

# APPENDIX 19

## CONTRACTOR ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

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**Abbreviations**

|       |                                 |
|-------|---------------------------------|
| AKFEN | AKFEN Renewable Energy          |
| EIA   | Environmental Impact Assessment |
| PIF   | Project Introduction File       |

## **1. AIM**

Contractor will prepare Environmental and Social Management Plan that includes measures and methods to be applied to eliminate or if elimination is not possible, to mitigate, the construction impacts on nature and social environment.

## **2. SCOPE**

This plan scopes all contractors of AKFEN.

## **3. LEGISLATION**

- Environmental Law numbered 2872

## **4. RESPONSIBILITIES**

All workers of AKFEN contractors are responsible for application of this plan.

## **5. APPLICATON**

Following will be taken into consideration in preparation of this plan;

- Requirements of national legislation,
- EIA/PIF commitments of project,
- Project specifications,
- Best application examples in industry.

The environmental and social management plan prepared by subcontractor will include, but will not be limited to following:

- Environmental legislation for activities (See App 18)
- National environmental legislation for activities
- If any, international standards stated in specifications
- Organization chart (with names) showing employees responsible for the application of Contractors Environmental and Social Management Plan and job definitions
- Organization chart (with names) prepared for detailed environmental and social works in plant organization chart
- Job definitions for key positions stated in organization chart
- CV's of employees appointed for these jobs
- Environmental, social trainings to be provided for all employees to be appointed in Construction/Supply (including purchase) and training plan (See App 14)
- Environmental and social orientation trainings
- Basic environmental consciousness trainings to be provided to plant management personnel
- Environmental consciousness trainings to be provided to workers
- Social relations training to be provided to plant management personnel
- Social relations training to be provided to workers
- Trainings to be provided to short-termed subcontractors
- Trainings to be provided to long-termed subcontractors

- Trainings to be provided to purchasing personnel
- Emergency response trainings
- Environmental and social risk analysis for activities and risk mitigation action plans
- Environmental risk analysis for construction activities
- Risk analysis for storage activities
- Risk analysis for transportation activities
- Social impact analysis
- Industrial Waste Management Plan
- Waste types and waste separation methods
- Waste minimizing
- Hazardous wastes
- Material Safety Data Sheets
- Waste storage (See App 28)
- Waste disposal (contracts, national waste transportation records) (See App 28)
- Waste Control Plan (See App 30)
- Pollution prevention measures in work site
- Pollution prevention measures in storage area
- Traffic Management Plan
- Taking the local programs such as market transportation, children going to school, etc. into consideration
- Determining transportation routes
- Dust, vibration and noise preventive measures in transportation roads
- Determination of speed limit
- Emergency Response Plan
- Spill/leak action plan
- Response teams
- Response equipment
- Social Works plan
- Relations with local community
- Information about the impacts of project
- Information about blasting
- Environmental and Social Monitoring Plan
- Monitoring and measurement plan to be executed in scope of legislation
- Social monitoring plan (meeting with village headman, etc. )
- Grievance Mechanism
- People to receive grievances and contact information
- Recording the grievances of local people
- Responsibilities of finding solutions to grievances
- Environmental and Social Audit Plan
- Internal audit plans and methods of contractor
- Site Management Plan (erosion control, soil management, etc.)
- Soil management
- Erosion control
- Employment and Supply Plan
- Local employment
- Local purchasing

- Rehabilitation and Restoration Plan
- Rehabilitation
- Landscape plan
- Plans of reporting to AKFEN
- Daily, weekly, monthly and annual reports (See App 3)
- Biological Diversity Management Plan
- If any, measurement plans stated in scope of EIA/PIF report
- Cultural Heritage Management Plan
- Actions to be taken for protection/notification for the chance find cultural heritages during activities.

The document to be prepared by contractor will scope detailed measures to be used to minimize, or to eliminate the damage given to nature and social environment during the construction activities. Thus, instead of providing general information, it will include special information for project applications.

Plan will be approved by AKFEN and during plant audits the compliance with the plan will be inspected.