Desk Review Report for Validation

SHIMIZU CORPORATION

“Nubarashen Landfill Gas Capture and Power Generation Project in Yerevan”

Project No. JQA-CDM-L-P0015

(Revision No.00)

17 December 2004

Japan Quality Assurance Organization

JQA
Desk Review Report

Title of the Project: Nubarashen Landfill Gas Capture and Power Generation Project in Yerevan

Project Participants:
- Shimizu Corporation
- Hokkaido Electric Power Company, Incorporated
- Mitsui & Co., Ltd.
- Municipality of Yerevan City

Official Contact: Mr. Hiroyuki Kurita, General Manager, Shimizu Corporation

JQA-CDM Assessment Team:
- Leader: Itaru Watanabe, JQA certified CDM Lead assessor
- Shigenari Yamamoto, JQA certified CDM assessor

Summary

This is the Desk Review Report for the project activity, which is proposed by Shimizu Corporation in along with the CDM scheme defined by the Kyoto Protocol.

The Desk Review was implemented by the Japan Quality Assurance Organization (JQA) as the selected Applicant Entity by the project participants as a part of the validation process for the project activity.

It is intended to capture the methane gas emitted from the Nubarashen Landfill site in Yerevan city, Armenia and uses the gas for electricity generation by the gas engine generator.

The Project Design Document ("Nubarashen Landfill Gas Capture and Power Generation Project in Yerevan", 14 December 2004, Version 001) was used as the completed document for the registration.

The purposes of the Desk Review are as follows:
- Review the PDD in order to judge the conformity of the project activity against the requirements
- Collect the information regarding the project activity from an independent source for verification, if necessary
- Confirm the completeness of the PDD in accordance with the “Guidelines for completing the PDD (CDM-PDD), Version 01, 1 July 2004)"
Identify the issues at the site visit.

In order to achieve these purposes, "CDM validation Checklist" for the team based on the JQA template prepared this project activity.

The checklist consists of two tables. The table 1 includes mandatory issues, but does not use at this desk review except “5. PDD Format”, because most of issues should be checked after finishing the site visit.

The table 2 covers all of the requirements needed to check at the validation stage. Every item is checked and drawn a draft conclusion by “OK”, “CAR” or “CL”, which are defined below.

- **CAR (Corrective Action Request)**
  a) non-compliance with laws and regulations of the host country
  b) non-conformance with requirements defined by the CDM-EB
  c) items which would affect CER calculation significantly

- **CL (Clarification)**
  a) insufficient description from the view of accuracy, reliability, completeness and/or consistency
  b) vague expressions

CAR means any corrective actions and/or justification shall be needed. CL means any responses should be recommended. However, CL includes the item to be rechecked after the site visit, because it has some difficulties to decide whether the project activity is conformance with the requirements in the checklist or not before further investigations including Site Visit.

There are several CARs found in the PDD.

1. Checklist Table 1  5.1 PDD Format
   - The PDD requires “Description of formula used to calculate project emissions” in the section D.2.2.2 and “Description of formula used to calculate emission reductions” in the section D.2.4. However, there is no description in the section D.2.4.

2. Checklist Table 2  D.5.1
   - The monitoring plan does not provide for the collection and archiving of information relevant to the provision in paragraph 37(c) of CDM modalities and procedures.
Annex:
- CDM Validation Checklist

Prepared by Team Leader (Name)

Itaru Watanabe(渡邉 格)

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