



ISSUE	ACTION	REASON	RESPONSIBLE	SCHEDULE
ENVIRONMENTAL AND SOCIAL MANAGEMENT	Preparation of all formats, plans and documents in scope of Environmental and Social Management Plan.	<ul style="list-style-type: none"> • Providing guidance in environmental and social actions and complying with PR1 and PS1 at phase 	AKFEN CONTRACTOR	INCLUDED IN TECHNICAL SPECIFICATION AND CONTRACT
WORKFORCE AND WORK CONDITIONS	<p>AKFEN will give support for continuity and efficiency of Environmental and Social Performance and provide required human resources and financial resources, Human Resources will determine the Policies and Procedures and apply;</p> <ul style="list-style-type: none"> • Fair treatment to employees, non-discrimination and encouraging to provide equal opportunity. • Maintaining and amelioration of employee-manager relation. • Providing compliance to national employment and employment laws. • Protecting all employees, including sensitive groups such as child workers, immigrant workers and personnel of third parties and supply chains. • Providing safe and healthy work conditions and worker health. • Preventing forced labor. • During recruitment, professional competence certificate, education, etc. competence for job will be required. 	<ul style="list-style-type: none"> • In terms of human resources, works will be conducted in accordance with PS 2 	AKFEN	CONSTRUCTION, OPERATION AND CLOSURE
WORKFORCE AND WORK CONDITIONS	<ul style="list-style-type: none"> • Protecting occupational health, regulating work conditions, • Not making discrimination and to create equal opportunity for everyone, • Complying with labor law and relevant legislations, • Forming grievance mechanism, • Providing necessary PPE's to employees, • Giving trainings about fire fighting, working at height, first aid, etc. 	<ul style="list-style-type: none"> • Providing safe work applications and preserving employee rights, • Providing compliance with PR2 and PS2 	AKFEN CONTRACTOR	CONSTRUCTION AND PRE-OPERATION
WORKFORCE AND WORK CONDITIONS	<ul style="list-style-type: none"> • Protecting occupational health, regulating work conditions, • Not making discrimination and to create equal opportunity for everyone, • Complying with labor law and relevant legislations, • Applying grievance mechanism, • Making sure that the maintenance team is formed of workers trained in electric safety, fire fighting, working at height and first aid. 	<ul style="list-style-type: none"> • Providing safe work applications and preserving employee rights and benefits, • Providing compliance with PR2 and PS2 	AKFEN CONTRACTOR	CONSTRUCTION, OPERATION AND CLOSURE

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RESOURCE EFFICIENCY, POLLUTION PREVENTION AND CONTROL	<u>Air Quality</u> <ul style="list-style-type: none"> Applying the precautions given in environmental and social management plan. Mitigating impacts of dust (irrigation in dry season, etc.). Minimizing the emissions caused by vehicles and construction equipment (covering the trucks, speed limit application, making vehicle maintenances, etc.) Minimize the impact of construction activities to air quality. 	<ul style="list-style-type: none"> Protecting air quality, Working in accordance with the limits stated in national and international standards, Providing compliance with PR3 and PS3. 	AKFEN CONTRACTOR	CONSTRUCTION, OPERATION AND CLOSURE
RESOURCE EFFICIENCY, POLLUTION PREVENTION AND CONTROL	<u>Soil and Underground Water</u> <ul style="list-style-type: none"> Applying the plans given in environmental and social management plan. Protecting the soil and underground water from fuel, oil and chemical pollutants, Forming leakage-spill response team and give trainings, Keeping leakage-spill response equipment ready to use, Recording and monitoring natural source consumption. 	<ul style="list-style-type: none"> Protecting soil and underground water quality, Working in accordance with the limits stated in Environmental Legislation, Providing compliance with PR3 and PS3. 	AKFEN CONTRACTOR MAINTENANCE	CONSTRUCTION, OPERATION AND CLOSURE
RESOURCE EFFICIENCY, POLLUTION PREVENTION AND CONTROL	<u>Surface Water</u> <ul style="list-style-type: none"> Applying the plans given in environmental and social management plan. Preventing direct discharge of polluted water to receiving media. 	<ul style="list-style-type: none"> Protecting receiving media and ecology from pollution, Working in accordance with the limits stated in Environmental Legislation, Providing compliance with PR3 and PS3. 	AKFEN CONTRACTOR	CONSTRUCTION, OPERATION AND CLOSURE
RESOURCE EFFICIENCY, POLLUTION PREVENTION AND CONTROL	<u>Solid Waste</u> <ul style="list-style-type: none"> Applying the plans given in environmental and social management plan. Minimizing wastes. Reusing solid wastes and collecting and separating for recycling, Providing suitable containers for waste separation and giving training to personnel about this matter, Collecting domestic wastes and recyclable waste separately, storing and sending to licensed firm for disposal. 	<ul style="list-style-type: none"> Working in accordance with the limits stated in Environmental Legislation, Minimizing fire risk. Providing compliance with PR3 and PS3. 	AKFEN CONTRACTOR MAINTENANCE	CONSTRUCTION, OPERATION AND CLOSURE

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RESOURCE EFFICIENCY, POLLUTION PREVENTION AND CONTROL	<p>Noise</p> <ul style="list-style-type: none"> • Applying the plans given in environmental and social management plan. • Making periodic maintenances of vehicles take makes noise, • Providing noise preventing equipment, • Determining the noise impacting the nearest residential area and if necessary, taking precautions (silencers, noise preventing panels, etc.) 	<ul style="list-style-type: none"> • Providing safe and secure work environment. • Working in accordance with the limits stated in Environmental Legislation, • Providing compliance with PR3 and PS3. 	AKFEN CONTRACTOR MAINTENANCE	CONSTRUCTION, OPERATION AND CLOSURE
RESOURCE EFFICIENCY, POLLUTION PREVENTION AND CONTROL	<p>Wastewater</p> <ul style="list-style-type: none"> • Applying the plans given in environmental and social management plan. • Installing impermeable, confined, air-conditioned cesspools in construction sites to collect wastewater. • Discharging wastewater to receiving environment by meeting the discharge limits, or delivering to nearest wastewater treatment plant having environmental permit, 	<ul style="list-style-type: none"> • Working in accordance with requirements stated in Environmental Legislation, • Providing compliance with PR3 and PS3. 	AKFEN CONTRACTOR	CONSTRUCTION, OPERATION AND CLOSURE
RESOURCE EFFICIENCY, POLLUTION PREVENTION AND CONTROL	<ul style="list-style-type: none"> • During temporary and final acceptance, applying the plans given in environmental, social, occupational health and safety management plan. • Controlling compliance with legislation in force during temporary and final acceptance. 	<ul style="list-style-type: none"> • Working in accordance with requirements stated in Environmental Legislation, and providing compliance with PR3 and PS3. 	AKFEN CONTRACTOR	CONSTRUCTION, OPERATION AND CLOSURE
COMMUNITY HEALTH, SAFETY AND SECURITY	<ul style="list-style-type: none"> • Preventing or minimizing the impact on community by applying the plans given in environmental and social plan. • Preparing and applying emergency response plans. • Forming open communication channels for people in impact area. • Explaining the project to community and receiving their suggestions, 	<ul style="list-style-type: none"> • Ensuring minimum risk for local community • Providing compliance with PR4 and PS4. 	AKFEN CONTRACTOR	CONSTRUCTION AND OPERATION
COMMUNITY HEALTH, SAFETY AND SECURITY	<ul style="list-style-type: none"> • Preventing or minimizing the impact on community at closure, by applying the plans given in environmental and social plan • Obtaining consent form from landowners for transferring after usage. 	<ul style="list-style-type: none"> • Ensuring minimum risk for local community • Providing compliance with PR4 and PS4. 	AKFEN CONTRACTOR	WITHIN 3 MONTHS AFTER CLOSURE

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LAND ACQUISITION, INVOLUNTARY RESETTLEMENT AND ECONOMIC RELOCATION	<ul style="list-style-type: none"> Applying the plans given in environmental and social management plan. In case the livelihood of people is impacted/destroyed by resettlement and expropriation, a study will be made to restore livelihood and relief of this situation in legal framework. 	<ul style="list-style-type: none"> Providing compliance with PR5. 	AKFEN	PRE-CONSTRUCTION AND AFTER CONSTRUCTION
PRESERVING BIODIVERSITY AND SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES	<ul style="list-style-type: none"> Minimizing land usage during construction, Scraping the vegetable soil before construction and keeping in a separate area and preserving, Preventing entrance/exit of non-local species, Protecting nature on the project area, applying necessary precaution measures determined for specially protected species in determined periods, 	<ul style="list-style-type: none"> Preserving biological diversity in work area and in adjacent areas. Providing compliance with PR6 and PS6. 	AKFEN CONTRACTOR	PRE-CONSTRUCTION AND DURING CONSTRUCTION
SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES	<ul style="list-style-type: none"> Minimizing land usage, Preventing entrance/exit of non-local species, Taking precautions to prevent pollution, 	<ul style="list-style-type: none"> Preserving biological diversity in work area, in adjacent areas and in river banks. Providing compliance with PR3,6 and PS3,6. 	AKFEN CONTRACTOR	OPERATION AND CLOSURE
CULTURAL HERITAGE	<ul style="list-style-type: none"> Applying the plans given in environmental and social management plan. In case of chance find of any cultural and archaeological items, the work will be stopped, fenced around and relevant institutions will be informed. 	<ul style="list-style-type: none"> Preserving cultural and archaeological items. Providing compliance with PR8 and PS8. 	AKFEN CONTRACTOR	PRE-CONSTRUCTION AND AFTER CONSTRUCTION
SHARING INFORMATION AND STAKEHOLDER ENGAGEMENT	<ul style="list-style-type: none"> Preparing non-technical summary of the project features and stakeholder engagement plan and making it available for all stakeholders, Updating the stakeholder engagement plan when necessary, 	<ul style="list-style-type: none"> Pursuing concerns and observations of stakeholders and relevant parties, providing a transparent process, Providing compliance with PR10 and PS10. 	AKFEN	PRE-CONSTRUCTION
SHARING INFORMATION AND STAKEHOLDER ENGAGEMENT	<ul style="list-style-type: none"> Updating the stakeholder participation plan when necessary, 	<ul style="list-style-type: none"> Pursuing concerns and observations of stakeholders and relevant parties, providing a transparent process, Providing compliance with PR10 and PS10. 	AKFEN	CONSTRUCTION, OPERATION, TEMPORARY ACCEPTANCE AND FINAL ACCEPTANCE

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<p>INDIGENOUS PEOPLE</p>	<ul style="list-style-type: none"> • With social studies, determination of all indigenous people that can be impacted from project and determining the size and feature of direct or indirect economic, social, cultural (including cultural heritage) and environmental impacts . • Assessing the risks determined after sociologic studies and finding methods to minimize these risks, • Explaining the project to local community and obtaining their suggestions, • Forming open communication channels with people under the project impact area. • Taking necessary improving precautions in case the physical relocation of local people from areas that are used traditionally or conventionally, • Taking necessary improving precautions in case the economic relocation (but not settlement) of local people as result of land acquisition. • Showing full respect to rights, honour, aims, culture and economic means of living based on natural resources of indigenous people, • Providing the benefits and opportunities of sustainable development to indigenous people in a cultural counselling manner. 	<ul style="list-style-type: none"> • Showing respect to opinions, lifestyle of Indigenous People. • Providing compliance with PR 7 and PS7. 	<p>AKFEN CONTRACTOR</p>	<p>PRE- CONSTRUCTION, CONSTRUCTION, OPERATION AND CLOSURE</p>

