>bounded areas with an impermeable base.</p> <p>Washing of vehicles or equipment will be required to designated wash down areas.</p> <p>Wastewater treatment systems need to be installed at each site to collect and treat raw sewage from various sources. These systems need to be maintained throughout the operation phase to enable the treatment of wastewater from all permanent site facilities.</p> <p>Long term monitoring would be essential for the successful management and mitigation of the impacts relating to waterborne disease in the local communities, both upstream and downstream of the sites.</p> <p>Therefore, there would be minor impact on the water utilization for nearby villages.</p>
Does this project affect to the protection of biodiversity?	Yes	<p>The project area is of predominantly secondary and disturbed forestland and patches of remnant woodland. There is no presence of primary forest nor are there any NPAs, PPAs or DPAs located within or nearby the Project area. These village conservation forests will, among other uses, provide habitats for wildlife and healthy forest ecosystem services. It is important for the project to make sure that threats to species will not be resulted from the presence of the construction workforce. At the same time, presence of the workforce should not result in increased pressures on the local harvest and use of Non-Timber Forest Products (NTFPs).</p> <p>For this reason, direct project impact on sensitive forest areas and resources will be minimal during the construction phase and negligible during operation.</p>
Do the project conditions affect the soil situation?	Yes	<p>According to the IEE, to prevent soil erosion, the following measures will be undertaken, for example: (1) Schedule construction activities during the dry season (low flows), where possible; (2) Implement appropriate erosion control and drainage management measures to minimize the potential impacts associated with land clearance; (3) Minimize cleared areas and re-vegetate</p>

		exposed sites with grass or plants to reduce sediment run-off, etc. Thus, status of soil erosion will be mitigated.
Does the pollution from the project include sound or light pollution?	Yes	<p>For this, main resources of noise are dam construction blasting, drilling, dredging, operation of heavy machinery and equipment, transport operation. The mitigation's as follows:</p> <p>All construction equipment and machinery shall comply with noise emission standard.</p> <p>Avoid night shift work and work on Sundays unless special permit is granted.</p> <p>Use of PPE among workers and on-site personnel exposed to noisy work.</p> <p>The project doesn't exist light pollution.</p> <p>Therefore, this project will not cause light pollution and significant noise pollution.</p>
Will the implementation of the project help improve the working environment and quality of the workers?	Yes	<p>The working environment of the workers will strictly implement as following measures:</p> <p>Promotion of preventive measures, eg, use of condoms.</p> <p>Regular site clean-ups, draining water bodies that can harbor disease vector (mosquito).</p> <p>Conduct hygiene and sanitation awareness programmed.</p> <p>Support local initiatives on disease prevention campaigns.</p> <p>Siting fuel depot away from the living buildings and residential areas.</p>
Will the project provide jobs and generate incomes?	Yes	Project Owner's representative mentioned that all the construction works would be open for local construction company, and would request the company to recruit locally.

ໂຄງການເຂື່ອນໄຟຟ້ານ້ຳຫີນບູນຕອນລຸ່ມ

ໃບປະເມີນຜົນພັດທະນາແບບຍືນຍົງ

ເປົ້າໝາຍ	ວິທີວິໄຈການວິໄຈ	ຂໍ້ມູນແລະອະທິບາຍ	ຊຸມເປັນ "-", "0" ຫຼື "+"
ຜົນສະທ້ອນສະພາບແວດລ້ອມ			
ຄຸນນະພາບອາກາດ		ອາກາດພາຍໃນຫ້ອງເປັນມື້ນລະພິດພາຍຫຼັງປະຕິບັດການກໍ່ສ້າງ (ກໍ່ສ້າງລົດການໃຊ້ເຄື່ອງຖ່າຍໄຟ) ລົດນ້ອຍຫຼືບໍ່ (ຫຼືເພີ່ມຂຶ້ນ) ພາຍໃນຫ້ອງເປັນມື້ນລະພິດພາຍຫຼັງປະຕິບັດການກໍ່ສ້າງ ຫ້ອງຖິ້ມໃນຫ້ອງເປັນມື້ນລະພິດພາຍໃນ ກໍ່ໃຫ້ເກີດໂລກ, ຄືລະບົບທາງເດີນທາຍໃຈ	0
ຄຸນນະພາບນ້ຳແລະປະລິມານນ້ຳ		ໂຄງການມີຜົນສະທ້ອນຕໍ່ນ້ຳບູນນະພາບນ້ຳແລະປະລິມານນ້ຳດີຫຼືບໍ່ ຄື: ໂຄງການນີ້ແມ່ນມີຫຼັບມີຕໍ່ນ້ຳບູນ ສັກສາຊີວະພາບແລະຊ່ວຍສັກສາ ຊັບພະຍາກອນນ້ຳ, ທ່ານຄິດວ່າ ໂຄງການນີ້ມີຜົນສະທ້ອນຕໍ່ນ້ຳດີຫຼືບໍ່ ຄື?	0
ເງື່ອນໄຂສະພາບດິນ		ໂຄງການນີ້ມີຜົນສະທ້ອນຕໍ່ດິນດີຫຼືບໍ່ ຄື: ມີຜົນສະທ້ອນຕໍ່ດິນດີຫຼືບໍ່?	0
ສິ່ງເປັນມື້ນລະພິດອື່ນໆ		ໂຄງການນີ້ມີຜົນສະທ້ອນຕໍ່ສິ່ງອື່ນໆ ຫຼືບໍ່? ແສງສັນຍາມື້ນລະພິດອື່ນໆ?	+
ຄວາມສາມາດຫຼາຍທາງຊີວະພາບ		ເຮດໂກ້ກິ້ງມີສັດທີ່ໃກ້ຈະສູນພັນຫຼືບໍ່, ໂຄງການນີ້ມີຜົນສະທ້ອນຕໍ່ການດຳລົງຊີວິດແນວໃດ? ໂຄງການນີ້ມີຜົນສະທ້ອນຕໍ່ນ້ຳບູນພືດເວດຄືປ່າໄມ້, ສັດ? ຍ້ອຍຫຍັງ?	+

ເປົ້າໝາຍ	ວິທີວິໄຈການວິໄຈ	ຂໍ້ມູນແລະອະທິບາຍ	ຊຸມເປັນ "-", "0" ຫຼື "+"
ຜົນສະທ້ອນພັດທະນາສັງຄົມ			
ຄຸນນະພາບສະພາບແວດລ້ອມການເຮັດວຽກຂອງພະນັກງານ		ໂຄງການຊ່ວຍໃຫ້ມີວຽກເຮັດງານກໍ່ສ້າງ? ໂຄງການໄດ້ຊ່ວຍປັບປຸງສະພາບແວດລ້ອມແລະຄຸນນະພາບຂອງການກະກຽມຫຼືບໍ່?	+
ການດຳລົງຊີວິດຂອງຜູ້ມີພາບເສຍຫາຍ		ໂຄງການໄດ້ເພີ່ມລາຍຮັບໃຫ້ຄອບຄົວທີ່ມີພາບເສຍຫາຍ? ໂຄງການໄດ້ປັບປຸງເງື່ອນໄຂອາໄສໃນການເປັນມື້ນລະພິດ?	+
ຄວາມສາມາດຍອມຮັບໃນການຜ່າຄວາມສະອາດແຫຼ່ງພະລັງງານ		ໂຄງການໄດ້ຊ່ວຍໃຫ້ຜູ້ເຮັດວຽກເຮັດໄຟຟ້າ? ໂຄງການໄດ້ຊ່ວຍໃຫ້ຜູ້ເຮັດວຽກເຮັດໄຟຟ້າ?	+
ຜົນສະທ້ອນສາເຫດຖະກິດແລະເສັ້ນທາງ			
ຄວາມສາມາດໃນການກໍ່ສ້າງຂອງອົງກອນແລະບຸກຄົນ		ໂຄງການໄດ້ອະນຸຍາດໃຫ້ອົງກອນກະກຽມ ແມ່ຍິງທ້ອງຖິ່ນຫຼືບໍ່?	+
ສາດສະໜາແລະຄວາມສຳພັນ		ໂຄງການໄດ້ສະໜອງໂອກາດວຽກເຮັດວຽກເຮັດໄຟຟ້າກໍ່ສ້າງຫຼືບໍ່?	+
ດຶງດູດລົງທຶນ		ໂຄງການໄດ້ດຶງດູດລົງທຶນຫຼືບໍ່?	+
ຖ່າຍທຳເປັນນັກກິລາແລະລະດັບຄວາມເປັນຈິງເອງ		ໂຄງການໄດ້ນຳເອົາເປັນນັກກິລາແລະລະດັບຄວາມເປັນຈິງເອງຫຼືບໍ່?	+

ຖ້າຫາກວ່າມີຜົນສະທ້ອນທີ່ເປັນບວກ, ແມ່ນຢູ່ແຖວສາງຂອງຊຸມ "+"

ຖ້າບໍ່ມີຜົນສະທ້ອນຫຼືສະທ້ອນສາງດ້ານລົບສາມາດພິມລົງ, ແມ່ນຢູ່ແຖວສາງຂອງຊຸມ "0"

ຖ້າມີຜົນສະທ້ອນທາງລົບ, ແມ່ນຢູ່ແຖວສາງຂອງຊຸມ "-".

ໂຄງການເຂື່ອນໄຟຟ້ານ້ຳຫີນບູນຕອນລຸ່ມ

ໃບປະເມີນຜົນພັດທະນາແບບຍືນຍົງ

ເປົ້າໝາຍ	ວິທີວິໄຈການວິໄຈ	ຂໍ້ມູນແລະອະທິບາຍ	ຊຸມເປັນ "-", "0" ຫຼື "+"
ຜົນສະທ້ອນສະພາບແວດລ້ອມ			
ຄຸນນະພາບອາກາດ		ອາກາດພາຍໃນຫ້ອງເປັນມື້ນລະພິດພາຍຫຼັງປະຕິບັດການກໍ່ສ້າງ (ກໍ່ສ້າງລົດການໃຊ້ເຄື່ອງຖ່າຍໄຟ) ລົດນ້ອຍຫຼືບໍ່ (ຫຼືເພີ່ມຂຶ້ນ) ພາຍໃນຫ້ອງເປັນມື້ນລະພິດພາຍຫຼັງປະຕິບັດການກໍ່ສ້າງ ຫ້ອງຖິ້ມໃນຫ້ອງເປັນມື້ນລະພິດພາຍໃນ ກໍ່ໃຫ້ເກີດໂລກ, ຄືລະບົບທາງເດີນທາຍໃຈ	++
ຄຸນນະພາບນ້ຳແລະປະລິມານນ້ຳ		ໂຄງການມີຜົນສະທ້ອນຕໍ່ນ້ຳບູນນະພາບນ້ຳແລະປະລິມານນ້ຳດີຫຼືບໍ່ ຄື: ໂຄງການນີ້ແມ່ນມີຫຼັບມີຕໍ່ນ້ຳບູນ ສັກສາຊີວະພາບແລະຊ່ວຍສັກສາ ຊັບພະຍາກອນນ້ຳ, ທ່ານຄິດວ່າ ໂຄງການນີ້ມີຜົນສະທ້ອນຕໍ່ນ້ຳດີຫຼືບໍ່ ຄື?	++
ເງື່ອນໄຂສະພາບດິນ		ໂຄງການນີ້ມີຜົນສະທ້ອນຕໍ່ດິນດີຫຼືບໍ່ ຄື: ມີຜົນສະທ້ອນຕໍ່ດິນດີຫຼືບໍ່?	++
ສິ່ງເປັນມື້ນລະພິດອື່ນໆ		ໂຄງການນີ້ມີຜົນສະທ້ອນຕໍ່ສິ່ງອື່ນໆ ຫຼືບໍ່? ແສງສັນຍາມື້ນລະພິດອື່ນໆ?	++
ຄວາມສາມາດຫຼາຍທາງຊີວະພາບ		ເຮດໂກ້ກິ້ງມີສັດທີ່ໃກ້ຈະສູນພັນຫຼືບໍ່, ໂຄງການນີ້ມີຜົນສະທ້ອນຕໍ່ການດຳລົງຊີວິດແນວໃດ? ໂຄງການນີ້ມີຜົນສະທ້ອນຕໍ່ນ້ຳບູນພືດເວດຄືປ່າໄມ້, ສັດ? ຍ້ອຍຫຍັງ?	++

ເປົ້າໝາຍ	ວິທີວິໄຈການວິໄຈ	ຂໍ້ມູນແລະອະທິບາຍ	ຊຸມເປັນ "-", "0" ຫຼື "+"
ຜົນສະທ້ອນພັດທະນາສັງຄົມ			
ຄຸນນະພາບສະພາບແວດລ້ອມການເຮັດວຽກຂອງພະນັກງານ		ໂຄງການຊ່ວຍໃຫ້ມີວຽກເຮັດງານກໍ່ສ້າງ? ໂຄງການໄດ້ຊ່ວຍປັບປຸງສະພາບແວດລ້ອມແລະຄຸນນະພາບຂອງການກະກຽມຫຼືບໍ່?	++
ການດຳລົງຊີວິດຂອງຜູ້ມີພາບເສຍຫາຍ		ໂຄງການໄດ້ເພີ່ມລາຍຮັບໃຫ້ຄອບຄົວທີ່ມີພາບເສຍຫາຍ? ໂຄງການໄດ້ປັບປຸງເງື່ອນໄຂອາໄສໃນການເປັນມື້ນລະພິດ?	++
ຄວາມສາມາດຍອມຮັບໃນການຜ່າຄວາມສະອາດແຫຼ່ງພະລັງງານ		ໂຄງການໄດ້ຊ່ວຍໃຫ້ຜູ້ເຮັດວຽກເຮັດໄຟຟ້າ? ໂຄງການໄດ້ຊ່ວຍໃຫ້ຜູ້ເຮັດວຽກເຮັດໄຟຟ້າ?	++
ຜົນສະທ້ອນສາເຫດຖະກິດແລະເສັ້ນທາງ			
ຄວາມສາມາດໃນການກໍ່ສ້າງຂອງອົງກອນແລະບຸກຄົນ		ໂຄງການໄດ້ອະນຸຍາດໃຫ້ອົງກອນກະກຽມ ແມ່ຍິງທ້ອງຖິ່ນຫຼືບໍ່?	++
ສາດສະໜາແລະຄວາມສຳພັນ		ໂຄງການໄດ້ສະໜອງໂອກາດວຽກເຮັດວຽກເຮັດໄຟຟ້າກໍ່ສ້າງຫຼືບໍ່?	++
ດຶງດູດລົງທຶນ		ໂຄງການໄດ້ດຶງດູດລົງທຶນຫຼືບໍ່?	++
ຖ່າຍທຳເປັນນັກກິລາແລະລະດັບຄວາມເປັນຈິງເອງ		ໂຄງການໄດ້ນຳເອົາເປັນນັກກິລາແລະລະດັບຄວາມເປັນຈິງເອງຫຼືບໍ່?	++

ຖ້າຫາກວ່າມີຜົນສະທ້ອນທີ່ເປັນບວກ, ແມ່ນຢູ່ແຖວສາງຂອງຊຸມ "+"

ຖ້າບໍ່ມີຜົນສະທ້ອນຫຼືສະທ້ອນສາງດ້ານລົບສາມາດພິມລົງ, ແມ່ນຢູ່ແຖວສາງຂອງຊຸມ "0"

ຖ້າມີຜົນສະທ້ອນທາງລົບ, ແມ່ນຢູ່ແຖວສາງຂອງຊຸມ "-".

Figure. Sample of the questionnaire

iii. Revisit sustainability assessment

Are you going to revisit the sustainable development assessment?	Yes	No
Please note that this is necessary when there are indicators scored 'negative' or if there are stakeholder comments that can't be mitigated	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Give reasoning behind the decision

The overall feedback to the project was positive; therefore no need is seen in revisiting the sustainable assessment.

iv. Summary of alterations based on comments

From the stakeholder consultation process, there were no comments including environmental, social and economic concerns which caused a change to the project design. Other issues as mentioned above are almost covered in the basic design. Hence, the project will be implemented as per the original plan.

SECTION D. SUSTAINABLE DEVELOPMENT ASSESSMENT

D. 1. Own sustainable development assessment

i. 'Do no harm' assessment

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low, medium, high)	Mitigation measure
Human Rights			
1.The project respects internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicit in Human Rights abuses.	<p>According to the IEE, the project will set a flood discharge gate which will partially open in dry season and fully open in rainy season in order to ensure water flow for downstream water use. Therefore, the human rights of water resource usage will not be impacted by the project.</p> <p>No cultural property was spotted in the project area as per IEE.</p> <p>The project respects internationally proclaimed human rights, including personal and political freedom, economic, social and culture freedoms, etc. and none of the</p>	Low	<p>No mitigation measure is required for this indicator.</p> <p>Project will be implemented in compliance with regulations.</p>

	project participate is arms producer /distributor or land mines producer/ distributor. Lao PDR (host country) has ratified two core UN human rights treaties, including the UN International Covenant on Civil and Political Rights (ICCPR) and the International Covenant on Economic, Social and Cultural Rights (ICESCR) ⁵ . The project will have no negative impact on the lifestyles of local and indigenous people. The people in the surrounding area will benefit from the electricity generated by the new hydropower station.		
2.The project does not involve and is not complicit in involuntary resettlement.	According to the Initial Environment Examination (IEE) report during the preparation stage, a number of houses and associated built household assets within the dam site on the left hand side in Ban Khamkeo may require relocation due to their too close proximity to the dam. While the exact extent of this impact remains to be further ascertained in consultation with the concerned homeowners, it is necessary that attention is paid to the possible relocation of those homes and their assets.	Medium	<p>If relocation is to take place, the following should be undertaken to mitigate the impact to resolve the situation.</p> <ul style="list-style-type: none"> • Carry out a closer examination of the few houses and associated household assets (only those that will be made partially or entirely unusable) which will need to be relocated, especially if so wished by the homeowners. • The Developer in consultation with the village

⁵ <http://www1.umn.edu/humanrts/research/ratification---laos.html>

			<p>authority, homeowners, concerned district offices and authority works out appropriate compensation measures to be discussed and agreed upon with the owners.</p> <ul style="list-style-type: none"> • Compensation can either be in-kind (land for land, house for house) or monetary compensation as will be agreed to with the owners³⁴. If land for land is the preferred option to the affected persons, the Developer will need to locate alternative sites (possibly within the village) for the relocation subject to consensus of the affected people. The principle is that financial compensation should be made on the full replacement cost basis. • Informing affected households of the detailed schedule of construction activities well in advance of the construction. This will allow the residents to plan their land use activities and be prepared for relocation if so
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			necessary. All costs associated with the removal and transportation of the household assets, items and materials to the new site or the cost of new building materials will be borne by the Project.
3.The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage.	The Project does not involve and is not complicity in the alteration, damage or removal of any critical cultural heritage. There is no protected area, national park or archaeological site within the project boundaries.	Low	No mitigation measure is required for this indicator.
4. The project respects the employees' freedom of association and their right to collective bargaining and is not complicit in restrictions of these freedoms and rights.	The project activity does not interfere with legal rights regarding employees' freedom of association or their right to collective bargaining. The project fully respects the employee's freedom and rights and all related laws endorsed by Lao government. Ref: Labour Law ⁶ , Article 5	Low	No mitigation measure is required for this indicator.
5. The Project does not involve and is not complicit in any form of forced or compulsory labour.	All employees are engaged in the project implementation on a voluntary basis. The project fully respects the employee's rights in accordance with all labour related laws.	Low	No mitigation measure is required for this indicator.

⁶ http://www.na.gov.la/docs/eng/laws/soc_cult/Labour%20%282006%29%20Eng.pdf

	<p>The host country has ratified a total of eight ILO Conventions⁷, including five of the eight ILO core Conventions³⁴ (covering forced labour, equal, discrimination and child labour).</p> <p>Ref: Labour Law, Article 3</p>		
6.The project does not employ and is not complicit in any form of child labour.	<p>The project does not involve the employment and complicit of child labour. The Host country has its own credible legislation in place prohibiting child labour. The proposed project requires a limited number of skilled employees to operate, maintain and manage the plant. Therefore, it does not employ and is not complicit in any form of child labour.</p> <p>Ref: Labour Law, Article 41</p>	Low	No mitigation measure is required for this indicator.
7. The project does not involve and is not complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis.	<p>In Laos PDR(host country), labour legislation forbid any form of discriminate based on gender, race, religion, sexual orientation or on any other basis. According to the interview with the project owner, there is strong solidarity existing among people from different minority groups in the project site.</p> <p>Ref: Labour Law, Chapter 5&Chapter 7</p>	Low	No mitigation measure is required for this indicator.

⁷ <http://www.ilo.org/asia/countries/lao-peoples-democratic-republic/lang--en/index.htm>

8. The project provides workers with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work environments.	<p>The construction of the project requires intensive labour for construction and machinery operation. Workers may be exposed to risk on the construction, e.g. occupational hazard and accidents.</p> <p>A hydro project in general does not expose workers to unsafe or unhealthy work environments in terms of toxins or chemicals.</p>	Low	<p>The workers are trained in respect to construction safety. The project owners will provide safe and healthy environment in line with the labour law.</p> <p>Ref: Labour Law, Chapter 6.</p>
Environmental Protection			
9. The project takes a precautionary approach in regard to environmental challenges and is not complicit in practices contrary to the precautionary principle.	<p>The project activity is a hydropower project. According to IEE, the project will trap sediment in very short time during impoundment then water will be released and maintain in natural condition. The project activity does not threaten human health or the environment. The project will be constructed and operated in an environmental friendly way. All the release (i.e. waste water, solid waste, excavation waste) and hazard waste (i.e. waste oil) will be handled according to the national legislation. Adequate hearing protection will be provided during the blasting time.</p>	Low	<p>The project will implemented according to national regulations including "Environmental Protection Law", "National Policy on Environmental and Social Sustainability of the Hydropower Sector in Lao PDR".</p> <p>Precautionary principles have been taken to avoid negative impacts to the local environment prior to the project starting to operation.</p> <p>In order to minimize impact on environment, mitigation measures will be issued which includes;</p> <p>-Releasing minimal flow to</p>

			<p>ensure the biodiversity in the downstream of the river;</p> <p>-Proper disposal of wastes; Solid waste (such as excavation waste) can be collected regularly and transported to the site waste management facility for segregation prior to reuse or to sending off-site for recycling;</p> <p>-Restricted working hour in construction area and times for ground blasting;</p> <p>-Provide adequate hearing protection to Construction workers when noise levels of 70-80 dB or above due to the blasting;</p> <p>-Buffer zones of vegetation shall be left along stream banks to maintain riparian habitats and prevent sedimentation;</p> <p>-Rehabilitation of land after construction works are completed including tree planting and topsoil</p>
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			restoration.
Social Impacts			
<p>10. The project does not involve and is not complicit in significant conversion or degradation of critical natural habitats, including those that are</p> <p>(a) legally protected, (b) Officially proposed for protection, (c) Identified by authoritative sources for their high conservation value, or (d) Recognized as protected by traditional local communities.</p>	<p>According to the IEE, the project will set a flood discharge gate which will partially open in dry season and fully open in rainy season in order to ensure downstream water use.</p> <p>The project does not involve and is not complicit in significant conversion or degradation of critical natural habitats. The project is located in an isolated area and there are no critical natural habitats located at or close to the project site. As a hydropower project, the project will not lead to invasive species introduction or activity displacement.</p>	Low	Company will comply with all national regulations.
Anti-Corruption			
<p>11. The project does not involve and is not complicit in corruption.</p>	<p>Lao PDR has published relevant law⁸ to against corruption. Furthermore, Lao PDR ratified the UN Convention against Corruption⁹ on Sep.25, 2009, Lao PDR will have the right to ask for assistance from other member countries in investigating and dealing with corruption cases with foreign elements.</p> <p>The project is a private- owned, the project</p>	Low	No mitigation measure is required for this indicator.

⁸ http://www.na.gov.la/docs/eng/laws/pub_adm/Penal%20%282005%29%20Eng.pdf

⁹ <http://www.unlao.org/Blog/post/Lao-PDR-joins-international-fight-against-corruption.aspx>

	owner does not condone or support corruption. Ref: Penal Law, Article 157		
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ii. Sustainable development matrix

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Air quality	<p>According to the IEE, air and dust impact mainly occurred during construction period. The following mitigation measures are suggested in the IEE:</p> <p>Exposed areas will be minimized as far as practical and progressively re-vegetation of cleared areas will be carried out.</p> <p>All vehicles movements will be restricted to designated access routes and haul roads.</p> <p>Routine watering the road surface or any exposed areas being worked in to suppress dust emission</p> <p>The area for waste burning should not be within 5 km of a village.</p> <p>Burning of waste will not be</p>	<p>Related to MDG</p> <p>Goal 7: Ensure environmental sustainability</p> <p>Target 7.a Integrate the principles of sustainable development into country policies and programme and reverse the loss of environmental resources</p>	<p>Parameter:</p> <p>Construction period: maintain log of water sprinkling with time, date and signature of project manager responsible.</p> <p>Dust emission occurs due to the construction process; however the emission can be mitigated using appropriate measures. On the other hand, the project will reduce NO_x, SO₂ emissions due to combustion of fossil fuel for electricity generation in the baseline scenario.</p> <p>Thus, this sustainable indicator scores a “+”.</p>	+

	undertaken during severe wind condition.			
Water quality and quantity	<p>Construction period:</p> <p>Treat runoff from construction sites, if necessary, prior to off-site discharge. Install appropriate drainage at construction sites. Hazardous materials should be stored and used within properly bounded areas.</p> <p>Collect and treat of wastewater from camp sites prior to discharge. Septic tank systems will be installed at each construction work camp and monitored regularly in case of septic tank are full and need to be emptied.</p> <p>Dispose of residual waste in suitably designed facilities to prevent contamination of surface runoff. Locate waste disposal facilities away from natural drainage lines, above the groundwater table, and within low permeability soils. Routine water quality monitoring.</p> <p>Operation period:</p> <p>Routine water quality monitoring.</p>	<p>Related to MDG Goal 7:</p> <p>Ensure environmental sustainability</p> <p>Target 7.b Reduce biodiversity loss.</p>	<p>Parameter:</p> <p>Perform routine water quality monitoring as per regulatory requirements in construction and operation period.</p> <p>During the project construction period, washing waste water and waste water with oil from machinery were produced. During the project operation period, domestic waste water and sanitary waste water is generated. The project owner applies treatment to discharged waste water to make sure it is complied with the local regulation.</p> <p>Thus, this indicator therefore scores "0".</p>	0



Soil condition	<p>Pre-construction period:</p> <p>Schedule in-stream work during dry season (low flows), where possible. The erosion and sediment control works will be implemented prior to the commencement of any construction works on the site. Identify areas that are potentially sensitive to erosion. All erosion and sediment control will be designed for a minimum of a 2 year ARI flood. Divert clean runoff away from construction areas where possible. Install suitable erosion and sediment control structures at construction sites and spoil disposal areas.</p> <p>Construction period:</p> <p>Runoff velocities will be reduced to have stable flow downstream by minimizing the length of flow paths, constructing any channels with gentle gradients and providing rough lining for steeper channels.</p> <p>Treat sediment-laden runoff generated by construction activities prior to it entering watercourses. This includes installation of sediment collection devices (sediment basin, silt fences and sediment traps) which will capture</p>	Related to MDG Goal 7: Ensure environmental sustainability	<p>Parameter:</p> <p>Perform periodical soil erosion survey and implement mitigation measures if necessary</p> <p>Proper measures have been adopted to prevent negative impact on soil condition due to the project.</p> <p>Given the appropriate mitigation measures, this indicator scores "0".</p>	0
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	<p>sediment. Review of effectiveness and adequacy of existing erosion and sediment controls will be implanted. All erosion and sediment controls will be visually inspected to ensure their ongoing effectiveness. Minimize area of land cleared. Retain riparian vegetation to filter runoff where possible. Monitor land clearance activities carefully. Progressively clear and rehabilitate where possible. Minimize the length and steepness of slopes of spoil disposal and top soil stockpiles (e.g. use bench terraces). At cleared sites, install erosion control measures prior to the wet season. Maintain vegetation in areas sensitive to erosion. Periodically survey areas that are sensitive to erosion to determine any requirement for stabilization.</p> <p>Operation period:</p> <p>Runoff velocities will be reduced to have stable flow downstream by minimizing the length of flow paths, constructing any channels with gentle gradients and providing rough lining for steeper channels.</p>			
Other	To reduce potential noise impact on	Related to MDG Goal 7: Ensure	Parameter:	0

pollutants	<p>the communities and the construction workers, the following specific mitigation measures are proposed:</p> <p>It is important that the construction equipment, machinery and technology used meet acceptable standards in terms of noise emission level. Proper machinery and equipment maintenance is also critical to reduce noise level.</p> <p>Project activities shall be carried out within the hours of 06:00-18:00, Monday to Saturday.</p> <p>Transportation in service of the construction should be limited to the daytime, avoid extensive honking.</p> <p>It is important to consider the restriction on high music sound level from the labour camp at night since the camp is located relatively close to the residential areas.</p>	environmental sustainability	<p>Construction period: solid/liquid wastes management record</p> <p>Operation period: noise survey, regular maintenance of machinery and noise prevention provisions such as ear plugs</p> <p>As the main construction sites are not adjacent to the local communities, the impact of noise is limited. And the project site is far away from the village and mitigation measures implemented during construction work.</p> <p>This indicator scores "0".</p>	
Biodiversity	<p>Conservation of locally adapted species and ecosystems are done via ensuring water flow and recovery of vegetation after construction.</p> <p>Management and mitigation of</p>	Related to MDG Goal 7: Ensure environmental sustainability	<p>Parameter:</p> <p>Biodiversity protection procedure in place</p> <p>There is no endangered species</p>	0

	<p>potential impacts on forest resources and biodiversity will be handled as follows:</p> <p>Having rules and regulations prohibiting the project workers' engagement in the collection and harvest of local NTFPs including refraining from wildlife hunting, consumption, possession and trade. Sufficient food requirement of the workforce should be provided by the project. The prohibitions are applicable also to camp followers should they be present;</p> <p>No wood cutting will be permitted in village forest areas for fuelwood or construction materials. All wood required for the dam construction and used by the workforce will be supplied from legitimate sources outside the project area;</p> <p>The Developer shall plan and conduct project related activities within the identified perimeter of the allocated land.</p>		<p>in the project on-site.</p> <p>Fish fry will be bred into the river if necessary. The underground water is not affected.</p> <p>Thus, given the appropriate mitigation measures, this indicator scores "0".</p>	
Quality of employment	-	MDG Target 1.A: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day.	<p>Parameter: records of trainings and labor conditions</p> <p>Compared to the baseline scenario, training provided by</p>	+

		MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young people.	the project owner will improve the employees' qualifications which might help them to find job more easily in future. Staff will be trained for the positions created during construction & operation phases. All Health and Safety measurements will be applied according to local regulations. The project will provide long-term jobs. Thus, this sustainable indicator scores a "+".	
Livelihood of the poor	-	MDG Target 1.A: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day. MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young people.	Parameter: salary record of Job opportunities provided by the project to local residents Job opportunities will be provided to the local residents, which will bring local people especially the poor the employment chances. Thus, this sustainable indicator scores a "+".	+
Access to affordable and clean energy services	-	Target 8.B and 8.c Address the special needs of the least developed countries, landlocked developing countries and small island developing States.	Parameter: the net electricity generated to the local grid. Power generation record and evidence such as invoices /receipts will be used	+

			<p>for determine the power generation.</p> <p>Before the construction of the project, the local residents adopt firewood as the main energy source. The construction of the project will change the energy use and promote local electrification. The construction of the project will improve local electricity transmission system, promote the electrification progress. The project increases the renewable energy.</p> <p>Thus, this sustainable indicator scores a “+”.</p>	
Human and institutional capacity	-	-	<p>The project dose not have gender barrier for employment.</p> <p>There is no significant impact on this indicator resulting from the project development.</p> <p>Thus this indicator scores “0”.</p>	0
Quantitative employment and income generation	-	<p>MDG Target</p> <p>1.A: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day.</p>	<p>Parameter:</p> <p>Number of jobs created and recorded by the project developer</p>	+

		MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young people.	<p>During the construction period, plenty of job opportunities were provided to local residents, and the newcomers surged in the area will bring local people especially the poor and disadvantaged groups lots of employment chances.</p> <p>As a result, the employment rate and income level have increased. And the average salary for the project employee is higher than the local level.</p> <p>So this indicator scores “+”.</p>	
Balance of payments and investment	The construction of the project will lead domestic investment to the project site area, where the most under developed area in a least developed country.	Target 8.B and 8.c Address the special needs of the least developed countries, landlocked developing countries and small island developing States.	<p>The chance of the project bringing more investment is unclear.</p> <p>Thus this indicator scores “0”.</p>	0
Technology transfer and technological self-reliance	-	<p>Target 8.F</p> <p>In cooperation with the private sector, make available the benefits of new technologies, especially information and communications.</p>	<p>The turbine and generator of the project will adopt the mature technology from a foreign manufacturer. No new technology is import from outside.</p> <p>Thus, this sustainable indicator</p>	0

scores a "0".

Comments resulting from the stakeholders blind sustainable development matrix

D. 2. Stakeholders Blind sustainable development matrix

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Air quality		<p>Related to MDG</p> <p>Goal 7: Ensure environmental sustainability</p> <p>Target 7.a Integrate the principles of sustainable development into country policies and programme and reverse the loss of environmental resources</p>	<p>Air quality indicators</p> <p>All stakeholders agree that this is a clean project without emission.</p>	+
Water quality and quantity		<p>Related to MDG Goal 7: Ensure environmental sustainability</p> <p>Target 7.b Reduce biodiversity loss.</p>	<p>Flow rate of water released & The water quality indicators</p> <p>Small scale hydropower stations do not alter the water that runs through them.</p>	0
Soil condition		<p>Related to MDG Goal 7: Ensure environmental sustainability</p>	<p>After discussions the stakeholders come to the opinion that the project is small</p>	0

			size. And the project does not have reservoir. Hence, the project negligibly affects the soil quality	
Other pollutants		Related to MDG Goal 7: Ensure environmental sustainability	All the stakeholders consider that there is no other pollutant from this project.	0
Biodiversity		Related to MDG Goal 7: Ensure environmental sustainability	Due to the project is a run- of- river hydro project, all the water used for the power generation will be discharged. Impacts on flora and fauna are negligible.	0
Quality of employment		MDG Target 1.A: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day. MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young people	Most participants believed that the project would improve the quality of the employment in the area. Therefore, score positive is conservatively given.	+
Livelihood of the poor		MDG Target 1.A: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day. MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young	After discussion, the stakeholders realize this new project can bring more tax to the government and increase local spending, thus it may have indirect positive impacts on the livelihood of the poor. And the	+

		people	job opportunities will be provided to the local residents, which will bring local people especially the poor the employment chances. Thus they score it positive.	
Access to affordable and clean energy services		Target 8.B and 8.c Address the special needs of the least developed countries, landlocked developing countries and small island developing States	The stakeholders are aware that the project consumes no fossil fuel and produces clean energy with water source, however, since they sell electricity directly to the Grid to replace power generated by fossil-fuel plants. Thus they score it positive.	+
Human and institutional capacity			After discussion, the stakeholders consider working at the plant requires professional skills, hence, they score this indicator positive.	+
Quantitative employment and income generation		MDG Target 1.A: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day. MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young people.	In stakeholders' opinion, since more job opportunities are created, more income is expected. Thus they score this indicator positive.	+

Balance of payments and investment		<p>Target 8.B and 8.c</p> <p>Address the special needs of the least developed countries, landlocked developing countries and small island developing States.</p>	<p>After discussion, the project participants agree no impacts are expected on balance of payments and investment.</p>	0
Technology transfer and technological self-reliance		<p>Target 8.F</p> <p>In cooperation with the private sector, make available the benefits of new technologies, especially information and communications</p>	<p>After discussion, project participants realize no technology transfer happened for this project.</p>	0

Comments resulting from the stakeholders blind sustainable development matrix

Give analysis of difference between own sustainable development matrix and the one resulting from the blind exercise with stakeholders. Explain how both were consolidated.

The blind exercise was completed by the stakeholders. During the stakeholder consultation meeting, questionnaires with all the SD indicators requested by GS were distributed, all the meaning for the indicators were explained to the participants, During the meeting, the score presented in the LSC was based on result of questionnaires return by the stakeholders.

PO's own sustainable development table was filled in together with the "do no harm" assessment and indicators assessment before the meeting.

Way of consolidation:

Due to the fact that both tables are scored in the same way, the consolidated table uses the identical scores plus the explanations from the 'own sustainable development matrix', as these explanations are more detailed.

D. 3. Consolidated sustainable development matrix

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Air quality	<p>According to the IEE, air and dust impact mainly occurred during construction period. The following mitigation measures are suggested in the IEE:</p> <p>Exposed areas will be minimized as far as practical and progressively re-vegetation of cleared areas will be carried out.</p> <p>All vehicles movements will be restricted to designated access routes and haul roads.</p> <p>Routine watering the road surface or any exposed areas being worked in to suppress dust emission</p> <p>The area for waste burning should not be within 5 km of a village.</p> <p>Burning of waste will not be undertaken during severe wind condition.</p>	<p>Related to MDG</p> <p>Goal 7: Ensure environmental sustainability</p> <p>Target 7.a Integrate the principles of sustainable development into country policies and programme and reverse the loss of environmental resources</p>	<p>Parameter:</p> <p>Construction period: maintain log of water sprinkling with time, date and signature of project manager responsible.</p> <p>Dust emission occurs due to the construction process; however, the emission can be mitigated using appropriate measures. On the other hand, the project will reduce NO_x, SO₂ emissions due to combustion of fossil fuel for electricity generation in the baseline scenario.</p> <p>Thus, this sustainable indicator scores a “+”.</p>	+

Water quality and quantity	<p>Construction period:</p> <p>Treat runoff from construction sites, if necessary, prior to off-site discharge. Install appropriate drainage at construction sites. Hazardous materials should be stored and used within properly bounded areas.</p> <p>Collect and treat of wastewater from camp sites prior to discharge. Septic tank systems will be installed at each construction work camp and monitored regularly in case of septic tank are full and need to be emptied.</p> <p>Dispose of residual waste in suitably designed facilities to prevent contamination of surface runoff. Locate waste disposal facilities away from natural drainage lines, above the groundwater table, and within low permeability soils. Routine water quality monitoring.</p> <p>Operation period:</p> <p>Routine water quality monitoring.</p>	<p>Related to MDG Goal 7:</p> <p>Ensure environmental sustainability</p> <p>Target 7.b Reduce biodiversity loss.</p>	<p>Parameter:</p> <p>Perform routine water quality monitoring as per regulatory requirements in construction and operation period.</p> <p>During the project construction period, washing waste water and waste water with oil from machinery were produced. During the project operation period, domestic waste water and sanitary waste water is generated. The project owner applies treatment to discharged waste water to make sure it is complied with the local regulation.</p> <p>Thus, this indicator therefore scores "0".</p>	0
Soil condition	<p>Pre-construction period:</p> <p>Schedule in-stream work during dry season (low flows), where possible.</p>	<p>Related to MDG Goal 7: Ensure environmental sustainability</p>	<p>Parameter:</p> <p>Perform periodical soil erosion survey and implement</p>	0

The erosion and sediment control works will be implemented prior to the commencement of any construction works on the site. Identify areas that are potentially sensitive to erosion. All erosion and sediment control will be designed for a minimum of a 2 year ARI flood. Divert clean runoff away from construction areas where possible. Install suitable erosion and sediment control structures at construction sites and spoil disposal areas.

Construction period:

Runoff velocities will be reduced to have stable flow downstream by minimizing the length of flow paths, constructing any channels with gentle gradients and providing rough lining for steeper channels.

Treat sediment-laden runoff generated by construction activities prior to it entering watercourses. This includes installation of sediment collection devices (sediment basin, silt fences and sediment traps) which will capture sediment. Review of effectiveness and adequacy of existing erosion and sediment controls will be implanted. All erosion and sediment

mitigation measures if necessary

Proper measures have been adopted to prevent negative impact on soil condition due to the project.

Given the appropriate mitigation measures, this indicator scores "0".



	<p>controls will be visually inspected to ensure their ongoing effectiveness. Minimize area of land cleared. Retain riparian vegetation to filter runoff where possible. Monitor land clearance activities carefully. Progressively clear and rehabilitate where possible. Minimize the length and steepness of slopes of spoil disposal and top soil stockpiles (e.g. use bench terraces). At cleared sites, install erosion control measures prior to the wet season. Maintain vegetation in areas sensitive to erosion. Periodically survey areas that are sensitive to erosion to determine any requirement for stabilization.</p> <p>Operation period:</p> <p>Runoff velocities will be reduced to have stable flow downstream by minimizing the length of flow paths, constructing any channels with gentle gradients and providing rough lining for steeper channels.</p>			
Other pollutants	<p>To reduce potential noise impact on the communities and the construction workers, the following specific mitigation measures are proposed:</p>	<p>Related to MDG Goal 7: Ensure environmental sustainability</p>	<p>Parameter:</p> <p>Construction period: solid/liquid wastes management record</p>	<p>0</p>

	<p>It is important that the construction equipment, machinery and technology used meet acceptable standards in terms of noise emission level. Proper machinery and equipment maintenance is also critical to reduce noise level.</p> <p>Project activities shall be carried out within the hours of 06:00-18:00, Monday to Saturday.</p> <p>Transportation in service of the construction should be limited to the daytime, avoid extensive honking.</p> <p>It is important to consider the restriction on high music sound level from the labour camp at night since the camp is located relatively close to the residential areas.</p>		<p>Operation period: noise survey, regular maintenance of machinery and noise prevention provisions such as ear plugs</p> <p>As the main construction sites are not adjacent to the local communities, the impact of noise is limited. And the project site is far away from the village and mitigation measures implemented during construction work.</p> <p>This indicator scores "0".</p>	
Biodiversity	<p>Conservation of locally adapted species and ecosystems are done via ensuring water flow and recovery of vegetation after construction.</p> <p>Management and mitigation of potential impacts on forest resources and biodiversity will be handled as follows:</p> <p>Having rules and regulations</p>	Related to MDG Goal 7: Ensure environmental sustainability	<p>Parameter:</p> <p>Biodiversity protection procedure in place</p> <p>There is no endangered species in the project on-site.</p> <p>Fish fry will be bred into the river if necessary. The underground water is not</p>	0

	<p>prohibiting the project workers' engagement in the collection and harvest of local NTFPs including refraining from wildlife hunting, consumption, possession and trade. Sufficient food requirement of the workforce should be provided by the project. The prohibitions are applicable also to camp followers should they be present;</p> <p>No wood cutting will be permitted in village forest areas for fuelwood or construction materials. All wood required for the dam construction and used by the workforce will be supplied from legitimate sources outside the project area;</p> <p>The Developer shall plan and conduct project related activities within the identified perimeter of the allocated land.</p>		<p>affected.</p> <p>Thus, given the appropriate mitigation measures, this indicator scores "0".</p>	
Quality of employment	-	<p>MDG Target 1.A: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day.</p> <p>MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young people.</p>	<p>Parameter: records of trainings and labor conditions</p> <p>Compared to the baseline scenario, training provided by the project owner will improve the employees' qualifications which might help them to find job more easily in future. Staff will be trained for the positions</p>	+

			<p>created during construction & operation phases. All Health and Safety measurements will be applied according to local regulations. The project will provide long-term jobs.</p> <p>Thus, this sustainable indicator scores a “+”.</p>	
Livelihood of the poor	-	<p>MDG Target</p> <p>1.A: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day.</p> <p>MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young people.</p>	<p>Parameter: salary record of Job opportunities provided by the project to local residents</p> <p>Job opportunities will be provided to the local residents, which will bring local people especially the poor the employment chances.</p> <p>Thus, this sustainable indicator scores a “+”.</p>	+
Access to affordable and clean energy services	-	<p>Target 8.B and</p> <p>8.c Address the special needs of the least developed countries, landlocked developing countries and small island developing States.</p>	<p>Parameter:</p> <p>the net electricity generated to the local grid. Power generation record and evidence such as invoices /receipts will be used for determine the power generation.</p> <p>Before the construction of the project, the local residents adopt firewood as the main</p>	+

			<p>energy source. The construction of the project will change the energy use and promote local electrification. The construction of the project will improve local electricity transmission system, promote the electrification progress. The project increases the renewable energy.</p> <p>Thus, this sustainable indicator scores a “+”.</p>	
Human and institutional capacity	-	-	<p>The project does not have gender barrier for employment.</p> <p>There is no significant impact on this indicator resulting from the project development.</p> <p>Thus this indicator scores “0”.</p>	0
Quantitative employment and income generation	-	<p>MDG Target</p> <p>2.A: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day.</p> <p>MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young people.</p>	<p>Parameter:</p> <p>Number of jobs created and recorded by the project developer</p> <p>During the construction period, plenty of job opportunities were provided to local residents, and the newcomers surged in the area will bring local people especially the poor and disadvantaged groups lots</p>	+

			<p>of employment chances.</p> <p>As a result, the employment rate and income level have increased. And the average salary for the project employee is higher than the local level.</p> <p>So this indicator scores “+”.</p>	
Balance of payments and investment	The construction of the project will lead domestic investment to the project site area, where the most under developed area in a least developed country.	Target 8.B and 8.c Address the special needs of the least developed countries, landlocked developing countries and small island developing States.	<p>The chance of the project bringing more investment is unclear.</p> <p>Thus this indicator scores “0”.</p>	0
Technology transfer and technological self-reliance	-	<p>Target 8.F</p> <p>In cooperation with the private sector, make available the benefits of new technologies, especially information and communications.</p>	<p>The turbine and generator of the project will adopt the mature technology from a foreign manufacturer. No new technology is import from outside.</p> <p>Thus, this sustainable indicator scores a “0”.</p>	0

References can be an academic or non-academic source, such as a university research document, a feasibility study report, EIA, relevant website, etc.

SECTION E. SUSTAINABILITY MONITORING PLAN

E. 1. Discussion on Sustainability monitoring Plan

Discuss stakeholders' ideas on monitoring sustainable development indicators. Do people have ideas on how this could be done in a cost effective way? Are there ways in which stakeholders can participate in monitoring?

Through discussion between the project proponents and the stakeholders, the following parameters were suggested as part of the sustainability monitoring plan:

- Air quality
- Water quality and quantity
- Soil condition
- Other pollution
- Quality of employment
- Livelihood of the poor
- Access to affordable and clean energy services
- Quantitative employment and income generation

Methods of parameters determination are listed below:

- Air quality-using parameters: maintain log of water sprinkling with time, date and signature of project manager responsible (construction period).
- Water quality and quantity: Perform routine water quality monitoring as per regulatory requirements in construction and operation period.
- Soil condition: Perform periodical soil erosion survey and implement mitigation measures if necessary.
- Other pollution: Construction period: solid/liquid wastes management record; Operation period: noise survey, regular maintenance of machinery and noise prevention provisions such as ear plugs.
- Biodiversity: Biodiversity protection procedure in place
- Quality of employment: records of trainings and labor conditions.
- Livelihood of the poor: the job opportunities will be provided.

- Access to affordable and clean energy services: the net electricity generated to the local grid. Power generation record and evidence such as invoices /receipts will be used for determine the power generation.
- Quantitative employment and income generation: Number of jobs created and recorded by the project developer

All the stakeholders stated that they would be glad to incorporate the survey or research required for monitoring during the monitoring period.

E. 2. Discussion on continuous input / grievance mechanism

Discuss the Continuous input / grievance mechanism expression method and details, as discussed with local stakeholders.

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification
Continuous Input / Grievance Expression Process Book	On the project site and each village head of villages around the project area	Project manager Village heads
Telephone access	00856-21-450062 +41(0)227887080	Project manager GS expert
Internet/email access	<a href="mailto:Simon<644520857@qq.com>">Simon<644520857@qq.com> info@goldstandard.org annyta.luo@goldstandard.org	Project manager GS expert

All issues identified during the crediting period through any of the Methods shall have a mitigation measure in place. The identified issue should be discussed in the revised Passport and the corresponding mitigation measure should be added to sustainability monitoring plan

SECTION F. DESCRIPTION OF THE DESIGN OF THE STAKEHOLDER FEEDBACK ROUND

During the consultation meeting, the stakeholders were informed that they are invited for the feedback round. The relevant content will be added after the Stakeholder

Feedback Round is completed. And the outcome of the Stakeholder Feedback Round will be summarized in the final version of the GS-passport.

ANNEX 1. ORIGINAL PARTICIPANTS LIST

ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ

ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກພາບ ວັດທະນາຖາວອນ

****0000****

ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມກອງປະຊຸມ

-ເລື່ອງ: ກອງປະຊຸມກຸ່ມວຽກງານ ເພື່ອສະໜອງການປະເມີນຄ່າໃນການເຮັດໜີ້ສະເລັດໜີ້ສະເລັດ
ຜູ້ອຳນວຍການ ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່

-ປະທານກອງປະຊຸມ: ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່

-ສະຖານທີ່: ສະຖານທີ່ ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່

-ເວລາ: 9:00 ເຖິງ 12:00 ວັນທີ 12 / 7 / 2017 ຈຳນວນ 43 ທ່ານ

ຍິງ 6 ທ່ານ.

ລ/ດ	ຊື່ແລະນາສະກຸນ	ພາກສ່ວນ	ໜ້າທີ່ຮັບຜິດຊອບ	ເບີໂທລະສັບ	ລາຍເຊັນ
01	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	22443072	ທ່ານ ທີ່ມີຊື່
2	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	22156003	ທ່ານ ທີ່ມີຊື່
3	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	91050107	ທ່ານ ທີ່ມີຊື່
4	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	59700705	ທ່ານ ທີ່ມີຊື່
5	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	55611844	ທ່ານ ທີ່ມີຊື່
6	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	22158623	ທ່ານ ທີ່ມີຊື່
7	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	56547250	ທ່ານ ທີ່ມີຊື່
8	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	56740988	ທ່ານ ທີ່ມີຊື່
9	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	55850944	ທ່ານ ທີ່ມີຊື່
10	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	56472905	ທ່ານ ທີ່ມີຊື່
11	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	55056105	ທ່ານ ທີ່ມີຊື່
12	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	54778248	ທ່ານ ທີ່ມີຊື່
13	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	2216-0625	ທ່ານ ທີ່ມີຊື່
14	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	98109126	ທ່ານ ທີ່ມີຊື່
15	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	55629734	ທ່ານ ທີ່ມີຊື່
16	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	56547657	ທ່ານ ທີ່ມີຊື່
17	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	96915520	ທ່ານ ທີ່ມີຊື່
18	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	07053864	ທ່ານ ທີ່ມີຊື່
19	ທ່ານ ທີ່ມີຊື່ ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	ທ່ານ ທີ່ມີຊື່	56617684	ທ່ານ ທີ່ມີຊື່



ຊື່ ແລະ ນາມສະກຸນ	ພາກສ່ວນ	ໜ້າທີ່ຮັບຜິດຊອບ	ເບີໂທລະລະສັບ	ລາຍເຊັນ
21. ທ. ທາງຄົກ ໂຮມທິວທາ	ຂ. ສມຸດຍົດ.	ປ. ນາລະຍາ	96766332	
22. ທ. ພະນັກ ພິມະວົງ	- ນ.	ຮອງ ລາວ	55387119	
23. ທ. ສາວ ໄຊຍະວົງ	- ນ.	ປະກາດ	99508514	
24. ທ. ສະໜາ ສະໜາ	ສະໜາ	ປະກາດ ສະໜາ	99508514	
25. ທ. ພະນັກ	- ນ.	ຮອງ ລາວ	91426006	
26. ທ. ສົງ ພະນັກ	ສະໜາ	ຮອງ ລາວ ສະໜາ	99836320	
27. ທ. ສົງ ໄຊຍະວົງ	ປ. ສມຸດຍົດ	ເລ ຂາ	98531435	
28. ທ. ສົງ ສະໜາ ໄຊຍະວົງ	ສະໜາ	ສະໜາ	030487248	
29. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	ຮອງ ລາວ	030487248	
30. ທ. ສົງ ສະໜາ	ສະໜາ	ຮອງ ລາວ	5986787	
31. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	ສະໜາ	5986787	
32. ທ. ສົງ ສະໜາ	- ນ.	ສະໜາ	5561214	
33. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	ຮອງ ລາວ	1733591	
34. ທ. ສມຸດຍົດ	ສະໜາ	ສະໜາ	4733591	
35. ທ. ສົງ ສະໜາ	ສະໜາ	ສະໜາ	58569990	
36. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	ສະໜາ	9705007	
37. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	ສະໜາ	020-99980661	
38. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	Rasita	02099980661	
39. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	Rasita	55387119	
40. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	Rasita	55387119	
41. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	Rasita	02099980661	
42. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	Rasita	95116982	
43. ທ. ສມຸດຍົດ ໄຊຍະວົງ	ສະໜາ	Rasita	98677711	
44.				
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ANNEX 2. ORIGINAL EVALUATION FORMS

Evaluation leaflets


How do you think about meeting?		Very Good		
What do you like about this project?		Will help local live improve. It's the best thing that happen to us since a long time. It's going on the way with 3 construction theories Build the big village to become a District		
What do you don't like about this project?				
Sign		Mr Sisouvanh XAYPHANITH		

បែបដើម

[illegible]

Evaluation leaflets

How do you think about meeting?		Agree with the assembly		
What do you like about this project?		Like this project because it will improve living condition		
What do you don't like about this project?				
Sign		Ms Soulin CHANTHAKIM Khamkeo Village Hiboun District Tel : 030 5265 122		

ໃບປະເມີນຜົນ				
ທ່ານມີແນວຄິດ ແນວໃດຕໍ່ກັບກອງ ປະຊຸມຄັ້ງນີ້?		-ເຫັນດີກັບ ກອງປະຊຸມໃນ ຖິ່ນ.		
ກ່ຽວກັບໂຄງການ ນີ້ທ່ານຍັງມີຄຳສອນຍັງ?		-ໂຄງການນີ້ ແມ່ນມີກຳລັງ ກຳລັງມາລຸ່ມ ພັດທະນາຊຸມ ການເປັນປະຊາກິນ.		
ກ່ຽວກັບໂຄງການ ນີ້ທ່ານຍັງມີຄຳສອນຍັງ?		—		
ເຊັນຊີ	 ມ. ສິລິນ ຈັນທະວົງ ຫົວໜ້າໜ່ວຍ, ບ້ານຄຳແກ້ວ, ເມືອງຫ້າມ່ວງ. 0305265/22			

Evaluation leaflets

How do you think about meeting?		Agree with the meeting		
What do you like about this project?		If we get fund from the project we would like to use it to improve our school and drill some will for the school which is still lack now		
What do you don't like about this project?				
Sign		Mr Khongsavanh XAIYASAN		



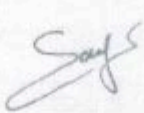
ໂບປະເມີນຕົ້ນ

ທ່ານມີແນວຄິດແນວໃດ ຕໍ່ກັບກອງປະຊຸມຄັ້ງນີ້?	ໂອກາດໄດ້ຮຽນຮູ້ຈາກ ທ່ານທີ່ມີປະສົບການ ດີ.		
ກ່ຽວກັບໂຄງການນີ້ທ່ານ ມັກຫຍັງ?	ທ່ານໄດ້ສົນທິສັນຍາ ກ່ຽວກັບການສ້າງ ໂຮງຮຽນ. ທ່ານໄດ້ ສ້າງໂຮງຮຽນນີ້ມາ ແລ້ວ. ທ່ານໄດ້ສ້າງ ໂຮງຮຽນນີ້ມາແລ້ວ. ທ່ານໄດ້ສ້າງໂຮງຮຽນ ນີ້ມາແລ້ວ.	ທ່ານໄດ້ສ້າງ ໂຮງຮຽນນີ້ມາແລ້ວ. ທ່ານໄດ້ສ້າງໂຮງຮຽນ ນີ້ມາແລ້ວ.	ທ່ານໄດ້ສ້າງ ໂຮງຮຽນນີ້ມາແລ້ວ. ທ່ານໄດ້ສ້າງໂຮງຮຽນ ນີ້ມາແລ້ວ.
ກ່ຽວກັບໂຄງການນີ້ທ່ານ ບໍ່ມັກຫຍັງ?	ທ່ານໄດ້ສ້າງ ໂຮງຮຽນນີ້ມາແລ້ວ.		
ເຊັ່ນຊື່	ທ່ານໄດ້ສ້າງ ໂຮງຮຽນນີ້ມາແລ້ວ. ທ່ານໄດ້ສ້າງໂຮງຮຽນ ນີ້ມາແລ້ວ.		

Evaluation leaflets

How do you think about meeting?		Create more understanding of the project to the people and can evaluate the impact of the project		
What do you like about this project?		Love the development plan of the project in the financial and social		
What do you don't like about this project?				
Sign		Mr Savath PHAYMASAN		

ໄປປະເມີນຕົນ

ທ່ານມີແນວຄິດແນວໃດ ຕໍ່ກັບກອງປະຊຸມຄັ້ງນີ້?		- ອີກຄວາມໃໝ່ ຕໍ່ ປະຊາຊົນ ແລະ ສາມາດ ປະເມີນ ໄດ້ ຄວາມກະທົບ ຂອງ ກອງປະຊຸມ.		
ກ່ຽວກັບ ໂຄງການນີ້ທ່ານ ມັກຫຍັງ?		- ມັກໃນການ ພັດທະນາ ອຸສະ ຖານ ແລະ ຂະບວນ ການ ທາງ ສັງຄົມ ກະສິ-ສັງຄົມ.		
ກ່ຽວກັບ ໂຄງການນີ້ທ່ານ ບໍ່ມັກຫຍັງ?		-		
ເຊັນຊີ		 ສ. ພົມມະ ...		