

102158 REV

**SIERRA LEONE WESTERN AREA POWER GENERATION PROJECT
(Guarantee, P153805)**

**ENVIRONMENTAL AND SOCIAL ACTION PLAN (ESAP)
UPDATE**

September 21, 2016

34971 - CEC Africa : ESAP - Appraisal Disclosure

Project Id :	34971	Project Name :	CEC Africa
Region :	Sub-Saharan Africa	Country :	Sierra Leone
Sector :	V-AC - Heavy Fuel Oil - Thermal Power Generation	Environmental Category Name:	B - Limited
Task Title and Description		Anticipated Completion Date	
<p>CECASL will develop and implement a Health, Safety, Environment and Social (HSES) Management System (MS), consistent with the HSES Policies of the two sponsors, and compliant with the requirement of the financiers, including IFC Performance Standards.</p> <p>The Environmental and Social Management Plan (ESMP) will be reviewed and updated with detailed mitigation developed as part of the detailed design phase, prior to commencement of construction.</p> <p>The project-specific detailed E&S management plans and programs will be incorporated into the HSES MS, including (i) Construction Management Plan; (ii) Health and Safety Plan including Fire Safety and Emergency Preparedness and Response Plan; (iii) Ambient Air Quality Monitoring Plan; (iv) Noise Management Plan; (v) Construction Vibration Management Plan, including structure survey and vibration monitoring during construction; (vi) Abbreviated Resettlement Action Plan; (vii) Traffic Management Plan; (viii) Monitoring and Reporting Plan; (ix) Waste Management Plan; and (x) Stakeholder Engagement Plan.</p>		02/28/2017	
CECASL will update the HSES MS, the ESMP and operation-specific detailed E&S management plans and programs with detailed mitigation developed as part of the detailed design phase, prior to commencement of operations.		04/30/2018	
CECASL will ensure that the EPC and O&M contractor develops its own implementation management plans. The EPC and O&M contractor will be responsible to ensure that sub-contractors will comply with the relevant HSES requirements, including those related to emergency response.		04/30/2018	
CECASL will employ a full time HSES manager and a social / community liaison officer.		10/31/2016	
<p>CECASL will develop a Fire Safety and Emergency Preparedness and Response Plan in close coordination with the community facilities (including the schools) and will be communicated to the affected community.</p> <p>Liaison with the developer and operator of Addax Petrojetty facility will be established to coordinate emergency and spill prevention and response. The emergency response system will include establishment of a communication network between the company, the EPC and O&M contractor and national public emergency services, and the nearby residents in formal and informal shanty dwellings, other sensitive educational receptors and the commercial properties in the vicinity of the site and access road. CECASL will assess the public services it can rely on and, based on the assessment, the plan will define the structure and equipment that will need to be available in-house.</p> <p>The system will be periodically tested through emergency drills.</p>		04/30/2018	
CECASL will carry out further survey work (supplemented by project consultation) post-Ebola, including air quality, noise, groundwater and socio-economic aspects (with special focus on the nearby formal and informal shanty dwellings).		07/31/2016	
CECASL will develop a Human Resources (HR) policy and a HR manual which outlines the employees' rights under national employment laws and ensuring compliance with PS2.		10/31/2016	

CECASL will ensure that a process hazard analysis (PHA) / hazard and operability study (HAZOP) will be prepared to cover the full project infrastructure. The information generated from the PHA/HAZOP will be used to prepare the operation phase Fire Safety and Emergency Preparedness and Response Plans (ESAP action #4).	04/30/2017
CECASL will develop a Noise Management Plan including provisions identified during detailed design for noise reductions at source and specific engagement with the affected people, including nearest residential receptors and schools, and will ensure that the EPC and O&M contractor complies with it.	02/28/2017
CECASL will undertake a borehole survey to identify the location of any nearby water wells and will provide assurance that the boreholes drilled to provide water to the plant will not affect existing community water sources. If water purchased from Guma Valley Water Company is considered as a supplemental source, the company will carry out an assessment of water availability to other water users on the network to ensure continued water usage.	07/31/2016
CECASL will finalize the design and operating manual of the HFO sludge incineration technology, including operating procedures and parameters, total quantity to be incinerated and hours of operations, combustion process monitoring, and quality and disposal of residuals.	02/28/2017
CECASL will ensure that a Traffic Management Plan is developed and implemented to control traffic and ensure community safety, including measures related to safety of delivery of raw materials, road grading and maintenance, roadside incident management and spill response, defensive driving, and drugs and alcohol testing for truck drivers, and community awareness.	02/28/2017
CECASL will prepare policy and procedures to ensure that security arrangements will follow the requirements of PS4 including provision of a grievance mechanism. The project will adhere to the Voluntary Principles on Security and Human Rights. The company will ensure that EPC and O&M contractor implement appropriate incident response procedures in accordance with the recommendation relevant to Interactions Between Companies and Public Security included in the Voluntary Principles on Security and Human Rights.	12/31/2016
CECASL will finalize and implement the Abbreviated Resettlement Action Plan (ARAP) in consultation with the artisanal farmers, prior to project construction, in accordance with PS5. As needed, the ARAP will be complemented to define specific measures to adequately manage the physical displacement and restore the livelihoods of seven families residing in informal structures located on the side of the project site's front entrance.	09/30/2016
CECASL will develop and implement a Stakeholder Engagement Plan (SEP) to continuously inform the public throughout the project's cycle. As part of the SEP, a grievance mechanism will also be established by CECASL. The company will also ensure that the EPC and O&M contractor has a grievance mechanism.	10/31/2016