Validation Opinion
on the Post Registration Changes

SPP Four Co., Ltd.

SPP4 Solar Power Project

(Ref.8648)

Project No. JQA-C0274

10 July 2015

Japan Quality Assurance Organization

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Monitoring period : 01/01/2013 – 31/12/2014	Applied Methodology : AMS-I.D. (Ver. 17.0)		Registration Date : 10/12/2012
Project Title : SPP4 Solar Power Project			
Client (Project Participant): - SPP Four Co., Ltd		Other Project Participants : - Asian Development Bank, as trustee of the Future Carbon Fund - Swedish Energy Agency	
Project Design Document: - Registered version and the issue date: Ver.1.3, 02/11/2012 - Revised version and the issue date: Ver.2.1, 13/04/2015			
Standards: - Validation and Verification Standard: Ver.07.0 - Project Standard: Ver.07.0 - Project Cycle Procedure: Ver.07.0			

Summary:

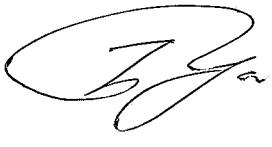
Japan Quality Assurance Organization (JQA) has performed the 1st periodic verification of the emission reductions achieved by the registered CDM project activity, "SPP4 Solar Power Project", under the contract with Client., Ltd. The verification covers the monitoring period from 01/01/2013 to 31/12/2014.

Through the verification, the PPs claimed some post-registration changes in the registered PDD, and the assessment team identified them through the observation of the project implementation. Those post-registration changes were assessed in accordance with the Validation and Verification Standard (VVS), and as a result, those changes are verified to be categorized into three correction type of changes. It is also determined that those changes do not require prior approval by the Executive Board in accordance with the Project Standard (PS).

Therefore, the assessment team concludes its validation opinion on the post registration changes in this report, and also confirms that the revised PDD is corrected appropriately, with reflecting the actual project implementation properly. As a result, JQA submits the request for approval to the Executive Board, via the process of the Project Cycle Procedure (PCP).

Verification Team:	Technical Reviewer:
Leader : Koichiro Tanabe (Leader Assessor) Member : Chakra Chaemfa (Member Assessor) Member : Hiroshi Motokawa (Member Assessor)	Tadashi Yoshida

Approved by Senior Executive:



Tadayuki Yano

1. Introduction

The CDM project has been registered by applying the methodology AMS-I.D. (Ver.17). And accordingly, JQA performed verification of the CDM project for the monitoring period covering 01/01/2013 through 31/12/2014, in accordance with the VVS, under the contract with the Client.

The on-site assessment of the verification was conducted on 25/03/2015, and the assessment team observed some inconsistencies between the registered PDD and the implementation of the project activity. As a result, the findings were categorized into three correction type of changes. JQA assessed these post-registration changes and the validation opinions were summarized as follows:

2. Overview of post registration changes

The overview of post registration changes listed in this report is as follows:

No.	Identified changes	Type of changes	Prior approval by the board is required?
PRC1	Number and accuracy level of the electricity meters	Corrections	No
PRC2	Description of the parameters $EG_{facility,y}$, $EG_{export,y}$ and $EC_{import,y}$	Corrections	No
PRC3	Details of project participants	Corrections	No

3. Assessment results and validation opinion

3.1. Number and accuracy level of the electricity meters (PRC1)

The number and the accuracy level of the electricity meters, which have been installed in the project site, were verified through physical inspection and review of the relevant documents, as below:

ID of meters	Details of the electricity meters	The accuracy levels of the electricity meters
M01	PEA's meter for monitoring electricity exported to the grid that is located in the grid-in point of the project site (on an electricity transmission pole).	0.5S (owned and calibrated by PEA)
M02	PEA's meter for monitoring electricity imported from the grid that is located in the grid-in point of the project site (on the same electricity transmission pole mentioned above).	0.5S (owned and calibrated by PEA)
M03	PO's internal meter for monitoring electricity exported to/imported from the grid that is located in the substation next to the control room of the project site.	0.2S (owned and calibrated by PO)

It is confirmed through document review that the electricity meters of M01 and M02, which have both an accuracy level of 0.5S, are owned by Provincial Electricity Authority (PEA).

It is also confirmed through interview with CDM manager that the electricity meters for transaction between the Project Owner (PO) and PEA are under the control of PEA, who is the national organization in charge for VSPP (Very Small Power Plant) in Thailand, and has responsibility for installation, operation and maintenance of installed electricity meters as per their internal standards. In other words, the design of monitoring activities, including specification of measuring equipment, has been essentially determined by PEA at a planning stage, and those installed meters have certainly met the PEA's guidelines. Therefore, it is concluded that the findings are not permanent changes from the registered monitoring plan or changes to the project design of the registered project activity but corrections in the revised PDD. And, they do not affect the design of the project activity.

3.2. Description of the parameters $EG_{facility,y}$, $EG_{export,y}$ and $EC_{import,y}$

It is confirmed that the name of the parameters ($EG_{facility,y}$, $EG_{export,y}$ and $EC_{import,y}$) have been corrected/described consistently throughout the revised PDD (and the MR) as below, and the correction does not affect the design of the project activity.

	In the registered PDD	**In the revised PDD**
$EG_{facility,y}$	• Quantity of net electricity supplied to the grid in year y	• Quantity of net electricity supplied by the project activity to the grid in year y
$EG_{export,y}$	• Quantity of net electricity exported to the grid in year y; and • Electricity exported to the grid in year y	• Quantity of electricity exported to the grid in year y
$EC_{import,y}$	• Quantity of electricity imported from the grid by the project activity in year y; and • Quantity of electricity imported from the grid (when the plant is not operated) in year y	• Quantity of electricity imported from the grid in year y

3.3. Details of project participants

It is confirmed that the details of project participants have been updated in the revised PDD through review of the approved Modalities of Communication Statement and its Annex 2, valid as of 20/02/2015 and 19/02/2015 on the project view page of UNFCCC website respectively. The correction does not affect the design of the project activity.

4. Conclusion

It is confirmed that the corrected information in the revised PDD accurately reflects the actual project information, and these findings are eventually closed with satisfactory results.

All of the above-mentioned post registration changes do not require prior approval by the Executive Board, in accordance with the PS and VVS. Therefore, the assessment team prepares this validation opinion report, and submits a request for approval of changes together with the request for issuance. The revised PDD is referred to as the relevant attachments of this request for approval.