

**REGIONAL EMERGENCY SOLAR POWER  
INTERVENTION PROJECT  
(RESPITE)**

**Project Implementation Manual (PIM)**

**FOR**

**REGIONAL INTEGRATION AND TECHNICAL  
ASSISTANCE FOR THE WAPP SECRETARIAT  
(WAPP- RITA)**

Prepared By:

West African Power Pool

Version 1- Final  
WB-NO 09 October 2023

Document Control

Document:	Project Implementation Manual			
Project:	Regional Emergency Solar Power Intervention Project (RESPITE)			
Project Number:	P179267 (IDA <b>E1500-3W</b> )			
Owner:	RESPITE Coordination Unit (RCU)			
Version	Date	Status (Draft)	Date Submission for World Bank No Objection	Date Receipt World Bank No Objection
1	October 5, 2022	Draft	May 18, 2023	na
	June 9, 2023	Revised Draft (integrating WB comments)	September 16, 2023	09 October 2023

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## Abbreviations

AT2ER	Togolese Agency for Rural Electrification and Renewable Energies
AWPB	Annual Work Plan and Budget
BESS	Battery Energy Storage System
DFIL	Disbursement and Financial Information Letter
DSA	Daily Subsistence Allowance
DSI	Design, Supply and Installation
ESCP	Environmental and Social Commitment Plan
ESF	Environmental and Social Framework
ESIA	Environmental and Social Impact Assessment
ESMP	Environment and Social Management Plan
ESS	Environmental and Social Standard
ESDA	Electricity Distribution and Supply Authority
GE	General Electric
GHG	Greenhouse Gas
GPN	General Procurement Notice
HEIS	Hands-on Extended Implementation Support
IBRD	International Bank for Reconstruction and Development
ICC	Information and Coordination Centre
ICR	Implementation Completion Report
IDA	International Development Association
IFR	Interim Financial Report
LEC	Liberia Electricity Company
MCHPP	Mount Coffee Hydro Power Plant
MTR	Mid Term Review
OE	Owner's Engineer
OEM	Original Equipment Manufacturer
O&M	Operation and Maintenance
PAD	Project Appraisal Document
PBA	Performance Based Allocation
PDO	Project Development Objective
PFMU	Public Financial Management Unit
PIE	Project Implementation Entity
PIM	Project Implementation Manual
PIPES	Planning, Investment, Programming and Environmental Safeguards
PIU	Project Implementation Unit
PMU	Phasor Measurement Units
PoE	Panel of Experts
PSS	Power System Stabilizer
PURS	Programme d'Urgence de Renforcement de la Résilience dans la Région des Savanes
PV	Photovoltaic
RCU	RESPITE Coordination Unit
RESPITE	Regional Emergency Solar Power Intervention Project
RITA	Regional Integration and Technical Assistance
RFP	Request for Proposals
RTC	Regional Technical Unit
SEP	Stakeholders Engagement Plan
SDR	Special Drawings Rights
SNE	Societe Nationale d'Electricite

<b>SOE</b>	Statement of Expenditure
<b>STEP</b>	Systematic Tracking of Exchanges in Procurement
<b>TA</b>	Technical Assistance
<b>TOR</b>	Terms of Reference
<b>TTL</b>	Task Team Leader
<b>SDH</b>	Synchronous Digital Hierarchy
<b>SIDC</b>	Secure Identification Credentials
<b>SPS</b>	Special Protection Scheme
<b>SVC</b>	Static Var Compensator
<b>TWG</b>	Technical Working Group
<b>WAMS</b>	Wide Area Measurement System
<b>WAPP</b>	West African Power Pool
<b>WBG</b>	World Bank Group

<b>Basic Information</b>	
Project Name	Regional Emergency Solar Power Intervention Project
Project ID	P179267
Approval Date	20 December 2022
Effectiveness Date WAPP Financing Agreement	3 March 2023.
Scheduled Closing Date	30 June 2027
Total Project Cost	US\$ 311.00 million equivalent
Financing	
IDA Grant	US\$ 155.00 million equivalent
IDA Credit	US\$ 156.00 million equivalent
Implementing Agencies	
Liberia: Liberia Electricity Company (LEC)	US\$ 96.00 million equivalent
Sierra Leone: Electricity Distribution and Supply Authority (ESDA)	US\$ 75.00 million equivalent
Chad: Société Nationale d'Électricité (SNE)	US\$ 60.00 million equivalent
Togo: Togolese Agency for Rural Electrification and Renewable Energies (AT2ER)	US\$ 60.00 million equivalent
Regional: West African Power Pool	US\$ 20.00 million equivalent

## 1. Introduction

1. **The West Africa sub-region has one of the lowest electrification rates coupled with some of the highest electricity costs in Sub-Saharan Africa.** Countries faced with poor infrastructure, high losses and inadequate generation capacity have tried to meet demand through oil-based Emergency Power Plants (EPPs), resulting in high costs of electricity supply. Rising oil prices have further increased the liabilities of electricity utilities, who are unable to pay for their power purchases and often turn to the government for additional support to keep the lights on. With very limited fiscal space to support the rising sector arrears, countries are staring at an acute power supply crisis that threatens to upend their economic growth.
2. **The Regional Emergency Solar Power Intervention (RESPITE) Project is part of the World Bank Group (WBG) response to the energy crisis faced by the region.** The increase in oil prices resulting from supply constraints, an increase in demand following easing of COVID-19 restrictions and the geopolitical developments in Ukraine, are leading to important fiscal impacts for the region given the continued dependence on fossil fuel-based power generation. Instead of offering support to fossil fuel purchases as was done in the past, RESPIRE supports countries to wean away from fossil fuels by taking a different approach: scaling-up renewable power generation. RESPIRE will support public procurement of emergency renewable power generation that can help set a benchmark for greater private sector deployment of renewables in the future.
3. **RESPITE supports the clean energy transition to reduce the fiscal impact of rising oil prices in the region.** RESPIRE will finance the procurement and installation of approximately 150MWp of solar PV and associated battery storage capacity, and 44 MW of hydro capacity across four countries in West Africa – i.e., Liberia, Sierra Leone, Chad and Togo. It is expected that the proposed project will (i) reduce impact of rising oil prices and provide fiscal space for countries to address the food crisis also resulting from geopolitical developments in Ukraine; (ii) increase the supply of affordable and clean energy on the grid to alleviate current power supply crisis; and (iii) help countries to move away from expensive and polluting fossil fuels, thereby reducing GHG emissions.
4. For further background information, regional context and the sector and institutional context of the participating countries, please refer to the RESPIRE Project Appraisal Document (PAD)<sup>1</sup>.

## 2. Project Development Objective and Results Framework

5. The RESPIRE Project Development Objective (PDO) is to rapidly increase grid-connected renewable energy capacity and facilitate regional interconnection in West and Central Africa.
6. Achievement of the PDO is assessed through 6 PDO Level Indicators and 15 Intermediate Indicators<sup>2</sup>. The PDO and indicators form the results framework (see Table 1).

Table 1: RESPIRE Results Framework

PDO: to rapidly increase grid-connected renewable energy capacity and strengthen regional integration in participating countries		
PDO Indicator	Baseline	End Target
<b>Rapidly increase grid-connected renewable energy capacity</b>		
1. Generation capacity of energy constructed or rehabilitated (CRI, Megawatt)	0.00	147.00

<sup>1</sup> World Bank Report No. PAD5145 of 7 December 2022

<sup>2</sup> Intermediate indicators are output-focused while PDO levels indicators are outcome-focused.

a. Hydropower generation capacity rehabilitated under the project (CRI, Megawatt)	0.00	41.00
Liberia	0.00	41.00
b. Renewable energy generation capacity (other than hydropower) constructed under the project (CRI, Megawatt)	0.00	106.00
Chad	0.00	30.00
Liberia	0.00	16.00
Sierra Leone	0.00	40.00
Togo	0.00	20.00
2. Net greenhouse gas (GHG) emissions (CRI, Metric tons/year)	0.00	265,300.00
Chad	0.00	42,125.00
Liberia	0.00	133,518.00
Sierra Leone	0.00	56,050.00
Togo	0.00	33,607.00
3. Installed capacity of battery storage (Megawatt hour (MWh))	0.00	90.70
Chad	0.00	60.00
Sierra Leone	0.00	28.00
Togo	0.00	2.70
4. Generation capacity for power trade (Megawatt)	0.00	92.00
Liberia & Sierra Leone	0.00	92.00
5. Supply of renewable energy (Gigawatt-hour (GWh)/year)	0.00	573.00
Chad		113.00
Liberia		193.00
Sierra Leone		149.00
Togo		118.00
<b>Strengthen regional interconnection</b>		
6. WAPP Priority projects brought to the point where investment-grade feasibility studies and associated documentation have been completed (Number)	7.40**	9.00
WAPP	7.40	9.00
7. Ratio of annual hours of Synchronization of WAPP areas 1, 2 and 3 against total hours in a year (percentage)	0.00	25.00
WAPP	0.00	25.00

\* 7.40 means 7 WAPP priority projects prepared and one 40% progress made in completion

Intermediate Indicator	Baseline	End Target
<b>Component 1: Construction of Solar PV with BESS and Grid Connection</b>		
1. O&M contracts under implementation (Yes/No)	No	Yes
Chad, Liberia, Sierra Leone and Togo	No	Yes
2. 11kV Transmission lines constructed under the project (Lungi transmission line) (Kilometers)	0.00	115.00
Sierra Leone	0.00	115.00
<b>Component 2: Expansion of Mt. Coffee Hydro Power Plant and Dam Safety Enhancement</b>		
3. Comprehensive dam safety program for Mt. Coffee prepared (Yes/No)	No	Yes
Liberia	No	Yes
<b>Component 3: Distribution Expansion and Transmission Optimization</b>		

4. Transmission and Distribution line constructed or rehabilitated under the project (LV lines) (Kilometers)	0.00	191.00
<b>Togo</b>	<b>0.00</b>	<b>191.00</b>
5. Transmission and Distribution line constructed or rehabilitated under the project (MV lines) (Kilometers)	0.00	143.00
<b>Togo</b>	<b>0.00</b>	<b>143.00</b>
6. Public-lighting posts installed (Number)	0.00	1,853.00
<b>Togo</b>	<b>0.00</b>	<b>1,853.00</b>
7. Electrified localities under the project (Number)	0.00	64.00
<b>Togo</b>	<b>0.00</b>	<b>64.00</b>
8. Reactive power compensation (MVARs) support PV -MVARs (Bumbuna 161 kV line) (Text)	0.00 MVARs	100.00 MVARs
<b>Sierra Leone</b>	<b>0.00 MVARs</b>	<b>100.00</b>
9. Transformer capacity installed (Kilovolt-Amphere(kVA))	0.00	66,400.00
<b>Sierra Leone</b>	<b>0.00</b>	<b>60,000.00</b>
<b>Togo</b>	<b>0.00</b>	<b>6,400.00</b>
10. People provided with new or improved electricity service (CRI, Number)	0.00	57,520.00
<b>Sierra Leone</b>	<b>0.00</b>	<b>tbd</b>
<b>Togo</b>	<b>0.00</b>	<b>tbd</b>
11. People provided with access to electricity under the project by household connections (grid or off-grid). (CRI, Number)	0.00	11,520.00
<b>Togo</b>	<b>0.00</b>	<b>11,520.00</b>
12. Female-headed households provide with access to electricity (Percentage)	0.00	27.40
<b>Togo</b>	<b>0.00</b>	<b>27.40</b>
<b>Component 4: Regional Coordination, Institutional Strengthening, and Implementation Support</b>		
13. Grievances registered and addressed within the project's GRM timeframe (Percentage)	0.00	100.00
<b>Chad, Liberia, Sierra Leone and Togo</b>	<b>0.00</b>	<b>100.00</b>
14. Staff of the implementing agencies trained in procurement, operation and maintenance of the solar plants (Yes/No)	No	Yes
<b>Chad, Liberia, Sierra Leone and Togo</b>	<b>No</b>	<b>Yes</b>
15. Project lessons learned, standard procurement documentation prepared and shared with WAPP (Yes/No)	No	Yes
<b>RCU</b>	<b>No</b>	<b>Yes</b>
16. Testing of the governors of power stations necessary for synchronization is completed (Number)	18.00	20.00
<b>WAPP</b>	<b>18.00</b>	<b>20.00</b>

7. From the RESPITE Results Framework the WAPP RESPITE Results Framework can be extracted (Table 2).

Table 2: The WAPP RESPIRE Results Framework

<b>PDO: to rapidly increase grid-connected renewable energy capacity and strengthen regional integration in participating countries</b>		
<b>PDO Indicator</b>	<b>Baseline</b>	<b>End Target</b>
<b>Strengthen regional interconnection</b>		
1. WAPP Priority projects brought to the point where investment-grade feasibility studies and associated documentation have been completed (Number)	7.40*	9.00
2. Ratio of annual hours of Synchronization of WAPP areas 1, 2 and 3 against total hours in a year (percentage)	0.00	25.00
<b>Intermediate Indicator</b>	<b>Baseline</b>	<b>End Target</b>
<b>Component 4: Regional Coordination, Institutional Strengthening, and Implementation Support</b>		
1. Testing of the governors of power stations necessary for synchronization is completed (Number)	18.00	20.00

\* 7.40 means 7 WAPP priority projects prepared and one 40% progress made in completion

### 3. Project Components and Sub-Components

8. Although the WAPP is only responsible for implementation of sub-component 4A of RESPIRE, it is useful to understand the whole structure of RESPIRE and the place of sub-component 4A in the overall structure. For this reason, in this chapter the whole structure is provided.

9. The project comprises 4 components. Details on each component and its sub-components are provided below. The total project cost is US\$ 311.00 million equivalent.

Table 3: Project Budget by Component and Sub-Component

Component or Sub-Component	Description	Budget (US\$ equivalent)
Component 1	Construction of Solar PV, BESS and Grid Connections	184 million
Sub-Component 1A	Construction of 20MWp/16 MWac Solar PV power plant on Mount Coffee Island in Liberia	21.5 million
Sub-Component 1B	Solar PV and Battery storage at two locations in Sierra Leone	63.5 million
	<ul style="list-style-type: none"> <li>Development of 39 MWp (30 MWac) with 15 MWh Battery storage and addition of 7 MWh battery storage to the existing 6 MWp/5 MWac at Newton</li> </ul>	44 million
	<ul style="list-style-type: none"> <li>Construction of 13 MWp (10 MWac) solar PV plant in Lungi Airport Area with 6MWh storage</li> </ul>	19.5 million
Sub-Component 1C	Solar PV and Battery Storage in Chad	54.5 million
Sub-Component 1D	Solar PV and Battery Storage in Togo	44.5 million
Component 2	Expansion of Mt. Coffee Hydro Power Plant and Dam Safety Enhancement	61 million
Sub-Component 2A	Expansion of Mt. Coffee Hydro Power Plant with the installation two new turbines	58 million
Sub-Component 2B	Dam Safety Enhancement for Mount Coffee Hydro Power Plant	3 million
Component 3	Distribution Expansion and Transmission Optimization	15.5 million

Component or Sub-Component	Description	Budget (US\$ equivalent)
Sub-Component 3A	Supply and installation of voltage regulation equipment at 161/11kV Substation of Freetown to increase the evacuation capacity of the 161kV transmission line and Supply and installation of 33 kV and 11 kV distribution lines to optimize the integration of the Newton Solar Park in Sierra Leone	6 million
Sub-Component 3B	Support extension and densification of distribution grid in Togo with climate resilient grid infrastructure	9.5 million
Component 4	Regional Coordination, Institutional Strengthening, and Implementation Support	50.5 million
Sub-Component 4A	Regional Integration and Technical Assistance (RITA) to WAPP	20 million
Sub-Component 4B	Regional Coordination & Institutional Strengthening	5 million
Sub-Component 4C	Implementation Support to National PIUs	19.5 million
Sub-Component 4D	Technical Assistance for establishment of river basin management agency and preparation of new hydro projects in Liberia	6 million
Total Project Cost		311 million

10. **Component 1: Construction of Solar PV, BESS and Grid Connections.** This component will finance all cost associated with the Design, Supply and Installation (DSI) and Operation and Maintenance (O&M) for the first three years for: (i) a 20MWp solar power plant on Mount Coffee Island in Liberia; (ii) the expansion of an existing, and construction of new solar power plant with battery storage in Sierra Leone; (iii) a 35MWp solar power plant with battery storage in Chad; and (iv) a 25MWp solar power plant with battery storage at Dapaong in Togo.

11. **Sub-Component 1A: Construction of 20MWp/16 MWac Solar PV power plant on Mount Coffee Island in Liberia.** The Project will finance all costs associated with the DSI of a 20 MWp Solar PV power plant, O&M for one to 3 years of operation, and any associated works (including construction of transmission lines) for connection to the grid. The proposed site will be on Mount Coffee Island at the existing Mount Coffee hydropower plant (MCHPP). The solar plant will be connected to a 22 kV busbar at the MCHPP substation. With the nearby MCHPP maintaining grid stability, no battery storage is planned for the system. The component will also finance the grid interconnection that will be done after replacement of the 66(132)/22kV transformer. The government has already completed the feasibility study at the proposed site. Support for O&M will include training and capacity building at the utility to ensure that the utility staff have the technical know-how to operate and maintain the power plant.

12. **Sub-Component 1B: Solar PV and Battery storage at two locations in Sierra Leone.** The Project will finance all costs associated with (i) the expansion of an existing 6 MWp power plant at Newton to 45MWp, by adding 39 MWp of Solar PV with 7 MWh battery storage and adding storage to the existing plant, undertaking works for power evacuation, and O&M for the first three years; and (ii) the addition of about 13 MWp ground mounted solar PV with 6 MWh battery storage, undertaking works for power evacuation, and O&M for the first three years at Lungi and Newton. Feasibility studies have been completed for both sites. Support for O&M will include training and capacity building at the utility to ensure that the utility staff have the technical know-how to operate and maintain the power plant.

13. **Sub-Component 1C: Solar and Battery Storage in Chad.** The project will finance all cost associated with the construction of a 35MWp solar power plant with an estimated 60 MWh battery storage near the existing Gassi substation as well as any grid related investments and works needed for

connection of the solar PV and storage to the N'Djamena grid and an O&M contract for one to 3 years to help SNE build their capacity in operating and maintaining solar PV and storage power plant.

14. **Sub-Component 1D: Solar and Battery Storage in Togo.** The Project will finance all cost associated with the construction of a 25 MWp grid connected solar power plant with battery storage of at least 40 MWh battery at Dapaong, the plant's grid connection with construction of approximately 10 kilometers electrical lines, and possible upgrades at the nearest substations. This component will also finance the O&M for the first three to four years of operation that will include training and capacity building at the utility to ensure that the utility staff have the technical know-how to operate and maintain the power plant.

15. **Component 2: Expansion of Mt. Coffee Hydro Power Plant in Liberia and Dam Safety Enhancement.** The Project will finance all costs associated with the expansion of the existing 88 MW Mount Coffee Hydro Power Plant (MCHPP) by adding an additional capacity of 41 MW. This will allow MCHPP to have a headline capacity of 129 MW. The Project will finance the installation of two Francis turbines, each having a maximum capacity of 20.5 MW. The expansion was planned during the MCHPP rehabilitation and as a result the intakes for two additional units were already built. The powerhouse would be expanded for the two new units. No modifications are needed for the control building. The associated civil works including construction of two penstocks, erection bay and extension of tailrace channel will also be financed under this component. The component may also finance technical solutions to increase the generation efficiency of the power plant, which will be determined during the project implementation.

16. The project will further finance the implementation of the dam safety management program in Liberia and review and update of the dam safety plans that include –(i) instrumentation (monitoring) plan with repair of damaged instruments and installation of new instruments to monitor the dam behavior and performance in a satisfactory manner; (ii) O&M plan with extraordinary maintenance of the hydromechanical equipment of the spillway, and capacity building; and (iii) preparation and implementation of a full-fledged Emergency Preparedness Plan. The component will also assist the Government of Liberia to develop a mechanism to mobilize required financing for long term implementation of the dam safety program, including regular inspection and maintenance activities, and periodic detailed dam safety inspections and reviews by an independent dam safety specialist.

17. **Component 3: Distribution Expansion and Transmission Optimization.** This Component will finance the cost of: (i) increasing the evacuation capacity of the existing 161kV transmission line between Bumbung and Freetown in Sierra Leone from 70MW to 90MW and installation of 33 kV and 11 kV distribution lines to optimize integration of the Newton Solar Park in Sierra Leone; and (ii) extension and densification of distribution grid in Togo.

18. **Sub-Component 3A: Supply and installation of voltage regulation equipment at 161/11kV Substation of Freetown to increase the evacuation capacity of the 161kV transmission line and Supply and installation of 33 kV and 11 kV distribution lines to optimize the integration of the Newton Solar Park in Sierra Leone.** This sub-component will finance the works associated with increasing the wheeling capacity of the existing 161 kV transmission line from 70 MW to 90 MW. The 161 kV line is around 205 km long which results in a high impedance that induces voltage drop along this line, especially during peak demand operations; this significantly impacts both the power transfer and voltage profiles in Freetown. The planned solar PV plant at Newton will evacuate part of its generation to the 161 kV transmission line and also use 33 kV sub-transmission line that is being built under World Bank-financed Sierra Leone Electricity Sector Utility Reform Project (P120304). This sub-component will cover the cost of design, procurement, and installation of devices for voltage regulation and increasing the evacuation capacity of the line such as, reactive power compensation (capacitor banks) and/or shunt reactors, and the 33kV and 11kV distribution lines needed to optimize the use of the solar plant. Increasing the 161kV line capacity will alleviate grid congestion and help in meeting the rapidly growing demand in Western Areas.

**19. Sub-Component 3B: Support extension and densification of distribution grid in Togo with climate resilient grid infrastructure.** This sub-component will support elements of the government to increase access in the northern areas. Preliminary plans are for the RESPITE project to electrify 61 localities in the northern zone of Togo through the construction of 166 km of medium voltage lines, 151 km of low voltage lines, 61 transformer stations to meet an estimated power demand of 4,465 kVA. The project also plans to install 1,963 streetlamps for public lighting and will connect just over 12,100 households. The project will invest in climate resilient grid infrastructure through appropriate siting and design of the equipment. Solid concrete poles will be used where appropriate and adequate foundations will be used in areas with flooding risk to mitigate the risk to infrastructure damage or failure. The activity will also use, as needed, deep anchors or beams around distribution poles. It will also use specific standards, under development by CEET (the Togolese utility), to mitigate extreme weather effects (wind, extreme temperature) to increase the resilience of all the distribution lines in the component. RESPITE will also prioritize vulnerable, female-headed households when selecting households for connections.

**20. Component 4: Regional Coordination, Institutional Strengthening, and Implementation Support.** Component 4 includes resources for: (i) Regional Integration and Technical Assistance (RITA) to WAPP; (ii) Regional Coordination & Institutional Strengthening; (iii) Implementation Support to National PIUs; and (iv) Technical Assistance for establishment of river basin management agency and preparation of new hydro projects in Liberia.

**21. Sub-Component 4A: Regional Integration and Technical Assistance (RITA) to WAPP.** This sub-component will continue support for activities that commenced under Component 2 of the WAPP APL4 (Phase 1) – Côte D'Ivoire, Sierra Leone, Liberia, and Guinea Power System Re-Development Project (WAPP-CLSG Project, P113266) when financing under that project closes, namely: (i) finalization and operationalization of the legal, regulatory and technical frameworks to enable efficient regional trade between WAPP countries including for the CLSG Interconnection and the North Core Interconnection; (ii) technical integration of the WAPP network by improving the synchronous operation and reliability of interconnectors; (iii) preparation of priority regional projects as per the WAPP Master Plan 2018 including preparatory studies for the solar PV project on Mt Coffee Island (Sub-Component 1A) and the MCHPP extension (Component 2), the Saint Paul 2 hydro power project, the WAPP Ghana-Burkina-Mali interconnection and the WAPP Median interconnection; and (iv) strengthening of the institutional and technical capacity of the WAPP Secretariat to undertake its regional mandate. Deeper regional integration of the WAPP power systems will in turn increase regional electricity integration, Greenhouse Gas (GHG) reduction and provide more climate resilience decision making options. This activity will be ringfenced from the other components of the project as it has its own separate implementation entity.

**22. Sub-Component 4B: Regional Coordination & Institutional Strengthening.** This component will finance the establishment and operation of the Regional Technical Committee (RTC) and the RCU, as well as TA, training, and operating cost. The RTC will provide a platform for all countries to share knowledge, coordinate to make collective decisions where required and provide overall guidance. The RCU will be responsible for overall quality assurance, coordination, and reporting for the project. This TA will be managed by the RCU and build technical capacity across all Project Implementation Units (PIUs) as there is limited capacity within PIUs on the procurement and operation and maintenance of grid connected solar PV plants. Additional activities will be designed in consultation with other regional projects and organizations to ensure complementarity. Further, the sub-component will support activities to curate knowledge, including (i) the preparation of standardized procurement documents and institutional frameworks for public procurement of solar that can be used to rapidly deploy solar and BESS in a country facing a crisis, and (ii) holding workshops and trainings to disseminate the information. The RCU will work with regional bodies such as WAPP to ensure this knowledge is curated. Each participating country will provide a contribution towards supporting the RCU based on their overall allocation for the project.

23. **Sub-Component 4C: Implementation Support to National PIUs.** The sub-component will focus on supporting the national PIUs in the implementation of the project. Each country's PIU will be responsible for managing this sub-component. This sub-component will help countries in the procurement of supervisory engineer(s) and preparation of any E&S instruments that might be required; it will also help countries fund PIU staff and operations. Each country's PIU will have designated funds based on support activities that need to be carried out. The allocation across countries for this sub-component is: US\$6.05 million for Liberia (Sub-component 4C(i)), US\$4.13 million for Sierra Leone (Sub-component 4C(ii)), US\$4.41 million for Chad (Sub-component 4C(iii)), and US\$4.91 million for Togo (Sub-component 4C(iv)).

24. **Sub-Component 4D: Technical Assistance for establishment of river basin management agency and preparation of new hydro projects in Liberia.** This sub-component will support Liberia in establishing a river basin management agency, which will be responsible for managing the entire cascade of hydro projects, including watershed and biodiversity management, and provide technical support to the operations and capacity building of the agency. This component will also support preparation of new hydro projects in the country, including through operating cost and training.

## 4. Institutional Organization

### 4.1. Chad, Liberia, Sierra Leone and Togo

25. The Recipients Chad, Liberia, Sierra Leone and Togo delegated the responsibility of the implementation of their respective parts of RESPITE to their national Project Implementing Entity (PIE). Within the PIEs RESPITE is implemented by Project Implementation Units (PIUs). These are:

- Chad PIU under Societe Nationale d'Electricite (SNE)
- Liberia PIU under Liberia Electricity Company (LEC)
- Sierra Leone PIU under Electricity Distribution and Supply Authority (ESDA)
- Togo PIU under Togolese Agency for Rural Electrification and Renewable Energies (AT2ER)

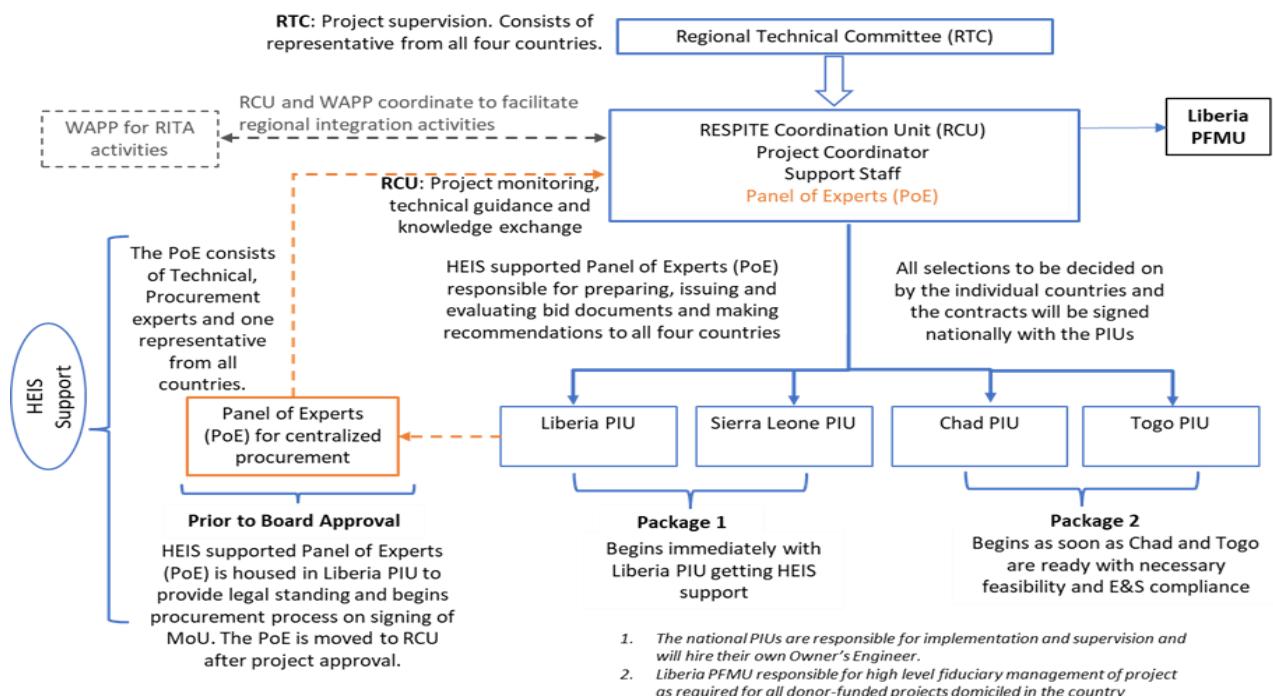
26. The PIUs do not necessarily only implement RESPITE or World Bank projects but may implement a number of projects funded by different donors. As a result, PIU staff may only work part-time on RESPITE. To improve transparency and accountability the PIU staff working on RESPITE will be referred to as the RESPITE Team in the PIU.

27. The four national PIUs are supported by one RESPITE Coordination Unit (RCU) domiciled in Liberia but which is independent from the Liberia PIU. The RCU will be supervised by a Regional Technical Committee (RTC) which consists of representatives of all four countries and the RCU will include a Panel of Experts (PoE) which, among others is responsible for preparing the bid documents for the infrastructure works in the four countries.

28. The organizational structure for Chad, Liberia, Sierra Leone and Togo is schematically presented in Figure 1.

29. Regional integration activities are implemented by the WAPP Secretariat. The WAPP Secretariat will coordinate implementation of these activities with the RCU.

Figure 1: RESPITE Institutional Arrangement



## 4.2. West African Power Pool (WAPP)

30. The West African Power Pool (WAPP) is the recipient of the IDA Grant. The WAPP delegated the implementation of RESPITE to the WAPP Secretariat. Within the WAPP Secretariat, RESPITE is implemented by the WAPP Secretariat RESPITE Team or WAPP RESPITE Team for short.

31. The WAPP RESPITE Team comprises the following full-time or part-time staff: (i) Project Coordinator; (ii) Technical Coordinators (Operational Pilots) (5); (iii) Financial Management Specialist; (iv) Senior Procurement Specialist; (v) Accountant; (vi) Environment Specialist; (vii) Social Specialist; and (viii) Gender Based Violence Specialist. Further details are provided in the WAPP RESPITE budget details.

32. The WAPP RESPITE Team Project Coordinator reports to the Secretary General of the WAPP Secretariat. Any communication from the Project Coordinator with the World Bank shall be cleared by the Secretary General of the WAPP Secretariat.

33. Coordination with the other RESPITE recipients shall take place through the RCU established by the PIEs of Chad, Liberia, Sierra Leone and Togo.

## 5. Financing

34. The WAPP received an IDA Grant of 15,600,000 Special Drawing Rights (SDR) for the implementation of Part IV.A of RESPITE. At current exchange rate this is about equivalent to US\$ 20 million.

35. As the financing is in SDR the actual amount available in US\$ will change with changes in the exchange rate at the time of funds transfer or payments made. The WAPP Secretariat will monitor the exchange rate changes and calculate from time to time the available budget in US\$ and adjust the planning accordingly.

36. As specified in the Financing Agreement, for the WAPP there is only one cost category (Table 4).

Table 4: Cost Categories for the WAPP

Category	Amount of the Grant Allocated (expressed in SDR)	Percentage of Expenditures to be Financed (inclusive of
(1) Goods, non-consulting services, consulting services, Operating Costs and Training for Part IV.A of the Project	15,600,000	100%
<b>TOTAL AMOUNT</b>	<b>15,600,000</b>	

## 6. Financial Management

37. To ensure that RESPITE funds are managed efficiently and used only for intended purposes, there is the need to establish a strong Financial Management System which shall ensure that:
- i. Proceeds of the grant are used only for intended purposes;
  - ii. Proceeds of the grant are used in an efficient and economical manner;
  - iii. Financial reports are timely, accurate and reliable; and
  - iv. Assets procured under the project are safeguarded.
38. The Financial Management System for RESPITE shall cover at a minimum the following areas:
- i. Planning and Budgeting;
  - ii. Internal Control;
  - iii. Flow of funds;
  - iv. Accounting System and Record Keeping;
  - v. Financial Reporting; and
  - vi. External Auditing.
39. And ensure that:
- i. The work of one person is independently checked by another;
  - ii. There is segregation of duties;
  - iii. Errors are minimized;
  - iv. Record keeping is efficient and reliable;
  - v. Fraud is prevented;
  - v. Approved claims are processed without delay; and
  - vi. Interim Financial Reports are accurate and timely.

### 6.1. WAPP Secretariat Manual of Procedures

40. The WAPP Secretariat Administrative, Financial and Accounting Procedures Manual, Institutional Aspects. Final Version has been used for the WAPP Integration and TA Project (Grant No: H770-3A, WAPP APL4 (phase 1) - Côte d'Ivoire, Sierra Leone, Liberia, and Guinea Power System Re-development Project (P113266)). The Manual provides details on the accounting systems, policies, and administrative and financial procedures. The Manual was acceptable to the World Bank and will be also used for RESPITE PIM.

41. The sections below provide a brief summary and some additional information on WAPP Secretariat Financial Management of RESPITE.

### 6.2. Planning and Budgeting

42. The WAPP Secretariat shall prepare an Annual Work Plan and Budget (AWPB) for each subsequent year of project implementation in scope and detail acceptable to the World Bank and

submit the AWPB to the World Bank for its No Objection no later than 30 November each year. For the first year the AWPB shall cover the period from effectiveness to 31 December 2023. The first AWPB shall be submitted to the World Bank for No Objection no later than 30 April 2023. Only activities included in the AWPB and approved by the World Bank shall be eligible for financing from the IDA Grant. It is, therefore, important to include in the AWPB all activities intended to be implemented in the subsequent year.

43. To implement any necessary activities not included in the AWPB, first a formal revision of the AWPB is required. After inclusion of that activity in the AWPB is approved by the World Bank the WAPP Secretariat can disburse proceeds against that activity. To request approval of a revision of the AWPB the WAPP Secretariat must submit a writing request to the World Bank with a clear justification for the requested revision.

44. The AWPB comprises a narrative and a series of Excel Tables. An outline of the narrative and content of the Excel tables are provided in Annex 1. The WAPP Secretariat will receive from the World Bank the Excel tables format that need to be completed.

### **6.3. Internal Audit**

45. The WAPP Secretariat established an Internal Audit Unit that will undertake the risk based internal audits and will submit the internal audit reports 45 days after the quarters ending March and September of each year. The Financial Management Specialist who is part of the WAPP RESPITE Team shall not be part of the Internal Audit Unit. The Internal Audit Unit shall pay special attention to operations costs, including per diems and other soft expenditures, to ensure they are used in an economical manner and for the purposes intended.

### **6.4. Flow of Funds**

46. For the WAPP RESPITE Grant, the World Bank established a Grant Account within the World Bank. The World Bank disburses proceeds from the WAPP RESPITE Grant Account, to or on the order of the recipient, using one or more of the following disbursement methods:

- (a) Reimbursement: The World Bank may reimburse the recipient for expenditures eligible for financing pursuant to the Financing Agreement (“eligible expenditures”) that the recipient has pre-financed from its own resources (request to include a Statement of Expenditure)
- (b) Advance: The World Bank may advance credit proceeds into a Designated Account of the recipient to finance eligible expenditures as they are incurred and for which supporting documents will be provided at a later date (request to include a Statement of Expenditure)
- (c) Direct Payment: The World Bank may make payments, at the recipients’ request, directly to a third party (e.g., supplier, contractor, consultant) for eligible expenditures. Minimum amount for Direct Payment is US\$ 240,000 (see Disbursement and Financial Information Letter (DFIL) and Annex 2 for Schedule 1: Disbursement Provisions of the DFIL)
- (d) Special Commitment: The World Bank may pay amounts to a third party for eligible expenditures under special commitments entered into, in writing, at the recipients’ request and on terms and conditions agreed between the World Bank and the recipient.

47. Methods b and c will be most common used for RESPITE.

48. The Flow of Funds for Advance Payment is schematically given in Figure 2 and for Direct Payment in Figure 3.

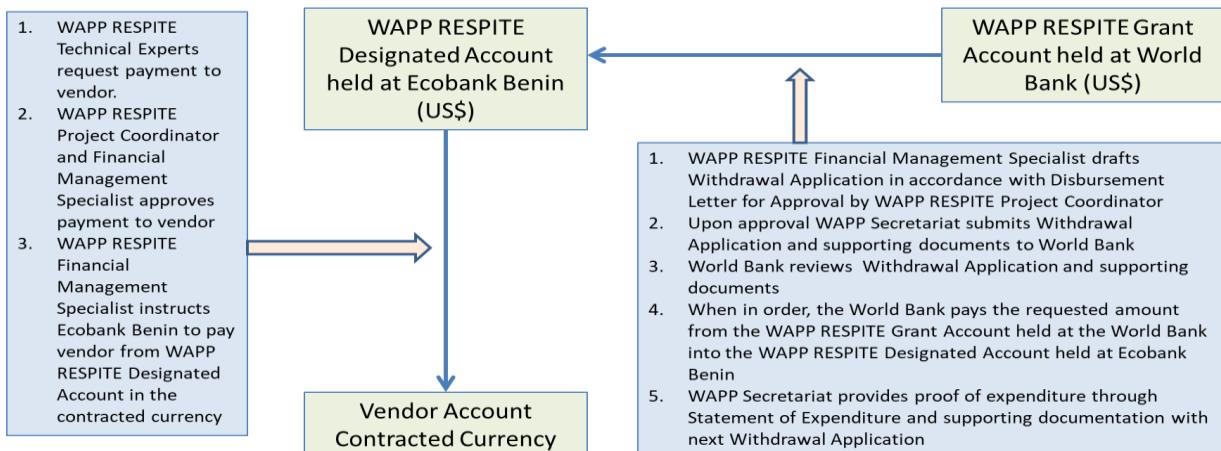


Figure 2: Schematic Presentation of Payment of Vendor Using Advance Payment

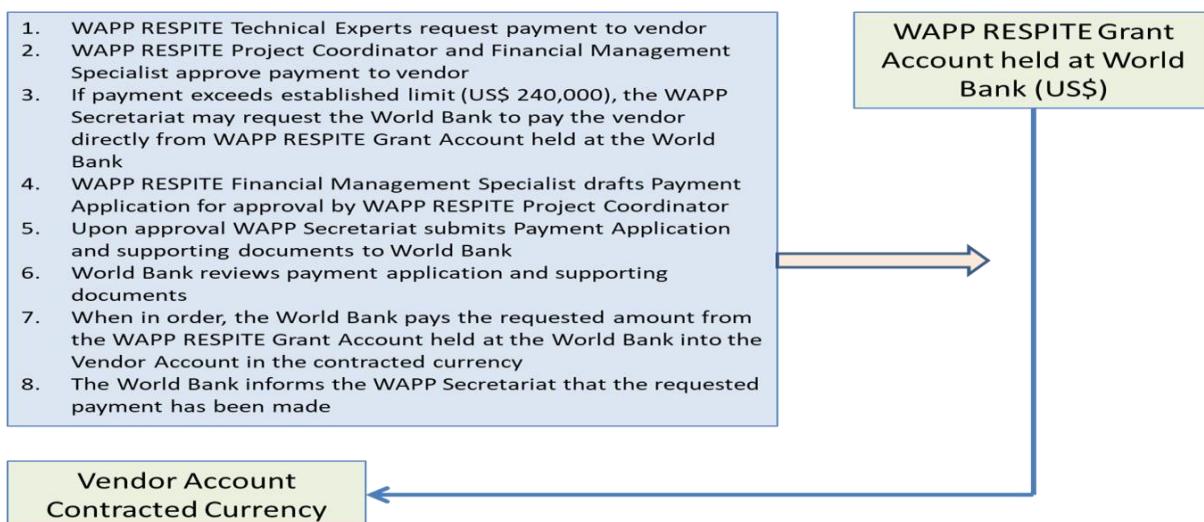


Figure 3: Schematic Presentation of Payment of Vendor Using Direct Payment

## 6.5. Designated Account

49. For the implementation of RESPITE, the WAPP Secretariat shall establish a US\$ Designated Account at Ecobank Benin. Details of the bank account that is opened and the account signatories should be communicated to the World Bank.

50. The WAPP Secretariat shall request the World Bank to pay from the WAPP RESPITE Grant Amount held at the World Bank, advances into the Designated Account by delivering Withdrawal Applications (with supporting documents) electronically through the World Bank web-based portal "Client Connection" at <https://clientconnection.worldbank.org>. This option will be effected after the officials designated in writing by the Recipient who are authorized to sign and deliver Applications have registered as users of "Client Connection". The designated officials will deliver Applications electronically by completing the Form 2380, which is accessible through "Client Connection". By signing the Authorized Signatory Letter, the Recipient confirms that it is authorizing such persons to accept Secure Identification Credentials (SIDC) and to deliver the Applications and supporting documents to the Association by electronic means. The Recipient may exercise the option of preparing and delivering Applications in paper form on exceptional cases (including those where the Recipient encounters legal limitations), and which were previously agreed with the Association. By designating officials to use SIDC and by choosing to deliver the Applications electronically, the Recipient confirms

through the Authorized Signatory Letter its agreement to: (a) abide by the Terms and Conditions of Use of Secure Identification Credentials in connection with Use of Electronic Means to Process Applications and Supporting Documentation, available in the Association's public website at <https://www.worldbank.org> and "Client Connection"; and (b) to cause such officials to abide by those terms and conditions. The initial advance and rules for replenishment of advances are specified in the Disbursement Letter.

51. The WAPP Secretariat shall provide to the World Bank proof of the use of the advance in a Statement of Expenditure (SOE) along with supporting documents and evidence.

52. For further details on the Designated Account see World Bank Disbursement Guidelines for Investment Projects May 4, 2017

<https://ppfdocuments.azureedge.net/c8902d53-c3b3-4af0-8eb2-3ad0755ad0af.pdf>

## 6.6. Accounting System and Record Keeping

53. The WAPP Secretariat is using the accounting software (TOMPRO) for existing projects. TOMPRO will also be used for RESPITE. This accounting software has multi-projects, multi-sites and multi-donor features, and is customized to generate its financial reports. The WAPP RESPITE Financial Management Specialist shall assess if any upgrades are necessary and arrange for any necessary upgrades to be made.

54. The WAPP Secretariat is using International Public-Sector Accounting Standards principles. These standards are going to be applied to the RESPITE project.

55. Manual records shall be kept as a supplement to any existing computerized accounting system. These manual records have been summarized in Table 5.

Table 5: Accounting Records Accounting Record Purpose for keeping record.

	Accounting Record	Purpose for keeping record
1.	Payment Voucher (P.V.)	To provide details of all payments irrespective of mode of payment, including approval processes and coding per chart of accounts
2.	P. V. Register	To record all payments made, serially numbered and dated
3.	Request for Transfer Register	To track transfer of funds to beneficiaries
4.	Cheques Register	To document all cheques issued including evidence of collection by beneficiaries
5.	Pre-finance Register (where applicable)	To ensure accuracy and timeliness of reimbursement or refund.
6.	Cash Book	To keep record of all payments through the bank account and also facilitate reconciliation with bank statements
7.	Fixed Assets Register	To keep basic information on all fixed assets purchased under the project, including date, cost, description, supplier, identification number, user and location.
8.	Withdrawal Application Register	To keep record of all withdrawal applications, including direct payments
9.	Contracts Register	To keep accurate records of all contracts to avoid overpayment or duplication of payments. The Register should indicate Contract amount, payment to date and outstanding balance.
10.	Tax Register	To keep accurate records of tax deductions and ensure that taxpayers receive their tax certificates in a timely manner.

## **6.7. Financial Reporting**

56. The WAPP RESPITE Financial Management Specialist shall prepare semi-annual un-audited Interim Financial Reports (IFRs) in form and content satisfactory to the World Bank. The semi-annual un-audited IFRs shall be submitted to the World Bank within 45 days after the end of the calendar semester.

57. The WAPP RESPITE Financial Management Specialist shall also prepare annual Financial Statements (FS) at the end of the fiscal period in accordance with International Public Sector Accounting Standards – cash basis. The audited FS shall be submitted to the World Bank within six months after the end of each fiscal year.

58. The IFRs will comprise the following statements (see Annex 3):

- i. Sources and uses of funds by expenditure Category;
- ii. Sources and Uses of funds by project components;
- iii. Activity and variance reports by Categories;
- iv. Activity and variance reports by Components;
- v. Contract Status Statement;
- vi. Schedule of fixed assets;
- vii. Designated Account activity statement;
- viii. Schedule of Withdrawal Applications; and
- ix. Any other statement that will enhance disclosure, transparency, and accountability.

59. The annual financial statements shall include:

- i. Statement of sources and uses of funds (summary of Expenditures shown under the main program headings and by main categories of expenditures for the period);
- ii. Notes to the financial statement (including background information on the project, the accounting policies, detailed analysis and relevant explanation of the main accounts/major balances, etc. In addition, the project shall provide, as an annex to the financial statements, an inventory of fixed assets acquired according to asset classes, dates of purchase, location, and cost); and
- iii. Relevant disclosures of outstanding commitments and fixed assets as memorandum to the statements.

## **6.8. External Auditing**

60. The WAPP's financial statements and internal control system will be subject to external annual audit by an independent external auditor which will be recruited on ToR acceptable to the World Bank. The WAPP Secretariat shall recruit an independent auditor to audit the project's financial statements within 6 months after effectiveness. The external auditor will give an opinion on the annual Financial Statements in accordance with auditing standards issued by the International Federation of Accountants. In addition to audit reports, the external auditor will also produce a management letter on internal control which would identify specific deficiencies and areas of weakness in systems and controls and make recommendations to improve them. The management letter would also report on instance of noncompliance with terms of the FA. The project will be required to submit, not later than six months after the end of each fiscal year, the annual audited financial statements of the previous year. In line with the new access to information policy, the WAPP will comply with the disclosure policy of the World Bank of audit reports (for instance making available to the public without delay after receipt of all reports final financial audit, including audit reports qualified) and place the information on its official website within one month after acceptance of final report by the World Bank.

## 6.9. Financial Management Action Plan

61. The Financial Management (FM) Action Plan for the WAPP is given in Table 6.

Table 6: WAPP FM Action Plan

Action Item	Due Date	Responsible
Update project software parameters for RESPITE	Three months after effectiveness	WAPP
Recruit an independent auditor to audit the project's financial statements	Six months after effectiveness	
Prepare and adopt the WAPP PIM	Within two months after effectiveness	
Prepare and submit unaudited IFR to World Bank	within 45 days after the end of the calendar semester	
Prepare and submit annual Financial Statements	within six months after the end of each fiscal year	
Submit annual audit report and Management Letter	within six months after the end of each fiscal year	Auditor contracted by WAPP Secretariat
Prepare well for annual World Bank FM Implementation Support Mission to review overall operation of the WAPP Secretariat FM system	Once a year (in consultation)	WAPP/World Bank
Avoid to the extent possible carrying of significant amount of cash in the cars and crossing the countries. The situation may lead to theft of funds or misappropriation of the funds. The WAPP Secretariat should use the World Bank mechanism to transfer funds from one country to another country for which the World Bank offers many solutions.	continuously	WAPP/World Bank

## 7. Management & Monitoring of Environmental & Social Risks & Impacts

### 7.1. Environment and Social

62. RESPITE will be implemented in accordance with the World Bank's Environmental and Social Framework (ESF) and the applicable Environmental and Social Standards (ESS). To comply with the requirements each recipient must prepare and publicly disclose:

- Environmental and Social Commitment Plan (ESCP)
- A Stakeholders Engagement Plan (SEP)
- Environment and Social Management Plan (ESMP)

It shall also adhere to other National environmental and social policies, provided such policies are materially consistent with the World Bank ESF.

63. The WAPP Secretariat prepared and publicly disclosed the required ESCP and SEP instruments corresponding to sub-component 4A (the TA activities implemented by WAPP) in line with the World Bank's ESF requirements and were disclosed by the Recipient and World Bank. A simplified ESMP for activities under Component 4.A will be prepared by the Recipient no later than three months after the Effective Date. Activities under Sub-component 4D will support preparation of new hydro projects, including conducting studies for the design. These studies shall consider environmental and social issues including preparing ESIA depending on the scope and purpose of the studies.

**Applicable Environmental and Social Standards (ESSs):**

64. The project was prepared and will be implemented in compliance with the World Bank Environmental and Social Framework (ESF) and its Environmental and Social Standards (ESS) that are relevant to RESPITE TA to WAPP:

- a) ESS1 on the Assessment and Management of Environmental and Social Risks and Impacts,
- b) ESS2 on Labor and Working Conditions
- c) ESS3 on Resource Efficiency and Pollution Prevention and Management
- d) ESS4 on Community Health and Safety and
- e) ESS5 on Land acquisition, land use restrictions and involuntary resettlement and
- f) ESS10 on Stakeholder Engagement and Information Disclosure.

**ESS1** sets out the Borrower's responsibilities for assessing, managing and monitoring environmental and social risks and impacts associated with each stage of a project supported by the Bank through Investment Project Financing, in order to achieve environmental and social outcomes consistent with the Environmental and Social Standards (ESSs).

**ESS2** recognizes the importance of employment creation and income generation in the pursuit of poverty reduction and inclusive economic growth. Borrowers can promote sound worker management relationships and enhance the development benefits of a project by treating workers in the project fairly and providing safe and healthy working conditions.

**ESS3** recognizes that economic activity and urbanization often generate pollution to air, water, and land, and consume finite resources that may threaten people, ecosystem services and the environment at the local, regional, and global levels. The current and projected atmospheric concentration of greenhouse gases (GHG) threatens the welfare of current and future generations. At the same time, more efficient and effective resource use, pollution prevention and GHG emission avoidance, and mitigation technologies and practices have become more accessible and achievable.

**ESS4** recognizes that project activities, equipment, and infrastructure can increase community exposure to risks and impacts. In addition, communities that are already subjected to impacts from climate change may also experience an acceleration or intensification of impacts due to project activities. ESS4 addresses the health, safety, and security risks and impacts on project affected communities and the corresponding responsibility of Borrowers to avoid or minimizes such risks and impacts, with particular attention to people who, because of their particular circumstances, may be vulnerable.

**ESS10** recognizes the importance of open and transparent engagement between the Borrower and project stakeholders as an essential element of good international practice. Effective stakeholder engagement can improve the environmental and social sustainability of projects, enhance project acceptance, and make a significant contribution to successful project design and implementation. Stakeholder engagement is an inclusive process conducted throughout the project life cycle. Where properly designed and implemented, it supports the development of strong, constructive and responsive relationships that are important for successful management of a project's environmental and social risks. Stakeholder engagement is most effective when initiated at an early stage of the project development process and is an integral part of early project decisions and the assessment, management and monitoring of the project's environmental and social risks and impacts.

65. The SEP and ESCP set out the necessary actions to ensure that the project complies with the ESSs. The ESCP of each country identifies the material measures and actions that are required as well as their timeframe and dates of completion and define the responsibilities of different institutional partners.

66. For easy reference the WAPP ESCP dated 22 November 2022 is provided in Annex 4. The ESCP sets out measures and actions that the recipient through various agencies shall carry out, including timeframes

of the actions and measures, institutional, staffing, training, monitoring and reporting arrangements, and grievance management. The ESCP also sets out the environmental and social instruments that shall be adopted and implemented under the Project. These shall be subject to prior consultation and disclosure, consistent with the ESS.

67. The ESCP provides details and requirements on:

- Monitoring and reporting
- Reporting on Incidents and Accidents
- Staffing and Organization
- Requirement to prepare ESMP that includes (i) a Waste Management Plan (WMP) to manage hazardous and non-hazardous wastes, consistent with ESS3; (ii) resource efficiency and pollution prevention and management measures, consistent with ESS3; (iii) measures to manage traffic and road safety risks as required, consistent with ESS4; (iv) Community Health and Safety mitigation measures; (v) adopted SEA/SH mitigation measures, to assess and manage the risks of SEA and SH, consistent with ESS4.
- Requirement to incorporate the relevant aspects of the ESCP into contracts.
- Requirement that TOR consultants are acceptable to the World Bank and consistent with the ESSs
- Requirement to prepare, disclose, consult upon, adopt and implement the Labor Management Procedures (LMP) for the Project
- Requirement to establish and operate a grievance mechanism for Project workers, as described in the LMP and consistent with ESS2.
- Requirement to assess and implement measures to manage the security risks of the Project.
- Requirement to prepare a security risk assessment (SRA) for TA activities located in countries affected by conflict and insecurity such as Mali, Burkina Faso, Togo, Nigeria and Niger and systematically identify potential security risks for project workers, assets and activities as well as for communities affected by the project.
- Requirement to implement the Stakeholder Engagement Plan (SEP) prepared by the WAPP Secretariat consistent with ESS10.
- Requirement to establish, publicize, maintain, and operate an accessible grievance mechanism, to receive and facilitate resolution of concerns and grievances in relation to the Project in a manner consistent with ESS10.
- Training and capacity building needs

68. The WAPP RESPITE SEP, dated November 22 is an integral part of the WAPP RESPITE PIM. The WAPP RESPITE SEP, among others, identifies stakeholders and outlines a stakeholder engagement plan. The WAPP RESPITE SEP does not explicitly mention engagement with the RESPITE RCU in Liberia and Project Implementing Entities in Chad (SNE), Liberia (LEC), Sierra Leone (EDSA) and Togo (AT2ER). Details on engagement with these stakeholders will be provided in Chapter 16, Coordination.

### **Environmental and Social Risk Management Procedures.**

#### **Simplified Environmental and Social Management Plan and Implementation:**

69. The simplified Environmental and Social Management Plan presents all environmental and social management measures, including technological risk management, and describes the operational and organizational aspects of implementing the recommended environmental protection measures.

70. Management measures are divided into two main groups: general measures and specific measures. General measures are standard measures that apply to all project components and/or activities. Specific measures are aimed at certain specific impacts that have been identified and for which particular actions need to be implemented.

71. The simplified Environmental and Social Management Plan (ESMP) is the planning and management instrument that provides details on:

**Institutional Arrangements for Implementing the ESMP:**

- WAPP
- the Ministries in charge of energy in the countries concerned by the RESPITE project,
- WAPP member utilities involved in the project,
- members of the national PMUs of the countries concerned by the project, in particular,
  - o the national PMUs of the WAPP Median Core Interconnection project
  - o the PIUs Solar PV pilot Plant, the Mont Coffee hydropower Plant and the Saint Paul 2 hydropower project,
  - o the national PIUs of the Ghana-Burkina-Mali Interconnection project.
- Consultants
- Companies
- Local authorities and communities.

**Roles and responsibilities of institutions for Implementing the ESMP:**

72. The WAPP, through the Department of Planning, Investment Programming and Environmental Protection (D/PIPES), the PMU, the consultants and focal points and the other players involved in implementing the ESMP, with the support of the national PMUs, are responsible for implementing the ESMP for the RITA components in this preparation phase.

73. In terms of roles and responsibilities, the project teams, with the support of the environmental, social and gender consultants, will coordinate and monitor all project activities, including those of the consultants in charge of carrying out the pre-investment studies. Each member of the team will be responsible for reporting on the progress of activities and monitoring the project's environmental and social performance.

**Responsibilities of the PIU for ESHS and Procedures:**

74. The PIU is responsible for project coordination, preparation of technical feasibility studies and environmental feasibility studies. It is also responsible for drawing up and monitoring the implementation of the SEP, EMSP, Workforce Management Plan, Waste Management Plan (WMP) HygPGMO, MGP and Environment, Health & Safety (EHE)

75. Supported by the World Bank, each participating country has the overall responsibility for assessing, managing, and monitoring environmental and social risks and impacts throughout the project life cycle to meet the requirements of the Environmental and Social Standards (ESS) in a manner and within a timeframe acceptable to the World Bank.

## **7.2. Sexual Exploitation and Abuse/ Sexual Harassment (SEA/SW)**

76. Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH) risk in the countries in which WAPP implements RESPITE activities may be significant. The ESMP will include the appropriate mitigation measures relative to risk, which are aligned with the requirements outlined in the SEA/SW Good Practice

Note<sup>3</sup>, and will be reflected as well in contractual obligations<sup>4</sup>. These shall include requirements to sign, by all project staff and workers, a code of conduct (CoC) clearly indicating SEA/Sexual Harassment (SH) as forbidden behavior and sanctions in case of misconduct; training for the staff and workers about the content of the CoC; grievance mechanisms sensitive to SEA/Sexual Harassment (SH) complaints and with referral to local GBV service providers; awareness raising for community members (including for women in separate groups animated by a woman) on the contact of CoC, ways to submit complaint and available services. A sample CoC is provided in Annex 1 of the Good Practice Note.

### **7.3. Gender**

77. The energy sector is globally one of the least gender diverse sectors. Recipients shall make effort to increase gender diversity in the energy sector by increasing the opportunities for women. This includes encouraging participation of women in all activities financed by the project and through recruitment of women in the PIU. Recipients are required to report on efforts undertaken to increase gender diversity in the energy sector of their respective part of RESPITE.

### **7.4. Citizen Engagement**

78. Under RESPITE, WAPP shall make an effort to engage citizens. In the SEP, specifically two activities are envisaged:

- Publication of a standalone annual report on project's interaction with the stakeholders and meetings with stakeholders to discuss the report in community meetings and workshops; and
- Publication of the reports on the project website, social media, TV, newspapers, PIU office etc.

### **7.5. Grievance Mechanism**

79. Communities and individuals who believe that they are adversely affected by RESPITE may submit complaints to existing RESPITE Grievance Mechanism (GM) established by WAPP or to the Bank's Grievance Redress Service (GRS).

80. Details on the WAPP GM are included in Chapter 6 of the SEP. The Social Specialist in the WAPP RESPITE Team will have overall responsibility to manage the Grievance Mechanism. Stakeholders who have comments or questions about the project or the consultation process could contact the Director of Department of Planning, Investment Programming and Environment Safeguards (D/PIPES) of WAPP: Contact: +229 91 21 52 52 / 91 21 53 53. In addition, WAPP shall put in place a toll-free number in each of participating countries to facilitate access to the GM, as well as a specific email to communicate with the PIU will be created within 1 month of Effective Date (in addition the general email which currently exists info@WAPP.org). The GM shall be disclosed on the WAPP website within 1 month of Effectiveness.

81. Full details are provided in Chapter 6 of the SEP.

### **7.6. Governance and Anti-Corruption**

82. The World Bank's Anti-Corruption Guidelines ("Guidelines on Preventing and Combating Fraud and Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants", dated October 15, 2006 and revised in January 2011 and as of July 1, 2016, apply to the implementation of RESPITE. For easy reference, excerpts of the July 1, 2016, version are provided in Annex 5.

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<sup>3</sup> <https://thedocs.worldbank.org/en/doc/632511583165318586-0290022020/original/ESFGPNSEASHinmajorcivilworks.pdf>

<sup>4</sup> See for instance Procurement Sexual Exploitation and Abuse and Sexual Harassment (SEA/Sexual Harassment (SH)) Prevention and Response Measures. Contractor/Sub-contractor disqualification for breach of SEA/Sexual Harassment (SH) contractual obligations. QUESTIONS & ANSWERS FOR BORROWERS & CONTRACTORS: <https://thedocs.worldbank.org/en/doc/844301612216257638-0290022021/original/QAsSEASHpreventionProcurementforborrowerscontractors.pdf>

<sup>5</sup> <https://www.ethics.org/resources/free-toolkit/code-of-conduct/>

## 8. Procurement

### 8.1. Procurement Responsibilities

83. WAPP is responsible for procurement of consultants for national activities. Procurement under RESPITE will be carried out in accordance with the World Bank “Procurement Regulations for Investment Project Financing Borrowers” dated November 2020, the ‘Guidelines on Preventing and Combating Fraud and Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants’ dated July 1, 2016 and beneficiary disclosure requirements, as well as other provisions stipulated in the RESPITE Grant Agreement. WAPP through the WAPP Secretariat will be solely responsible for making decisions and signing the relevant consultant contracts. The WAPP RESPITE Team will include a full-time or part-time Procurement Expert, responsible for all WAPP RESPITE procurement.

### 8.2. Systematic Tracking of Exchanges in Procurement (STEP)

84. RESPITE will use the World Bank’s Systematic Tracking of Exchanges in Procurement (STEP). STEP is an online system that helps the World Bank and recipients plan, record, and track key stages of the procurement process under Investment Project Financing (IPF) projects. It is designed to help recipients achieve value for money in procurement by transforming data into knowledge, speeding up the procurement process, and improving accountability and transparency. It streamlines and automates some stages of the procurement process and enables monitoring and reporting<sup>6</sup>.



Figure 4: STEP

85. The STEP e-Manual for Borrowers can be found:

[https://www.procurementnet.org/STEP/Client\\_e-manual/](https://www.procurementnet.org/STEP/Client_e-manual/). After securing access to STEP all procurement related actions can and must be taken through STEP.

<sup>6</sup> <https://www.worldbank.org/en/projects-operations/products-and-services/brief/systematic-tracking-of-exchanges-in-procurement-step>

### 8.3. Project Procurement Strategy for Development (PPSD)

86. A simplified Project Procurement Strategy for Development (PPSD) and an initial procurement plan must have been prepared, but both are to be updated during implementation stage based on the capacity and risk assessment of the proposed implementing agencies. The PPSD also includes a summary on procurement risk, mitigation action plan.

87. Depending on estimated cost and risk, PIEs must prepare a Short Form PPSD or a Long Form PPSD. The vast majority of Projects financed by the World Bank will require completion of a Short Form PPSD template. Table 7 details the type of procurement/contract, procurement risk, and value thresholds that should be used to determine when the Short Form PPSD is required. If the scope of the procurement (based on contract type, cost and procurement risk) under a Project does not include any contract, which exceeds the value thresholds in the table then normally a Short Form PPSD should be produced. The overall procurement risk associated with RESPITE in all beneficiary countries is Substantial (see PAD).

Table 7: Threshold for Completing Long Form PPSD

				Threshold for Use of the Short Form PPSD Template as a Function of Procurement Risk				
Type of Procurement/Contract				Estimated Contract Cost (US\$ million)				
Works	<200	<115	<75	<50				
Goods IT and non-consulting services	<125	<75	<50	<30				
Consultant services	<40	<30	<20	<15				
Procurement Risk	Low	Moderate	Substantial	High				
	Threshold for Use of the Short Form PPSD Template as a Function of Procurement Risk				Threshold for Use of the Short Form PPSD Template as a Function of Procurement Risk			
Type of Procurement/Contract	Estimated Contract Cost (US\$ million)				Threshold for Use of the Short Form PPSD Template as a Function of Procurement Risk			
Works	<200	<115	<75	<50				
Goods IT and non-consulting services	<125	<75	<50	<30				
Consultant services	<40	<30	<20	<15				
Procurement Risk	Low	Moderate	Substantial	High				
Type of Procurement/Contract				Estimated Contract Cost (US\$ million)				
Works	<200	<115	<75	<50				
Goods IT and non-consulting services	<125	<75	<50	<30				
Consultant services	<40	<30	<20	<15				
Procurement Risk	Low	Moderate	Substantial	High				

88. For RESPITE WAPP must prepare the Short Form PPSD<sup>7</sup>. The Short Form PPSD template is provided in Annex 5. PIEs shall submit the Short Form PPSD to the World Bank no later than 30 days after effectiveness.

<sup>7</sup> <https://thedocs.worldbank.org/en/doc/123601488224013672-0290022017/original/ProcurementPPSDShortFormFeb2017.pdf>

## **8.4. Procurement Plan**

89. For RESPITE as a whole, at the time of appraisal a procurement plan has been prepared, including the procurement plans of all 5 Project Implementing Entities (PIEs). After effectiveness, WAPP shall prepare and include in STEP its own WAPP RESPITE Procurement Plan. The WAPP shall further update the WAPP RESPITE Procurement Plan as needed. Any updates of the Procurement Plan shall be submitted for World Bank approval. The Recipients shall use the World Bank's online procurement planning and tracking tools (STEP) to prepare, clear and update its Procurement Plans and conduct all procurement transactions.

90. For reference Annex 6 includes the template for the textual part of the Procurement Plan and the WAPP RESPITE Procurement Plan tables (as in the combined RESPITE Procurement Plan).

## **8.5. Procurement Oversight**

91. Procurement under the project will be carried out in accordance with the World Bank "Procurement Regulations for Investment Project Financing Borrowers" dated November 20208. PIEs shall familiarize themselves with this document that can be obtained through above link. Annex II of that document outlines the World Bank Procurement Oversight. It comprises the following sections:

- Purpose
- Requirements
- Procurement Prior Review
- Procurement Post Review
- Independent Procurement Reviews
- PPSD and Procurement Plan
- Documents for Prior Review
- Retaining Documents for Contracts subject to Prior Review
- Retaining Documents for Contracts Subject to Post Review
- Modification of signed Contract
- Due Diligence concerning the Bank's Sanctions Policies, Procedures and Disqualification mechanism.

92. The World Bank exercises its procurement oversight through a risk-based approach comprising prior and post reviews and independent procurement reviews, as appropriate.

93. **Procurement Prior Review.** The Bank sets mandatory thresholds for prior review based on project procurement risk levels. These levels are specified in the PPSD. The procurement Plan shall indicate whether or not the procurement is subject to prior review. For procurement of Goods, Works and Non-consulting Services the prior review depends on the procurement method selected (see Annex XII the Procurement Regulations) but could mean prior review of: (i) Initial Selection Document; (ii) Specific Procurement Notice (SPN); (iii) Initial Selection Evaluation Report; (iv) Request for Proposals Document (RFP); (v) Proposal Evaluation Report; and (vi) Contract with selected bidder. STEP will guide the prior review required. For Consultant Services, prior review may include prior review of: (i) Terms of Reference (TOR); (ii) Request for Expression of Interest (REoI); (iii) Shortlist; (iv) Request for proposals document (RFP); (v) Letter of invitation to submit proposals; (vi) Proposal Evaluation Report; and (vii) contract with selected consultant. STEP will guide the prior review required.

94. **Procurement Post Review.** For procurement not subject to prior review, the World Bank carries out post reviews of procurement activities undertaken by the recipient to determine whether they comply with the requirements of the Legal Agreement. The Bank may use a third party such as a

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<sup>8</sup> <https://thedocs.worldbank.org/en/doc/178331533065871195-0290022020/original/ProcurementRegulations.pdf>

supreme audit institution, acceptable to the Bank, to carry out post reviews. Any such third party shall carryout the reviews in accordance with the terms of reference (TOR) provided to it by the Bank.

95. **Independent Procurement Review.** Independent procurement reviews are procurement audits performed by independent third parties appointed by the Bank when the Bank determines the need for such a review based on its assessment of risk. The Borrower shall cooperate with the third parties and provide all necessary access.

## 9. Monitoring and Evaluation

96. Monitoring and Evaluation (M&E) is the responsibility of the Project Implementing Entities. The WAPP reports directly to the World Bank. In each Quarterly Project Report a M&E section shall be included to report any relevant information on M&E in the preceding quarter. Quarterly Project Reports are to be submitted within forty-five (45) days after the end of each quarter.

97. Monitoring and Evaluation is an obligation but also a project management tool. To achieve the PDO it is important to closely monitor progress to assess whether or not implementation is still according to the plan and if not to take corrective measures.

98. The WAPP RESPITE Results Framework, extracted from the overall RESPITE Results Framework is given in Table 2. WAPP shall monitor progress towards achieving the WAPP RESPITE Result Indicators.

99. The full Results Framework and Monitoring and Evaluation plan for RESPITE are given in Annex 7.

100. The Monitoring and Evaluation Plan provides under Methodology for Data Collection the source of information. To provide proof that indicators have been reached the WAPP can rely on Quarterly Project Reports but can add additional sources such as consultant reports, newspaper articles, photographs, e-mail communication, etc.

## 10. WAPP RESPITE Team

101. The recipient of the IDA Grant is the WAPP. The WAPP delegated the implementation to the WAPP Secretariat responsible for implementing WAPP priority projects. As the WAPP Secretariat implements other projects besides RESPITE, the PIU staff responsible for implementing RESPITE is referred to as the WAPP Secretariat RESPITE Team or WAPP RESPITE Team for short. This arrangement is schematically presented in Figure 5.

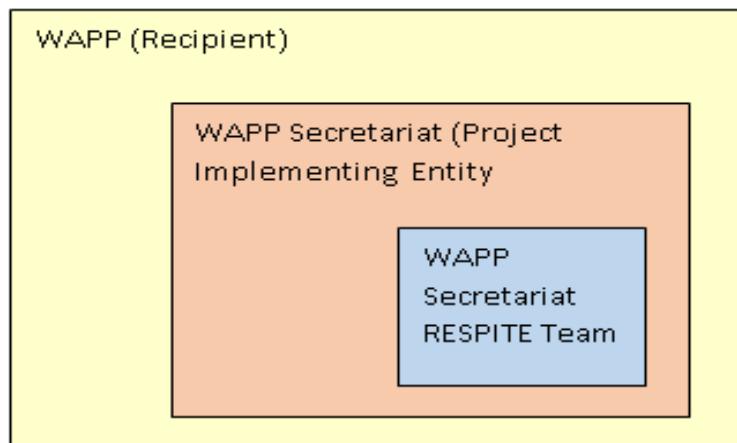


Figure 5: RESPITE Implementation Levels

102. Members of the WAPP RESPITE Team may work full-time or part-time on RESPITE. Staff working on RESPITE, are expected to be WAPP permanent staff fully dedicated to RESPITE activities or consultants recruited to support WAPP staff to implement RESPITE activities. Staff/consultants working on RESPITE and that are not WAPP Permanent staff, are charged to the RESPITE budget pro ratio of their time allocation to RESPITE.

103. The WAPP RESPITE Team comprises the following full-time or part-time staff:

- WAPP RESPITE Project Coordinator (full-time)
- Senior Procurement Specialists (part-time)
- Technical Coordinator 1/ WAPP System Operator Coordinator (Synchronization Project/full-time)
- Technical Coordinator 2/ SP2 -Liberia & Median Core Projects Coordinator (full-time)
- Technical Coordinator 3/ Ghana Burkina Mali Interconnection Project Coordinator (full-time)
- Technical Coordinator 4/ WAPP Custom and Market Coordinator (Legal and Regulatory Support for the Electricity Market)/part-time
- Financial Management Specialist (full-time)
- Accountant (full-time)
- Environment Specialist (part-time)
- Social Specialist (part-time)
- Gender Based Violence Specialist (part-time)

104. The responsibilities of above staff are summarized in Table 8. For each position charged on RESPITE budget, the WAPP developed detailed TOR to be submitted to the World Bank for review and its' No Objection and are included in Annex 9

Table 8: Responsibilities of WAPP RESPITE Team members

<b>Project Coordinator (full-time)</b>
Reports to the Secretary General of the WAPP Secretariat <ul style="list-style-type: none"><li>- Responsible for communication with the World Bank through the Secretary General of the WAPP Secretariat;</li><li>- Overall project coordination among relevant WAPP departments in collaboration with technical project coordinators;</li><li>- Monitoring and evaluation (M&amp;E);</li><li>- Regular reporting to World Bank;</li><li>- Management of WAPP RESPITE Team and team members contracts;</li><li>- Supporting preparation of studies, knowledge development and dissemination, and outreach and promotion;</li><li>- Ensuring the timely and effective implementation of the WAPP part of RESPITE;</li><li>- Utilization of the WAPP RESPITE budget in compliance with the legal agreements, AWPB, and WAPP RESPITE PIM;</li><li>- Supporting the preparation of the procurement packages to be funded from RESPITE;</li><li>- Assistance in the evaluating the bids for the above packages in close coordination with the procurement team;</li><li>- Assistance in contracting the winning bidders;</li><li>- Recruitment of additional WAPP RESPITE Team staff when needed, including consultants from the Consultant Pool Budget;</li><li>- Coordination with RCU activities;</li><li>- Preparation of the WAPP RESPITE PIM and suggest revisions where needed;</li><li>- Obtaining World Bank No Objection on any revisions of the PIM;</li><li>- Management of the Capacity building of WAPP RESPITE Team members in safeguards and other areas if needed;</li></ul>

- Continuously monitoring compliance with World Bank safeguard policies in collaboration with E&S team
- Implementation of WAPP activities included in annual plan;
- Ensure overall management, budget control, disbursement monitoring, contract administration and competent supervision of the contracts managed by the WAPP RESPITE Team;
- Any other activities required to achieve the RESPITE Development Objective;
- Etc.

#### **Senior Procurement Specialists (part-time)**

- Responsible for all procurement related to WAPP RESPITE
- Specific task includes:
  - Support in the preparation of TOR;
  - Preparation and periodic update of the Procurement Plan;
  - Drafting bidding documents;
  - Publication of Procurement notices;
  - Support to evaluation teams for guidance on procurement rules and quality control;
  - Interviewing candidates (for individual consultants);
  - Submission of the evaluation reports to the Approval of WAPP procurement Committee and World Bank' No-objection;
  - Participation in the interview for selected individual consultants;
  - Organization and participation in contracts negotiations;
  - Filing of all procurement documents and management of STEP;
  - Assistance to the contracts managers during the implementation stage (drafting amendments and counsels in the contract clauses interpretation);
  - Etc.

#### **Technical Coordinator 1/ WAPP System Operator Coordinator (Synchronization Project/full-time)**

- Pilots the component related to the synchronization of the WAPP interconnected network; and associated technical working groups activities.
- Manage All contracts on Synchronization activities with the support of the Owner's Engineer.

#### **Technical Coordinator 2/SP2-Liberia & Median Core Project Coordinator (full-time)**

- Pilots the preparatory studies for the Priority Investment Project/ SP2 in Liberia including contracts management of the recruited consultants to prepare the feasibility and E&S studies;
- Pilots the interventions of the Panel of Experts recruited to support the preparatory studies of the PIP in Liberia;
- Pilots the preparatory studies of the Median Core interconnection project including contracts management of the consultants recruited to carry out the feasibility and ESIA studies.

#### **Technical Coordinator 3/GBM Interconnection Project Coordinator (full-time)**

- Pilots the preparatory studies of GBM interconnection project including contracts; management of the consultant recruited to carry out the feasibility and ESIA studies and the intervention of the project stakeholders.

#### **Technical Coordinator 4/ WAPP Custom and Market coordinator (Legal and Regulatory Support for the Electricity Market)/part-time**

- Pilots the implementation of activities of the support for the preparation of Commercial; Energy Exchange between the WAPP Member Utilities within the framework of the Regional Electricity Market;
- Monitor and assist the consultants' interventions in preparing power purchase agreements and transmission services agreements including any associated legal, financial and technical documents;
- Technical advice where needed on the Regional Electricity Market Development.

**Technical Coordinator 5/ Power Expert (part-time)**

- Pilots the implementation of Technical Committee for the Commercial Transactions for the North Core Interconnection;
- Monitor and assist the consultants' interventions in preparing power purchase agreements and transmission services agreements including any associated legal, financial and technical documents;
- Prepare TOR for the recruitment of specific consultant if needed to assist the North Core countries in the preparation of their commercial transaction;
- Assist the WAPP custom and Market Coordinator where needed in the preparation of the legal and regulatory for the electricity market.

**Financial Management Specialist (full-time)**

- Responsible for Financial Management of Part IV.A of RESPITE;
- Set up and maintain books of accounts specifically for the project;
- Establish and manage the WAPP RESPITE Special Account;
- Process payments from Special Account which require approval of the WAPP Secretary General or Director of Finance;
- Prepare WAPP RESPITE quarterly unaudited Interim Financial Reports (IFRs) and annual Financial Statements (FS);
- Engage external auditor to audit the WAPP RESPITE Financial Statements;
- Able to account for all money received;
- Financial reporting.

**Accountant (full-time)**

- Support Financial Management Specialist in all above tasks and not limited,
- Responsible for accounting aspect of the project,
- Request for Fund for the Project Designated Account and prepare all associated documentations,
- Prepare Invoices payment order for Bank Transfer,
- Process payments for any expenditures once internally approved,
- Prepare bank reconciliation and disbursement rapport which be monthly submitted to the Project Coordinator,
- Liaise with WB Financial Team on financial issues.

**Environment specialist (part-time)**

- Prepare environmental sections in Quarterly Project Reports;
- Continuously assess compliance with the Environmental and Social Compliance Plan (ESCP);
- Implement measures to improve environmental and social compliance and reduce risk;
- Enhance the capacity of the RESPITE Team in environmental compliance, risk reduction and to identify further training needs;
- Upon request, support PIUs on Environmental Management;
- Manage inputs from other E&S Team members.

**Social Specialist (part-time)**

- Prepare Social Compliance sections in Quarterly Project Reports;
- Continuously assess compliance with the WAPP Environmental and Social Compliance Plan (ESCP);
- Responsible for implementing the Stakeholder Engagement Plan (SEP), establishing and implementing the Grievances Mechanism, and maintaining the Grievances log;
- Assess environment and social compliance and continuously improve environmental and social compliance and reduce risk;
- Enhance the capacity of the RESPITE Team in social compliance, risk reduction and to identify further training needs;
- Check if consultant contracts include the required environmental and social stipulations;
- Manage inputs from other E&S Team members.

Gender based violence specialist (part-time)
<ul style="list-style-type: none"> <li>- Prepare Gender Based Violence (BGV) prevention section in Quarterly Project Report;</li> <li>- Continuously assess compliance with the Environmental and Social Compliance Plan (ESCP), World Bank Gender Based Violence Action Plan and Good Practice Note Addressing Sexual Exploitation and Abuse and Sexual Harassment (SEA/SIH);</li> <li>- Continuously assess measures to avoid gender-based violence, and to formulate recommendations to reduce the risk of gender-based violence;</li> <li>- Enhance the capacity of the RESPITE Team in understanding gender-based violence issues, reduce the risk of gender-based violence and to identify further training needs.</li> </ul>

105. The organizational structure of the WAPP RESPITE Team is schematically presented in Figure 6.

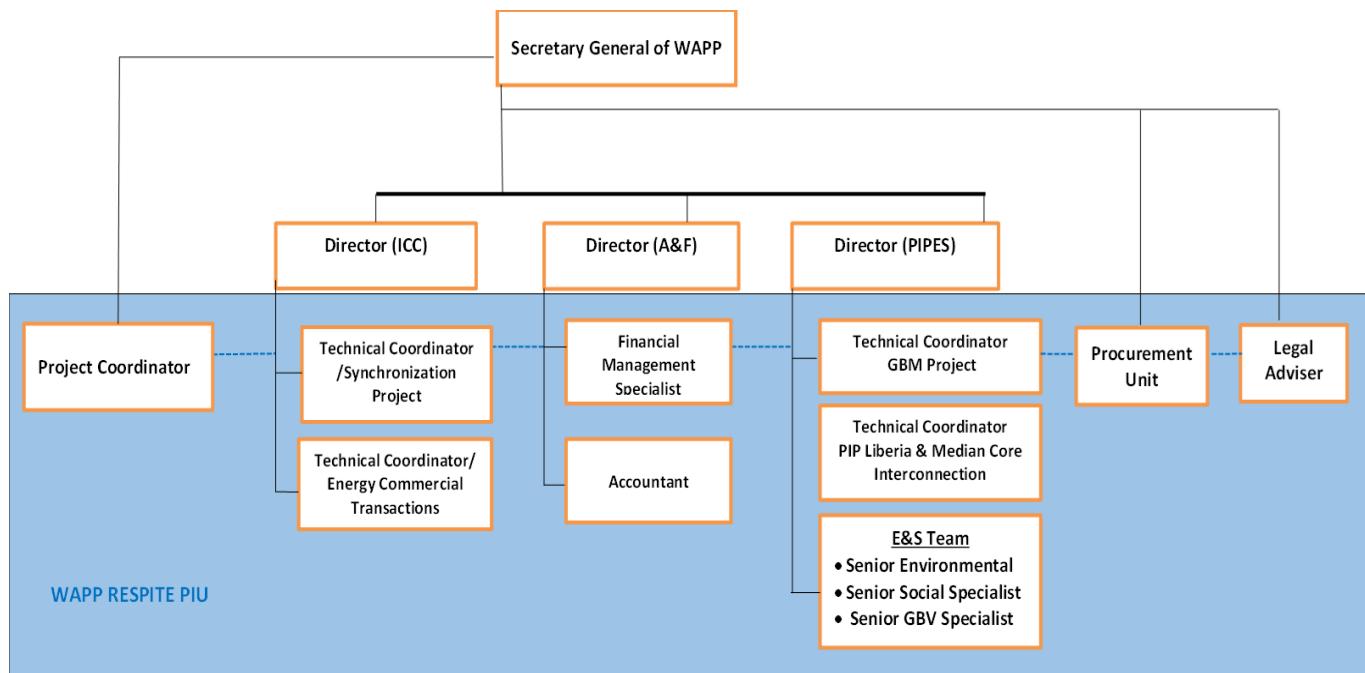


Figure 6: Organization WAPP RESPITE Team

## 11. WAPP RITA-RESPITE Work Program

106. The WAPP is responsible for the implementation of RESPITE sub-component IV.A: Regional Integration and Technical Assistance (RITA) to WAPP.

107. This sub-component will continue support for activities that commenced under Component 2 of the WAPP APL4 (Phase 1) – Côte D'Ivoire, Sierra Leone, Liberia, and Guinea Power System Re-Development Project (WAPP-CLSG Project, P113266).

108. RESPITE sub-component IV.A comprises of a number of Work Packages (WPs):

- **WP1: Legal and Regulatory Support**

Finalization and operationalization of the legal, regulatory, and technical frameworks to enable efficient regional trade between WAPP countries including for the CLSG Interconnection and the North Core Interconnection.

- **WP2: Integration and Synchronization Support**

Technical integration of the WAPP network by improving the synchronous operation and reliability of interconnectors

- **WP3: Preparation of WAPP Priority Projects**

Completion of investment-grade feasibility studies and associated documentation for: (a) the solar PV project on Mt Coffee Island (Sub-Component 1A); (b) the Mount Coffee Hydropower Plant extension (RESPITE Component 2); (c) the Saint Paul 2 HPP; (d) the WAPP Ghana-Burkina-Mali interconnection; (e) the WAPP Median Core interconnection.

In total there are ten (10) WAPP Priority Projects. These are: CLSG / Côte d'Ivoire-Liberia-Siera Leone-Guinea interconnection line (commissioning being completed); (2) North Core/ Nigeria-Niger-Togo/Benin-Burkina- interconnection line (construction works ongoing); (3) Souapiti HP in Guinea (commissioned completed in June 2021); (4) Guinea-Mali interconnection line (construction works ongoing); (5) OMVG/Senegal, Gambie, Guinea et Guinea-Bissau interconnection line (Commissioning of lines being completed); (6) Reinforcement of Côte d'Ivoire Ghana Interconnection line (pre-investment completed and funds mobilized in 2018 but delay in implementation and update of the studies are ongoing (7) Reinforcement of Nigeria-Benin interconnection line (pre-investment studies completed and funds for implementation being mobilized); (8) ) Saint Paul 2 HPP (pre-investment studies ongoing); (9) WAPP Ghana-Burkina-Mali interconnection line (pre-investment studies to be implemented); and (10) WAPP Median Core interconnection line (pre-investment studies ongoing). The first 7 Priority Projects are more or less completed while the pre-investment studies for the last 3 projects will be completed under RESPIRE and also include the activities on Mount Coffee PV and HPP extension.

- **WP4: Institutional Strengthening and Capacity Building of WAPP Secretariat**

Reinforcement of institutional and technical capacity of WAPP enhance speedy implementation of WAPP RESPIRE activities.

- **WP5: Project Management WAPP part of RESPIRE.**

109. Details on each Work Package is provided below.

## **11.1. WP1: Legal and Regulatory Support to enable efficient regional trade between WAPP countries.**

110. The activities envisaged under WP1 include and not limited to:

- a) Support to the preparation of commercial energy transaction. This consists to the recruitment of legal, financial, and technical consultants to support the WAPP CLSG and North Core countries and may also include other WAPP countries member in the preparation of the power purchase agreements (PPAs) and transaction services agreements (TSAs) for the energy trade between the project countries within the Regional Electricity Market.
- b) Organization of meetings of the Technical Committee for Commercial Transaction (CTTC) of WAPP North Core as well as workshop/capacity buildings and knowledge transfer on the legal, financial, technical, or regulatory aspects of PPA, TSA and electricity market management.

## **11.2. WP2: Integration and Synchronization Support**

111. The activities envisaged under WP2 include the following:

- a) Design, Supply and Installation of SVC, SPS and PMUs (SVC Operation and Maintenance (O&M) support and replacement of synchronous digital hierarchy (SDH) equipment of some Utilities including the defects liability period);
- b) Tuning of PSS, Field Testing and setting change of Governors and Synchronization of the WAPP: This includes the testing (model validation, governor and PSS test and/or re-test) of remaining key power plants (Egbin Power plant, Manantali Power Plant, AZITO Power Plant and Kainji Power Plant) and the Synchronization trials between Area 1, Area 2 and Area 3 including WAMS data analysis and dynamic simulations and analysis.

- c) Original Equipment Manufacturer (OEM) support for testing at power plants;
- d) Owners' Engineer supervision for synchronization works (General Electric and NR Electric Contracts);
- e) Post synchronization Studies. This consists of a series of thematic studies to be carried out in order to ensure efficient and stable synchronization;
- f) Technical Assistance to Technical Working Group in system reliability assessment, load frequency control and compliance monitoring and system protection and coordination;
- g) Synchronization Taskforce and Technical Working Groups Meetings.

### **11.3. WP3: Preparation of WAPP Priority Projects**

112. The activities envisaged under WP3 include the following:

- a) **Liberia preparatory studies for priority hydro-solar generation investment projects:**
  - Finalization of preparatory studies for Solar PV Pilot and Mt Coffee Extension in Liberia:
    - Preparation of E&S Audit for the Mt. Coffee HPP Rehabilitation
    - Completion of the ESIA report for the Solar PV project on Mt Coffee Island
    - Completion of ESIA report for the Mt Coffee HPP Extension
    - Completion of the work requirements to be included in the Mt Coffee HPP Extension bidding documents.
  - Preparation FS and ESIA studies the Saint Paul 2 hydro power project in Liberia (SP2 HPP):
    - Finalization of the geotechnical investigations
    - Operation and maintenance of SP2 access road as well as barges on the MEL and St Paul rivers to facilitate the geotechnical investigations work.
    - Preparation of SP2 HPP FS Report (preliminary, draft and final reports)
    - Preparation of SP2 HPP E&S deliverables Reports
  - Technical Assistance to Focal Point for the development of Liberia PIP (TA2)
  - WAPP-Focal Team counterpart consultant in Liberia for PIP
  - International Panel of Experts<sup>9</sup>
  - Expenditure for Focal point, Trainings and Workshops for validating deliverables.
- b) **Pre-investment studies for the WAPP Ghana-Burkina-Mali Interconnection:**
  - Preparation of Scooping and Line Route Report
  - Preparation ESIA deliverable reports (including RAP and ESMP for each of the 3 countries involved in the project).
  - Preparation of technical and economic feasibility reports
  - Workshops and trainings on deliverables.
- c) **Preparation of ESIA studies of the WAPP Median Interconnection.**
  - Preparation of the line route report
  - Preparation of E&S deliverables reports for Nigeria, Benin, Togo, Ghana and Cote d'Ivoire (including RAP and ESMP for each of the 5 countries).
  - Workshops and trainings on deliverables.

### **11.4. WP4: Institutional Strengthening and Capacity Building**

113. Although not included in the PDO or in the PDO and Intermediate Result Indicators, capacity building of individuals and institutions in the participating countries is an important aspect of RESPITE.

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<sup>9</sup> The panel of expert consist to a Dam specialist, a Geologist, an Environmental Specialist, a Hydrologist Specialist, a Health Specialist, an Electro-mechanical Specialist, a Hydropower Specialist. A Social specialist and others expert will be recruited to complete the panel when needed,

114. WP4 includes resources for capacity building activities for WAPP Secretariat staff and capacity building activities organized by the WAPP Secretariat for the PIUs and others.

115. Activities envisaged under WP4 to build capacity of WAPP Secretariat staff include: (i) individual training for WAPP Secretariat staff in Benin or outside Benin on subjects relevant to RESPITE implementation; (ii) participation of WAPP Secretariat staff in workshops and conferences; (iii) visits by WAPP Secretariat staff to relevant organizations and institutions; and (iv) organization of tailor made training courses for WAPP Secretariat staff (in principle in Benin) (selected other trainees may also participate).

116. Capacity of individuals and institutions will in particular be built on the job through learning by doing under the supervision or through mentoring by national or international experts. The capacity building of individuals is in particular directed towards PIU staff but may include other individuals as well. Capacity building of institutions is through consulting contracts for national firms and institutions and through formal training (lecturing and workshops) of institutions responsible for aspects related to the realization of the renewable energy facilities and associated transmission and distribution work.

#### **WAPP Secretariat Capacity Building Plan**

117. The WAPP Secretariat will articulate a Capacity Building plan with details, what capacity will be built, the reason for building that capacity, the person/position to be trained, the training to be provided, where the training is to be provided and the cost of providing that training. The WAPP Secretariat Capacity Building plan shall be submitted to the World Bank for review and its' No Objection prior its implementation.

118. Details on activities under WP4 shall also be provided in the AWPB and be based on the WAPP Secretariat Capacity Building Plan. This includes details on purpose of each WP4 activity and costing of the WP4 activity to be carried out in the coming year.

### **11.5. WP5: Project Management-WAPP part of RESPITE**

119. The activities envisaged under WP5 include the following:

- d) WAPP RITA/RESPITE implementation Team composed by WAPP 's staff and consultants hired to support project management as listed in the paragraph 103 above.
- e) Recruitment of external auditor (firm)
- f) Office operation including reporting to the World Bank and WAPP

### **12. WAPP RITA-RESPITE Budget**

120. The WAPP received an IDA Grant of 15,600,000 SDR which approximately equivalent to US\$ 20,000,000. The tentative allocation of the IDA Grant resources for the 5 Work Packages is provided in Table 9.

Table 9. WAPP RESPITE Use of Funds by Work Package

NB	Activity funded by RESPITE for WAPP	Estimated Cost (US\$)
<b>WP 1</b>	<b>Finalization and operationalization of the legal, regulatory and technical frameworks to enable efficient regional trade between WAPP countries</b>	<b>850 000</b>
1.1	Support to the preparation of commercial energy transaction.	546 500
1.2	Organization of Regional Workshops on Energy transactions and meetings of the Technical Committee for Commercial Transaction (CTTC) of North Core	303 500

<b>WP 2</b>	<b>Integration and Synchronization Project</b>	<b>5 062 201</b>
2.1	Design, Supply and Installation of SVC, SPS and PMUs (including DPL+ O&M+ Replacement of SHD equipment) - NR Electric Contract	752 201
2.2	Tuning of PSS, Field Testing and setting change of Governors and Synchronization of the WAPP Network_GE Contract	1 160 000
2.3	OEM Support to the Power Plants Testing	400 000
2.4	Owner's Engineer for Synchronization Project - Tractebel-CESI Contract	300 000
2.5	Post synchronization Study (series of thematic studies)	1 000 000
2.6	Technical Assistance to the Technical Working Groups	450 000
2.7	Synchro Task force and Technical Working Group Meetings	1 000 000
<b>WP 3</b>	<b>Preparation of priority regional project as per the WAPP Master Plan</b>	<b>11 501 161</b>
<b>3.1</b>	<b>Ghana Burkina Mali Interco – Feasibility &amp; ESIA Studies</b>	<b>1 500 000</b>
3.1.1	Consultant services for the preparation of FS & ESIA Studies (WSP Contract)	1 100 000
3.1.2	Workshop/meetings on deliverables (including contingency on contract is any)	400 000
<b>3.2</b>	<b>Median Core (Nigeria, Benin, Togo, Ghana and Côte d'Ivoire) – Feasibility Study and ESIA</b>	<b>4 200 000</b>
3.2.1	Consultant services for the preparation of the ESIA Studies (WSP Contract)	3 000 000
3.2.2	Workshop/meetings on deliverables (including contingency on contract is any)	1 200 000
<b>3.3</b>	<b>Liberia preparatory studies for priority hydro-solar generation investment projects:</b>	<b>5 801 161</b>
3.3.1	Feasibility & ESIA Studies of the Priority Hydropower Project on St-Paul/ (ARTELIA Contract)	2 000 000
3.3.2	Rehabilitation of the Access Road for SP2 project in Liberia (SSF Entrepreneur Inc Contract)	137 245
3.3.3	Geotech investigations for SP2 project in Liberia (AGTS-Senegal Contract)	1 012 215
3.3.4	Strategic Advisor to Support Hydropower Project Development/ (CASTALIA Contract)	260 000
3.3.5	Technical Assistance to Focal Point (phase 2)/ (SOFRECO Contract)	457 000
3.3.6	WAPP-Focal Team counterpart consultant in Liberia for PIP _ Contract Henry Joyson	443 345
3.3.7	Expenditure for Focal point, Trainings and Workshops for validating deliverables + Specific contingency for SP2 project	778 988
3.3.8	<b>International Panel of Experts</b>	<b>712 368</b>
3.3.8.1	Dam Specialist (Quentin Shaw)	62 192
3.3.8.2	Geologist (Danielle BATAGLIA)	89 000
3.3.8.3	Environmental Specialist (François Obein)	128 188
3.3.8.4	Hydrologist Specialist (Charly Cadou)	74 630
3.3.8.5	Health Specialist (Shubhendu Mudgal)	67 386
3.3.8.6	Electro-mechanical Specialist (Ugo Velicogna)	59 960
3.3.8.7	Social Expert	100 000
3.3.8.8	Hydropower Expert (Peter Rae)	131 012

<b>WP4</b>	<b>Capacity Building and Institutional Strengthening</b>	<b>350 000</b>
<b>WP5</b>	<b>Project Management and Coordination/ Operation</b>	<b>1 430 849</b>
5.1	Technical Coordinator (Liberia PIP + Median Core) _ Kanfor-Lare	273 849
5.2	Senior Procurement Specialist (Alois Ndoreré)	254 000
5.3	Environment Specialist (Sotelle Houessou)	219 000
5.4	Social Specialist	250 000
5.5	Gender Based Violence Specialist (TBC)	150 000
5.9	Financial Management Specialist/Accountant (Gaffar Bawa)	124 000
5.6	Financial Audit for the Project (External Auditor)	50 000
5.7	Office Operation including office Equipment & software	60 000
5.8	Bank Charges	50 000
	<b>UN-ALLOCATED (Contingency for delay, cost overruns and exchange rate fluctuations)</b>	<b>805 789</b>
	<b>TOTAL BUDGET</b>	<b>20 000 000</b>

121. It should be noted that the (i) Project Coordinator, (ii) Technical Coordinator for Synchronization project, (iii) Technical Coordinator for Ghana -Burkina-Mali interconnection project, (iv) Technical Coordinator for Energy Commercial Transactions, (v) Technical Coordinator/Power Expert and (vi) WAPP Accountant are WAPP staff, and the cost related are funded by WAPP.

### 13. Disbursement Projections

122. Disbursement Projections of the WAPP RITA RESPITE funds are provided in Table 10.

Table 10: WAPP RITA-RESPITE Disbursement Projections

NB	Activity funded bu RESPITE for WAPP- RITA Disbursement projections	Estimated Cost	2023	2024	2025
WP1	Finalization and operationalization of the legal, regulatory and technical frameworks to enable efficient regional trade between WAPP countries	850 000	-	258 025	591 975
1.1	Support to the preparation of commercial energy transaction.	546 500	-	136 625	409 875
1.2	Organization of Regional Workshop on Energy transactions and meetings of the North Core Technical Committee for Commercial Transaction (CTTC)	303 500	-	121 400	182 100
WP2	<b>Integration and Synchronization Project</b>	<b>5 062 201</b>	<b>2 835 485</b>	<b>1 708 316</b>	<b>518 400</b>
2.1	Design, Supply and Installation of SVC, SPS and PMUs -NR Electric Contract (including DPL+O&M+Replacement of SHD equipment)	752 201	502 201	304 201	
2.2	Tuning of PSS, Field Testing and setting change of Governors and Synchronization of the WAPP Network_GE Contract	1 160 000	1 095 000	420 000	
2.3	OEM Support to the Power Plants Testing	400 000	336 000	64 000	
2.4	Owner's Engineer for Synchronization Project - Tractebel-CESI Contract	300 000	150 000	131 600	18 400

2.5	Post synchronization Study (series of thematic studies)	1 000 000	-	500 000	500 000
2.6	Technical Assistance to the Technical Working Group	450 000	90 000	405 000	
2.7	Synchro Task force and Technical Working Group Meetings	1 000 000	662 284	665 000	-
<b>WP3</b>	<b>Preparation of WAPP Priority Projects</b>	<b>11 022 173</b>	<b>2 641 222</b>	<b>6 340 575</b>	<b>2 040 375</b>
<b>3.1</b>	<b>Preparatory Studies (Feasibility &amp; ESIAS) for the WAPP Regional Ghana-Burkina Mali Interconnection Project</b>	<b>1 500 000</b>	-	<b>655 680</b>	<b>844 320</b>
3.1.1	Consultant services for the preparation of FS & ESIA Studies (WSP Contract)	1 100 000	-	416 434	683 566
3.1.2	Workshop/meetings on deliverables (including contingency on contract is any)	400 000	-	239 246	160 754
<b>3.2</b>	<b>Line route and environmental and social impact assessment (ESIA) study for 330 kV WAPP double circuit Median Interconnection Project (Nigeria-Benin-Togo-Ghana-Côte d'Ivoire)</b>	<b>4 200 000</b>	<b>343 075</b>	<b>2 928 023</b>	<b>928 902</b>
3.2.1	Consultant services for the preparation of the ESIA Studies (WSP Contract)	3 000 000	-	2 200 000	800 000
3.2.2	Workshop/meetings on deliverables (including contingency on contract is any)	1 200 000	343 075	728 023	128 902
<b>3.3</b>	<b>Liberia preparatory studies for priority hydro-solar generation investment projects:</b>	<b>5 322 173</b>	<b>2 298 147</b>	<b>2 756 872</b>	<b>267 153</b>
3.3.1	Feasibility & ESIA Studies of the Priority Hydropower Project on St-Paul/ (ARTELIA Contract)	2 000 000	338 231	1 661 769	
3.3.2	Rehabilitation of the Access Road for SP2 project in Liberia (SSF Entrepreneur Inc Contract)	137 245	137 244		
3.3.3	Geotech investigations for SP2 project in Liberia (AGTS-Senegal Contract)	1 012 215	1 012 215		
3.3.4	Strategic Advisor to Support Hydropower Project Development/ (CASTALIA Contract)	260 000	-	124 815	135 185
3.3.5	Technical Assistance to Focal Point (phase 2)/ ( <i>SOFRECO Contract</i> )	457 000	178 200	146 832	131 968
3.3.6	WAPP-Focal Team counterpart consultant in Liberia for PIP _ Henry Joyson	443 345	166 446	276 899	-
3.3.7	Expenditure for Focal point, Trainings and Workshops for validating deliverables	300 000	198 652	101 348	
3.3.8	International Panel of Experts	712 368	267 159	445 209	-
<b>WP4</b>	<b>Capacity Building and Institutional Strengthening</b>	<b>350 000</b>	<b>251 473</b>	<b>98 527</b>	-
<b>WP5</b>	<b>Project Management and Coordination/ Operation</b>	<b>1 430 849</b>	<b>197 224</b>	<b>846 297</b>	<b>387 328</b>
5.1	Technical Coordinator (Liberia PIP + Median Core) _ Kanfor-Lare	273 849	82 164	115 320	76 365
5.2	Senior Procurement Specialist (Alois Ndorere)	254 000	40 800	167 900	45 300
5.3	Environmental Specialist (Sotelle Houessou)	219 000	34 000	141 100	43 900
5.4	Social Specialist	250 000		166 667	83 333
5.5	Gender Based Violence Specialist (TBC)	150 000		100 000	50 000
5.6	Financial Audit for the Project (External Auditor)	50 000	-	25 000	25 000
5.9	Financial Management Specialist/Accountant (Gaffar Bawa)	124 000	14 260	75 310	34 430
5.7	Office Operation including office Equipment & software	60 000	11 000	35 000	14 000
5.8	Bank Charges	50 000	15 000	20 000	15 000
	<b>UN-ALLOCATED</b>	<b>1 284 777</b>		<b>642 388</b>	<b>642 389</b>
	<b>TOTAL GENERAL PROJET</b>	<b>20 000 000</b>	<b>5 925 404</b>	<b>9 894 129</b>	<b>4 180 467</b>

## **14. World Bank Supervision**

123. The World Bank RESPITE supervision team will comprise the following staff:

- RESPITE Task Team Leader (TTL)
- RESPITE co Task Team Leader Regional (co-TTL Regional)
- RESPITE co Task Team Leader Liberia (co-TTL Liberia)
- RESPITE co Task Team Leader Sierra Leone (co-TTL Sierra Leone)
- RESPITE co Task Team Leader Chad (co-TTL Chad)
- RESPITE co Task Team Leader Togo (co-TTL Togo)
- RESPITE Procurement Expert
- RESPITE Environmental and Social Expert
- RESPITE Resettlement Expert
- RESPITE Financial Management Expert.

124. It is the intention to have every 6 months a formal supervision mission in which the relevant World Bank RESPITE supervision team members will visit the WAPP Secretariat. The basis for the supervision mission is the most recent Quarterly Project Report prepared by the WAPP RESPITE Team. Immediately after effectiveness the World Bank RESPITE supervision team will agree with the WAPP Secretariat a tentative supervision schedule.

125. About 30 months after effectiveness a Mid Term Review (MTR) will be organized. To prepare for the MTR the WAPP RESPITE Team shall prepare a WAPP RESPITE MTR Report. This report shall be submitted to the World Bank at least 2 weeks before commencement of the RESPITE MTR mission.

126. At the end of the project an Implementation Completion mission will be organized to evaluate the project and draw lessons from its implementation. During this mission the World Bank RESPITE supervision team will collect the required information to prepare the World Bank Implementation Completion Report (ICR). In preparation the WAPP RESPITE Team shall prepare a Implementation Completion Contribution Report and submit this report to the World Bank at least 1 month before the World Bank ICR mission. The content of the Implementation Completion Contribution Report shall be agreed between the World Bank and the WAPP RESPITE Team.

## **15. Planning**

127. The first version of the Project Implementation Manual (PIM) has been prepared before shortly after effectiveness of the WAPP part of RESPITE. The PIM is a live document that will be updated as and when needed. The WAPP Secretariat is responsible for keeping the PIM up to date and when needed revise the PIM and obtain World Bank No Objection on the revised PIM.

128. The PIM provides guidance to the WAPP Secretariat for implementing its parts of RESPITE. After effectiveness the WAPP RESPITE team shall prepare the Annual Work Plan and Budget providing implementation details for the upcoming year. The AWPB will cover a period from January 1 to December 31 of a given year. The WAPP RESPITE Team shall submit the AWPB for 2023 to the World Bank for No Objection on or before 31 May 2023.

## **16. Coordination**

129. RESPITE is a regional project and in order to benefit from regional knowledge and information it is important that the different Project Implementing Entities exchange information and coordinate their activities. For the WAPP Secretariat the first point of entry is the Regional Coordination Unit (RCU) established by SNE of Chad, LEC of Liberia, EDSA of Sierra Leone and AT2ER of Togo. To institutionalize coordination, the RCU Project Coordinator shall hold monthly telephone call with the RESPITE Project

Coordinator in the WAPP Secretariat for coordination purposes. Further, where relevant, the WAPP RESPITE Project Coordinator shall be invited to the quarterly coordination meetings organized by the RCU for the PIUs in Chad, Liberia, Sierra Leone and Togo.

130. The WAPP RESPITE Project Coordinator shall share with the RCU Project Coordinator any information relevant to the RCU or its members. The RCU shall take care of disseminating that information to its members. The RCU shall also collect from its members information that is relevant for the WAPP Secretariat and share this with the WAPP RESPITE Project Coordinator who will take care of dissemination in WAPP and among its members (where relevant).

## 17. Reporting

131. The WAPP Reporting obligations to the World Bank are summarized in Table 10.

Table 10. WAPP RESPITE Reporting obligations

#	Report	Deadline
1	WAPP Project Implementation Manual (PIM) (this document)	no later than sixty (60) days from the Effective Date
2	WAPP Project Procurement Strategy for Development (PPSD)	no later than thirty (30) days from the Effective Date
3	Quarterly Project Reports, covering the calendar quarter. including: <ul style="list-style-type: none"><li>o Project Status</li><li>o Progress by Component</li><li>o Challenges</li><li>o Staffing</li><li>o Budget (allocations, commitments, disbursements and unallocated)</li><li>o M&amp;E (including Results Framework)</li><li>o Procurement and Contract Management (status all contracts)</li><li>o Social</li><li>o Environment including reporting on Environmental and Social Commitment Plan (ESCP) compliance and implementation</li><li>o Gender Based Violence</li><li>o Grievance Mechanism</li><li>o Main activities next quarter</li><li>o Planning update</li></ul>	no later than forty-five days after the end of each calendar quarter
4	Annual Work Plan and Budget (AWPB)	no later than November 30 of each year
5	Semi-annual unaudited Interim Financial Report (IFR)	no later than 45 days after the end of the calendar semester
6	(Through auditor) Annual audit report and Management Letter	within six months after the end of each fiscal year
7	Mid Term Report (MTR)	at least 2 weeks before commencement of the RESPITE MTR mission.
8	Implementation Completion Contribution Report	at least 1 month before the World Bank ICR mission.

## 18.Legal Obligations

132. Table 11 provides the obligation of the WAPP Secretariat as specified in the IDA Financing Agreement signed between the WAPP and IDA. These obligations shall be monitored throughout the implementation period of RESPITE.

Table 11: Legal Obligations from Financing Agreement

#	Covenant	Remarks
1	International Development Association General Conditions for IDA Financing, Investment Project Financing, dated December 14, 2018 (revised on August 1, 2020, April 1, 2021, and January 1, 2022), with the modifications set forth in the Financial Agreement apply.	Article I.1.
2	WAPP part of RESPITE (Part IV.A) carried out by WAPP General Secretariat	Article III.1.
3	The WAPP Articles of Agreement or the EEP, as the case may be, have been amended, suspended, abrogated, supplemented, replaced, or waived so as to affect materially and adversely the ability of the Recipient to perform any of its obligations under this Agreement.	Article IV.1(a)
4	Effectiveness Deadline ninety days after the Signature Date of Financing Agreement	Article V.1.
5	WAPP shall maintain the General Secretariat adequately provided with financial resources and staffed throughout Project implementation with professional hired under terms of reference and with qualifications and experience satisfactory to the Association.	Schedule 2. Section I.A.1.
6	WAPP shall implement Part IV.A of the Project in accordance with the provisions of the WAPP Project Implementation Manual, and shall at all time maintain such manual in form and substance satisfactory to the Association.	Schedule 2. Section I.A.1.
7	WAPP shall prepare on an annual basis, by no later than November 30 of each year, commencing on January 1, 2023, an annual plan of activities under Part VI.A of the Project and ancillary budget and source of funding proposed for the next following Fiscal Year of Project implementation (the “Annual Work Plan & Budget”), which plan and budget shall be of such scope and detail as set forth in the WAPP Project Implementation Manual and/or as the Association shall reasonably request, and submit each such Annual Work Plan & Budget to the Association for its review and comments	Schedule 2. Section I.B (a) and (b)
8	WAPP shall ensure that Part IV.A of the Project is carried out in accordance with the Annual Work Plans & Budgets as agreed with the Association	Schedule 2. Section I.B (c)
9	WAPP shall ensure that the Project is carried out in accordance with the Environmental and Social Standards, in a manner acceptable to the Association	Schedule 2. Section I.C.1.
10	WAPP shall ensure that RESPITE is implemented in accordance with the Environmental and Social Commitment Plan (“ESCP”), in a manner acceptable to the Association.	Schedule 2. Section I.C.2. and 3.

#	Covenant	Remarks
	<ul style="list-style-type: none"> <li>(a) the measures and actions specified in the ESCP are implemented with due diligence and efficiency, as provided in the ESCP;</li> <li>(b) sufficient funds are available to cover the costs of implementing the ESCP;</li> <li>(c) policies and procedures are maintained, and qualified and experienced staff in adequate numbers are retained to implement the ESCP, as provided in the ESCP;</li> <li>(d) the ESCP, or any provision thereof, is not amended, repealed, suspended, or waived, except as the Association shall otherwise agree in writing, as specified in the ESCP, and ensure that the revised ESCP is disclosed promptly thereafter.</li> </ul> <p>In case of any inconsistencies between the ESCP and the provisions of this Agreement, the provisions of this Agreement shall prevail.</p>	
11	WAPP shall ensure that all measures necessary are taken to collect, compile, and furnish to the Association through regular reports, with the frequency specified in the ESCP, and promptly in a separate report or reports, if so requested by the Association, information on the status of compliance with the ESCP and the environmental and social instruments referred to therein, all such reports in form and substance acceptable to the Association, setting out, inter alia: (i) the status of implementation of the ESCP; (ii) conditions, if any, which interfere or threaten to interfere with the implementation of the ESCP; and (iii) corrective and preventive measures taken or required to be taken to address such conditions;	Schedule 2. Section I.C.4. (a)
12	The WAPP shall ensure that the Association is promptly notified of any incident or accident related to or having an impact on the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers, in accordance with the ESCP, the environmental and social instruments referenced therein and the Environmental and Social Standards.	Schedule 2. Section I.C.4. (b)
13	The WAPP shall establish, publicize, maintain and operate an accessible grievance mechanism, to receive and facilitate resolution of concerns and grievances of Project-affected people, and take all measures necessary and appropriate to resolve, or facilitate the resolution of, such concerns and grievances, in a manner acceptable to the Association.	Schedule 2. Section I.C.5.
14	The WAPP shall furnish to the Association each Project Report not later than forty-five days after the end of each calendar quarter, covering the calendar quarter.	Schedule 2. Section II.
15	No withdrawal shall be made for payments made prior to the Signature Date of the Financing Agreement.	Schedule 2. Section III.B.1.
16	The Closing Date is June 30, 2027.	Schedule 2. Section III.B.2.

#	Covenant	Remarks
17	No later than sixty (60) days from the Effective Date, the Recipient shall prepare and adopt the WAPP Project Implementation Manual, in form and substance satisfactory to the Association.	Schedule 2. Section IV.A.
18	No later than thirty (30) days from the Effective Date, the Recipient shall submit the Project Procurement Strategy for Development (PPSD) to the Association for its review and approval.	Schedule 2. Section IV.B.
19	No later than six months from the Effective Date, the Recipient shall recruit external auditors for Part IV.A of the Project, with qualifications and terms of reference satisfactory to the Association.	Schedule 2. Section IV.C.

## **Annex 1: AWPB Format and summary of the Draft 2023 AWPB for WAPP – RITA/ RESPITE**

The Annual Work Plan and Budget (AWPB) comprise a narrative and a series of Excel Tables.

The outline for the narrative should be in a form acceptable and agreed between the WAPP Secretariat and the World Bank and could involves the following:

1. Project Status (overall and by component)
2. Challenges
3. Main activities in the coming year
  - Description of activity
  - Estimated start date
  - Estimated completion date
  - Duration of activity (in months)
  - Person/Agency responsible
  - Estimated cost of activity
  - Further details on activity; and
  - Means of verification (evidence activity is undertaken, for instance an activity report)
4. Budget (allocations, commitments, disbursements and unallocated)
5. Staffing (adequacy of current staff, staff changes, additional staff, short term consultants to support staff, etc.)
6. Capacity Building
  - particulars of the training envisaged;
  - criteria for selection of the personnel to be trained, and such personnel, if known
  - selection method of the institution or individuals conducting such training
  - institution conducting such training, if known
  - the purpose and justification for such training
  - location and duration of the proposed training; and
  - estimate of the cost of such training.
7. M&E (including Results Framework) (current status and expected achievement by end AWPB period)
8. Procurement and Contract Management (activities related to existing contracts and contracts in preparation)
9. Social (specific activities related to social compliance and risk reduction)
10. Environment (specific activities related to environmental compliance and risk reduction)
11. Gender Based Violence (specific activities related to compliance and GBV prevention)
12. Grievance Redress Mechanism (any specific activities related to addressing grievances and to ensure that stake holders can easily express grievances)
13. Outreach (any specific activities to share relevant information with others)
14. Coordination (any specific activities related to coordination with RCU or others).

The RESPITE PIUs will receive from the RCU an example of a good AWPB. The Excel Tables required include the following:

1. Statement of Available Funds by Cost Category (see Financing Agreement for cost categories)
  - a. Total Amount by category
  - b. Committed Amount by category (committed means contract signed)
  - c. Disbursed by category
  - d. Undisbursed by category (= Total – Disbursed)
  - e. Allocated by Category (Allocated means earmarked but no contract signed yet)
  - f. Available to Allocate by category (= Total – Committed – Allocated)
2. Statement of Available Funds by Component and sub-Component (see ROM for components and sub-components)
  - a. Total Amount by Component and sub-Component
  - b. Committed Amount by Component and sub-Component (committed means contract signed)
  - c. Disbursed by Component and sub-Component
  - d. Undisbursed by Component and sub-Component (= Total – Disbursed)
  - e. Allocated by Component and sub-Component (Allocated means earmarked but no contract signed yet)
  - f. Available to Allocate by Component and sub-Component (= Total – Committed – Allocated)
3. AWPB for Works (by item and activities and by month)
  - a. By component
  - b. Description of Activities
  - c. Planning of implementation by week (standard 4 weeks per month)
4. AWPB for Goods (by item and activities and by month)
  - a. By component
  - b. Description of Activities
  - c. Planning of implementation by week (standard 4 weeks per month)
5. AWPB for Consultant Services (by item and activities and by month)
  - a. By component
  - b. Description of Activities
  - c. Planning of implementation by week (standard 4 weeks per month)
6. AWPB for Non-Consultant Services (by item and activities and by month)
  - a. By component
  - b. Description of Activities
  - c. Planning of implementation by week (standard 4 weeks per month)
7. AWPB for Training (by item and activities and by month)
  - a. By component
  - b. Description of Activities
  - c. Planning of implementation by week (standard 4 weeks per month)
8. Monthly Budget
  - a. By component and by cost category Description of Activities
  - b. Budget Estimate
  - c. Budget requirement by month
9. Quarterly Budget
  - a. By component and by cost category Description of Activities

- b. Timeline
- c. Budget Estimate
- d. Budget requirement by quarter

10. Annual Budget Disbursement Plan

- a. By Component and Cost Category Description of Activities
- b. Planned Output
- c. Responsible Party
- d. Timeline by month
- e. Budget Estimate
- f. Budget by Expense category
- g. Disbursement Method (Direct Payment or Designated Account)
- h. Source of Funds (IDA grant or IDA credit)
- i. Mode of Procurement (RFQ, QCBS, NCB, ICB, LCBS, CDS, RFP, RFB, LEC, CS-IND)
- j. Remarks

It should be noted that only those activities included in the draft Annual Work Plan and Budget shall be eligible for financing out of the RESPITE resources.

## Composite Budget Summary of the 2023 AWPB of WAPP RITA-RESPITE

CODE	REGIONAL EMERGENCY SOLAR POWER INTERVENTION PROJECT (RESPITE/ (P179267)	TOTAL ALLOCATED AMOUNT	2023 BUDGET	TIMELINE ( 16 April to 31 December 2023)			RESPONSIBLE/ OP. PILOT
	WAPP REGIONAL INTEGRATION AND TECHNICAL ASSISTANCE (RITA) _IDA E1500-3W			QUARTER 2	QUARTER 3	QUARTER 4	
	2023 ANNUAL WORK PROGRAMMME AND BUDGET			Initial Budget- 2023			
	2023 ACTIVITIES			April - June	July - September	October - December	Mariam
WP1	Finalization and operationalization of the legal, regulatory and technical frameworks to enable efficient regional trade between WAPP countries	850 000,00	-	-	-	-	
1.1	Support to the preparation of commercial energy transaction.	546 500	-				Kam Sie & AlassaneTiemtore
1.2	Organization of Regional Workshop on Energy transactions and meetings of the North Core Technical Committee for Commercial Transaction (CTTC)	303 500	-				
WP2	Integration and Synchronization Project	5 062 201	2 835 485	196 827	923 578	1 715 080	
2.1	Design, Supply and Installation of SVC, SPS and PMUs -NR Electric Contract (including DPL+ O&M + Replacement of SHD equipment)	752 201	502 201			502 201	Julius Abayatey
2.2	Tuning of PSS, Field Testing and setting change of Governors and Synchronization of the WAPP Network_GE Contrat	1 160 000	1 095 000		560 000	535 000	
2.3	OEM Support to the Power Plants Testing	400 000	336 000	36 000	36 000	264 000	
2.4	Owner's Engineer for Synchronisation Project - Tractebel-CESI Contract	300 000	150 000	50 000	50 000	50 000	
2.5	Post synchronization Study (series of thematic studies)	1 000 000	-				
2.6	Technical Assistance to WG	450 000	90 000			90 000	

2.7	<i>Synchro Task force and Technical Working Group Meetings</i>	1 000 000	662 284	110 827	277 578	273 879	
2.7.1	Meeting to review the 2nd Synchronization Trial between A2 and A3 and agree on permanent synchronization between A2-A3		123 385	71 000	52 385		
2.7.2	Meeting to discuss synchronization trial between A1 & A2-A3		109 485		72 990	36 495	
2.7.3	Meeting to discuss outcome of trial between A1& A2-A3 Synchronous Operation		125 008			125 008	
2.7.4	System Reliability Assessment Technical Working Group Meeting		79 653	39 827	39 827		
2.7.5	System Reliability Assessment Technical Working Group Meeting		80 065		40 032	40 032	
2.7.6	System Protection Coordination Technical Working Group Meeting		66 638		33 319	33 319	
2.7.7	Load Frequency Control Technical Working Group Meeting		78 049		39 025	39 025	
<b>WP3</b>	<b>Preparation of WAPP Priority Projects</b>	<b>11 022 173</b>	<b>2 641 222</b>	<b>946 410</b>	<b>1 036 256</b>	<b>658 556</b>	
<b>3.1</b>	<b>Preparatory Studies (Feasibility &amp; ESIA) for the WAPP Regional Ghana-Burkina Mali Interconnection Project</b>	<b>1 500 000</b>	-	-	-	-	
3.1.1	Consultant services for the preparation of FS & ESIA Studies (WSP Contract)	1 100 000	-				Ibrahim Soumana
3.1.2	Workshop/meetings on deliverables (including contingency on contract is any)	400 000	-				
<b>3.2</b>	<b>Line route and environmental and social impact assessment (ESIA) study for 330 kV WAPP double circuit Median Interconnection Project (Nigeria-Benin-Togo-Ghana-Côte d'Ivoire)</b>	<b>4 200 000</b>	<b>343 075</b>	<b>44 529</b>	<b>79 462</b>	<b>219 084</b>	
3.2.1	Consultant services for the preparation of the ESIA Studies (WSP Contract)	3 000 000	-	-	-	-	Kanfor-Lare
3.2.2	<b>Workshop/meetings on deliverables (including contingency on contract is any)</b>	<b>1 200 000</b>	<b>343 075</b>	<b>44 529</b>	<b>79 462</b>	<b>219 084</b>	
3.2.2.1	Meeting to review the Preliminary Report of the Feasibility Study		171 593		57 198	114 395	
3.2.2.2	Review Meeting of the Revised Preliminary Feasibility Study Report		65 435			65 435	
3.2.2.3	Review and adoption of the Draft Line Route Report		66 793	44 529	22 264		
3.2.2.4	Review and Adoption of the Draft ESIA Study Report - Ghana Part		8 832			8 832	
3.2.2.5	Review and Adoption of the Draft ESIA Study Report-Nigeria Part		8 958			8 958	

3.2.2.6	Review and Adoption of the Draft ESIA Study Report- Benin Part		3 550			3 550	
3.2.2.7	Review and Adoption of the Draft ESIA Study Report - Togo Part		8 958			8 958	
3.2.2.8	Review and Adoption of the Draft ESIA Study Report - Côte d'Ivoire Part		8 958			8 958	
<b>3.3</b>	<b>Liberia preparatory studies for priority hydro-solar generation investment projects:</b>	<b>5 322 173</b>	<b>2 298 147</b>	<b>901 882</b>	<b>956 794</b>	<b>439 472</b>	
3.3.1	Feasibility & ESIA Studies of the Priority Hydropower Project on St-Paul/ (ARTELIA Contract)	2 000 000	338 231	-	338 231	-	Kanfor-Lare & Mariam
3.3.2	Rehabilitation of the Access Road for SP2 project in Liberia (SSF Entrepreneur Inc Contract)	137 245	137 244	-	86 660	50 584	
3.3.3	Geotech investigations for SP2 project in Liberia (AGTS-Senegal Contract)	1 012 215	1 012 215	708 551	253 054	50 611	
3.3.4	Strategic Advisor to Support Hydropower Project Development/ (CASTALIA Contract)	260 000	-	-	-	-	
3.3.5	Technical Assistance to Focal Point (phase 2)/(SOFRECO Contract)	457 000	178 200	49 000	52 000	77 200	
5.1	WAPP-Focal Team counterpart consultant in Liberia for PIP _ Henry Joyson	443 345	166 446	55 482	55 482	55 482	
3.3.6	<b><i>Expenditure for Focal point, Trainings and Workshops for validating deliverables</i></b>	<b>300 000</b>	<b>198 652</b>	<b>34 000</b>	<b>157 173</b>	<b>7 479</b>	
3.3.6.1	Supervision Mission on SP2 project		10 459	10 459			Kanfor-Lare
3.3.6.2	Study Tour in Ghana on Electricity tariff setting and bill recovery strategies		55 380	34 000	21 380		
3.3.6.3	Study tour to Vietnam on hydropower Cascade Scheme operation and electricity sector management		135 793		135 793		
3.3.6.4	FS of the SP2 HPP Draft Report validation workshop		7 479			7 479	
<b>3.3.7</b>	<b><i>International Panel of Experts</i></b>	<b>712 368</b>	<b>267 159</b>	<b>54 849</b>	<b>14 194</b>	<b>198 116</b>	
3.3.7.1	Dam Specialist (Quentin Shaw)	62 192	48 480	8 456	5 394	34 630	Kanfor-Lare
3.3.7.2	Geologist (Danielle BATAGLIA)	89 000	53 484	16 292	8 800	28 392	
3.3.7.3	Environmental Specialist (François Obein)	128 188	26 138	16 350	-	9 788	
3.3.7.4	Hydrologist Specialist (Charly Cadou)	74 630	41 667	7 365	-	34 302	
3.3.7.5	Health Specialist (Shubhendu Mudgal)	67 386	25 442	6 386	-	19 056	

3.3.7.6	Electro-mechanical Specialist (Ugo Velicogna)	59 960	30 448	-	-	30 448	
3.3.7.7	Social Expert	100 000	6 500			6 500	
3.3.7.8	Hydropower Expert	131 012	35 000			35 000	
<b>WP4</b>	<b>Capacity Building and Institutional Strengthening</b>	<b>350 000</b>	<b>251 473</b>	<b>9 145</b>	<b>137 742</b>	<b>104 586</b>	<b>-</b>
4.1.1	Training on "New World Bank and IDB Procurement Framework".		9 145	9 145			Mariam
4.1.2	Training on TOMPRO Sofware		99 468		66 312	33 156	
4.1.3	Gestion des contrats : planification et suivi de l'exécution		142 860		71 430	71 430	
<b>WP5</b>	<b>Project Management and Coordination</b>	<b>1 430 849</b>	<b>197 224</b>	<b>39 388</b>	<b>32 388</b>	<b>125 448</b>	
5.2	Technical Coordinator (Liberia PIP + Median Core) _ Kanfor-Lare	273 849	82 164	29 388	26 388	26 388	
5.3	Senior Procurement Specialist (Alois Ndoréré)	254 000	40 800			40 800	
5.4	Environment Specialist (Sotelle Houessou)	219 000	34 000			34 000	
5.5	Social Specialist	250 000	-				
5.6	Gender Based Violence Specialist (TBC)	150 000	-				
5.10	Project Accountant	124 000	14 260			14 260	
5.7	Financial Audit for the Project (External Auditor)	50 000	-				Gaffar & Casimir
5.8	Office Operation including office equipement & software and other project management costs	60 000	11 000	5 000	1 000	5 000	Mariam
5.9	Bank Charges	50 000	15 000	5 000	5 000	5 000	
	<b>UN-ALLOCATED</b>	<b>1 284 777</b>					
	<b>TOTAL GENERAL PROJET</b>	<b>20 000 000</b>	<b>5 925 404</b>	<b>1 191 770</b>	<b>2 129 963</b>	<b>2 603 671</b>	Mariam

## Annex 2: DFIL Schedule 1 (Disbursement Provisions)

<b>A. Basic Information</b>								
Grant Number	E1500-3W	Country	West African Power Pool	Closing Date	Section III.B.2. of Schedule 2 to the Financing Agreement			
		Recipient	West African Power Pool					
		Name of the Project	Regional Emergency Solar Power Intervention Project	Disbursement Deadline Date	Four (4) months after the closing date			
<b>B. Disbursement Methods and Supporting Documentation</b>								
<b>Disbursement Methods</b>		<b>Methods</b>	<b>Supporting Documentation</b>					
Direct Payment		Yes	Copy of Documents					
Reimbursement		Yes	Statement of Expenditure, in the format provided in Attachment 2 of the DFIL					
Advance (into a Designated Account)		Yes	Statement of Expenditure, in the format provided in Attachment 2 of the DFIL					
Special Commitments		Yes	Copy of Letter of Credit					
<b>C. Designated Account</b>								
Type and Management Unit	Segregated - managed by WAPP Secretariat			Ceiling	Fixed			
Financial Institution - Name	Ecobank Benin			Currency	USD			
Frequency of Reporting	Monthly			Amount	1.2 million			
<b>D. Minimum Value of Applications</b>								
The minimum value of applications for Direct Payment, Reimbursement and Commitment Issuance-SC is equal to 20 percent of the DA ceiling .								
<b>E. Authorized Signatures</b>								
<i>Withdrawal and Documentation Application</i>								
The form for Authorized Signatory Letter is provided in Attachment 1 of this letter.								
All Applications and its supporting documentation, and Authorized Signatory Letter will be electronically sent via the Bank's system "Client Connection".								
<b>F. Additional Information</b>								
Funds from the Designated Account may be transferred to a transaction account in a commercial bank acceptable to the Association, in local currency to meet eligible expenditures, provided that transactions and balances in these accounts are included in all project financial reports.								

## Annex 3. Financial Reporting

### SOURCES AND USES OF FUNDS STATEMENT

#### Sources and Uses of Funds Statement

Quarter Ended:  
United States Dollars (USD)

	Quarter Ended:			Year to date			Cumulative			Forecast - Next 6 Months
	Planned	Actual	Variance	Planned	Actual	Variance	Planned	Actual	Variance	
	1	2	3 (1 - 2)	4	5	6 (4 - 5)	7	8	9 (7 - 8)	10
Sources of Funds										
<b>Opening Cash Balance</b>										
<b>Add: Sources of Funds</b>										
<b>Less: Uses of Funds by Component</b>										
Component 1										
Component 2										
Component 3										
Component 4										
<b>Total Expenditures</b>										
<b>Cash Available Less Expenditures</b>										
<b>Closing Cash Balances</b>										
<b>Total closing Cash Balances</b>										

## SOURCES AND USES OF FUNDS STATEMENT BY CATEGORY

**Sources and Uses of Funds Statement By Categories**  
**Quarter Ended:**  
**United States Dollars (USD)**

	Quarter Ended:			Year to date			Cumulative			Forecast - Next 6 Months
	Planned	Actual	Variance	Planned	Actual	Variance	Planned	Actual	Variance	
	1	2	3 (1 - 2)	4	5	6 (4 - 5)	7	8	9 (7 - 8)	
Sources of Funds										
<b>Opening Cash Balance</b>										
<b>Total</b>										
Add: Sources of Funds										
<b>Sub - Total</b>										
<b>Total Financing</b>										
Less: Uses of Funds by Categories										
Category 1										
Category 2										
Category 3										
Category 4										
Category 5										
Category 6										
Category 7										
Category 8										
Category 9										
Category 10										
<b>Total Expenditures</b>										
<b>Cash Available Less Expenditures</b>										
<b>Closing Cash Balances</b>										
<b>Total closing Cash Balances</b>										

## CONTRACT STATUS STATEMENT

**Contract Status Statement**  
**Quarter Ended:**  
**United States Dollars (USD)**

Item No.	Contract Description	Contract Amount	Contractor's Name	Date of Expiration	State of Completion	Payments To Date Amount	Outstanding Commitment Amount	Retention Amount	Source of Funding
		\$				\$	\$	\$	

## SCHEDULE OF FIXED ASSETS

**Schedule of Fixed Assets**  
**Quarter Ended:**  
**United States Dollars (USD)**

Date of Receipt	Asset Type	Asset Description	Asset Value/Cost	Identification Number	Asset Location	Assignee	Source of Funding

## SCHEDULE OF FUNDS WITHDRAWAL

**Schedule of Fund Withdrawals**

Date	Application Ref.	Application Amount	Mode of Disbursement	Fund Source
		\$		

## DESIGNATED ACCOUNT ACTIVITY STATEMENT

### DESIGNATED ACCOUNT (DA) ACTIVITY STATEMENT Quarter Ended: United States Dollars (USD)

Designated Account (DA) Activity Statement for the quarter ended .....		
20XX		
Project Name:		
IDA Credit No:		
Deposit Bank:		
Currency of DA		
<b>PART 1</b>		
1. Cumulative advances to end of current reporting period		
2. Cumulative expenditures to end of last reporting period		
3. Outstanding Advance to be accounted		
<b>PART 11</b>		
4. Opening DA balance at beginning of reporting period( as of 1st April 2013		
5. Add: cumulative adjustments (opening project Account Balance) & Advance to other implementing Agency		
6. Advances from World Bank during reporting period		
7. Add Lines 5 & 6		
8. Outstanding advances to be accounted for (line 4+ line 7)		
9. Closing DA balance at end of current reporting period		
10. Add: Cumulative adjustments (Closing Project A/c balance and Advances to Other Agency at the end of the current Period		
11. Expenditures for current reporting period		
12. Add line 10 & 11		
13. Add line 9 & 12		
14. Difference (if any) (line 8 minus line 13)		
<b>PART 111</b>		
15. Total forecasted amount to be paid by world Bank		
16. Less: Closing DA balance after adjustments, Project A/c balance & Advances to Other Agency	-	
17. Direct Payments/ SC Payments	-	
18. Add lines 16 & 17		
19. Cash requirements from World Bank for next two reporting period (lines 15 minus line18)		

**Annex 4. WAPP ESCP**



**West African Power Pool (WAPP)**

**Regional Emergency Solar Power Intervention Project  
(RESPITE) - P179267**

**Negotiated Version**

**ENVIRONMENTAL AND SOCIAL  
COMMITMENT PLAN (ESCP)**

**22 November 2022**

## **ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN**

1. The West African Power Pool (WAPP) (the Recipient) shall implement the Regional Emergency Solar Power Intervention Project (the Project) as set out in the Financing Agreement. The International Development Association (the Association) has agreed to provide financing for the Project, as set out in the referred agreement.
2. The Recipient shall ensure that the Project is carried out in accordance with the Environmental and Social Standards (ESSs) and this Environmental and Social Commitment Plan (ESCP), in a manner acceptable to the Association. The ESCP is a part of the Financing Agreement. Unless otherwise defined in this ESCP, capitalized terms used in this ESCP have the meanings ascribed to them in the referred agreement.
3. Without limitation to the foregoing, this ESCP sets out material measures and actions that the Recipient shall carry out or cause to be carried out, including, as applicable, the timeframes of the actions and measures, institutional, staffing, training, monitoring and reporting arrangements, and grievance management. The ESCP also sets out the environmental and social (E&S) instruments that shall be adopted and implemented under the Project, all of which shall be subject to prior consultation and disclosure, consistent with the ESS, and in form and substance, and in a manner acceptable to the Association. Once adopted, said E&S instruments may be revised from time to time with prior written agreement by the Association.
4. As agreed by the Association and the Recipient, this ESCP will be revised from time to time if necessary, during Project implementation, to reflect adaptive management of Project changes and unforeseen circumstances or in response to Project performance. In such circumstances, the Recipient and the Association agree to update the ESCP to reflect these changes through an exchange of letters signed between the Association and the Recipient through the Secretary General of the WAPP. The Recipient shall promptly disclose the updated ESCP.

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
<b>MONITORING AND REPORTING</b>			
A	<b>MONITORING AND REPORTING</b> <b>REGULAR REPORTING</b> Prepare and submit to the Association regular monitoring reports on the environmental, social, health and safety (ESHS) performance of the Project, including but not limited to the implementation of the ESCP, status of preparation and implementation of E&S instruments required under the ESCP, stakeholder engagement activities, functioning of the grievance mechanisms and capacity building activities.	Submit quarterly reports to the Association throughout Project implementation, commencing not later than 90 days after the Effective Date. Submit each report to the Association not later than seven (7) days after the end of each reporting period.	PIU
B	<b>INCIDENTS AND ACCIDENTS</b> Promptly notify the Association of any incident or accident related to the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers, including, inter alia, cases of sexual exploitation and abuse (SEA), sexual harassment (SH), and accidents that result in death, serious or multiple injury. Provide sufficient detail regarding the scope, severity, and possible causes of the incident or accident, indicating immediate measures taken or that are planned to be taken to address it, and any information provided by any contractor and/or supervising firm, as appropriate. Subsequently, at the Association's request, prepare a report on the incident or accident and propose any measures to address it and prevent its recurrence. A standard incident/accident notification form shall be sent by the Recipient to all subcontractors and suppliers. This form shall not apply to incidents of SEA/SH in which case any notification of an incident of SEA/SH shall follow the information sharing protocol to respect the safety of the survivor and the principle of confidentiality (shared information shall only include the date of receipt of the incident; date of the incident; type of SEA/SH as reported; age/sex of the survivor; whether, to the best of the complainant's knowledge, the alleged perpetrator is associated with the Project; and if the survivor was referred to services).	Notify the Association not later than 48 hours after learning of the incident or accident, and within 24 hours in case of a fatality or SEA/SH. Provide subsequent report to the Association within a timeframe acceptable to the Association.	PIU
<b>ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS</b>			
1.1	<b>ORGANIZATIONAL STRUCTURE</b> Establish and maintain a Project Implementing Unit that is tasked with ESHS management, with qualified staff and resources to support management of ESHS risks and impacts of the Project including one environmental specialist, one social	Establish and maintain the PIU as set out in the Financing Agreement, hire and recruit one environmental specialist, one social specialist and one GBV consultant within two months of	WAPP

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
	specialist, and one GBV consultant. The terms of reference for these positions and qualifications shall be reviewed by the Association and subject to the Association's No Objection. Additional consultants may be hired by the PIU during implementation as capacity needs require.	Effective Date, and thereafter maintain these positions throughout Project implementation.	
1.2	<b>ENVIRONMENTAL AND SOCIAL INSTRUMENTS</b> Prepare, disclose, consult upon, adopt and implement a simplified Environmental and Social Management Plan (ESMP) for activities under Component 4.A of the Project, consistent with the relevant ESSs.	Prepare, disclose, consult upon, and adopt a Simplified ESMP not later than three months after the Effective Date, and thereafter implement the ESMP throughout Project implementation.	PIU
1.3	<b>MANAGEMENT OF CONTRACTORS</b> Incorporate the relevant aspects of the ESCP, including, inter alia, the relevant E&S instruments, the Labor Management Procedures, and code of conduct, into the ESHS specifications of the procurement documents and contracts with contractors and supervising firms. Thereafter ensure that the contractors and supervising firms comply and cause subcontractors to comply with the ESHS specifications of their respective contracts.	As part of the preparation of bidding documents for the respective contracts. Supervise contractors throughout Project implementation.	PIU
1.4	<b>TECHNICAL ASSISTANCE</b> Ensure that the consultancies, studies (which include feasibility studies, ESIAs/ESMPs, RAPs, transmission line routing reports), preparation of bidding documents (subcomponent 4d(i and iv)), capacity building, training, and any other technical assistance activities under the Project, including, under subcomponent 4b(ii and iii) are carried out in accordance with terms of reference acceptable to the Association, consistent with the ESSs. Instruments which are already underway shall be revised to meet requirements under the ESF. Thereafter ensure that the outputs of such activities comply with the terms of reference.	Throughout Project implementation.	PIU
<b>ESS 2: LABOR AND WORKING CONDITIONS</b>			
2.1	<b>LABOR MANAGEMENT PROCEDURES</b> Prepare, disclose, consult upon, adopt and implement the Labor Management Procedures (LMP) for the Project, including, inter alia, provisions on working conditions, management of workers relationships, occupational health and safety (including personal protective equipment, and emergency preparedness and response), code of conduct (including relating to SEA and SH), forced labor, child labor, grievance arrangements for Project workers, and applicable requirements for contractors, subcontractors, and supervising firms.	Prepare, disclose, consult upon, and adopt the LMP prior to engaging Project workers and not later than 60 days after the Effective Date, and thereafter implement the LMP throughout Project implementation.	PIU

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
2.2	<b>GRIEVANCE MECHANISM FOR PROJECT WORKERS</b> Establish and operate a grievance mechanism for Project workers, as described in the LMP and consistent with ESS2.	Establish the grievance mechanism prior to engaging Project workers and not later than 60 days after the Effective Date, thereafter, maintain and operate it throughout Project implementation.	PIU
<b>ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</b>			
3.1	<b>WASTE MANAGEMENT PLAN</b> Prepare, disclose, consult upon, adopt and implement a Waste Management Plan (WMP) as part of the ESMP (prepared under action 1.2 above) to manage hazardous and non-hazardous wastes, consistent with ESS3.	Same timeframe as for the adoption and implementation of the ESMP under action 1.2 above.	PIU
3.2	<b>RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</b> Incorporate resource efficiency and pollution prevention and management measures in the ESMP to be prepared under action 1.2 above, consistent with ESS3.	Same timeframe as for the adoption and implementation of the ESMP under action 1.2 above.	PIU
<b>ESS 4: COMMUNITY HEALTH AND SAFETY</b>			
4.1	<b>TRAFFIC AND ROAD SAFETY</b> Incorporate measures to manage traffic and road safety risks as required in the ESMP to be prepared under action 1.2 above, consistent with ESS4.	Same timeframe as for the adoption and implementation of the ESMP under action 1.2 above.	PIU
4.2	<b>COMMUNITY HEALTH AND SAFETY</b> Assess and manage specific risks and impacts to the community arising from Project activities including, inter alia response to emergency situations, SEA/SH risks, transmission of communicable diseases, social cohesion risks, etc., and include mitigation measures in the ESMP to be prepared under action 1.2 above.	Same timeframe as for the adoption and implementation of the ESMP under action 1.2 above.	PIU
4.3	<b>SEA AND SH RISKS</b> Adopt and implement SEA/SH mitigation measures as part of the ESMP, to assess and manage the risks of SEA and SH, consistent with ESS4.	Adopt the SEA/SH mitigation measures as part of the ESMP, and thereafter implement the SEA/SH mitigation measures throughout Project implementation.	PIU
4.4	<b>SECURITY MANAGEMENT</b> Assess and implement measures to manage the security risks of the Project, including the risks of engaging security personnel to safeguard project workers, sites, assets, and activities, as set out in the ESMP, guided by the principles of proportionality and GIIP, and by applicable law, in relation to hiring, rules of conduct, training, equipping, and monitoring of such personnel. Prepare a security risk assessment (SRA) for TA activities located in countries affected by conflict and insecurity such as Mali, Burkina Faso, Togo, Nigeria and	Adopt security risk measures as identified in the ESMP, and thereafter implemented throughout Project implementation. Prepare security risk assessments within the same time frame as ESMPs under action 1.2.	PIU

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
Niger and systematically identify potential security risks for project workers, assets and activities as well as for communities affected by the project.			
<b>ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT</b>			
This standard is not relevant at this stage.			
<b>ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES</b>			
This standard is not relevant at this stage.			
<b>ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES</b>			
This standard is not relevant at this stage.			
<b>ESS 8: CULTURAL HERITAGE</b>			
This standard is not relevant at this stage.			
<b>ESS 9: FINANCIAL INTERMEDIARIES</b>			
This standard is not relevant at this stage.			
<b>ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE</b>			
10.1	<b>STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION</b>  Prepare, disclose, consult upon, adopt and implement a Stakeholder Engagement Plan (SEP) for the Project, consistent with ESS10, which shall include measures to, inter alia, provide stakeholders with timely, relevant, understandable and accessible information, and consult with them in a culturally appropriate manner, which is free of manipulation, interference, coercion, discrimination and intimidation.	The draft SEP was disclosed on November 18, 2022.  Consult upon, update, and redisclose the SEP not later than 60 days after the Effective Date and thereafter implement the SEP throughout Project implementation.	PIU
10.2	<b>PROJECT GRIEVANCE MECHANISM</b>  Establish, publicize, maintain, and operate an accessible grievance mechanism, to receive and facilitate resolution of concerns and grievances in relation to the Project, promptly and effectively, in a transparent manner that is culturally appropriate and readily accessible to all Project-affected parties, at no cost and without retribution, including concerns and grievances filed anonymously, in a manner consistent with ESS10.  The grievance mechanism shall be equipped to receive, register, and facilitate the resolution of SEA/SH complaints, including through the referral of survivors to relevant gender-based violence service providers, all in a safe, confidential, and survivor-centered manner.	Submit to the Association an updated Grievance Mechanism for approval within 30 days of Project Effective Date.  Establish the grievance mechanism not later than 60 days after the Effective Date, and thereafter maintain and operate the mechanism throughout Project implementation.	PIU
<b>CAPACITY SUPPORT</b>			
CS1	Training for PIU staff, stakeholders, communities, Project workers, consultants on: • Stakeholder mapping and inclusive stakeholder engagement (and monitoring of SEP) • Labor Management Procedures	Throughout Project Implementation.	PIU

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
	<ul style="list-style-type: none"> <li>• ESF requirements (ESS1-10)</li> <li>• Good practices in grievance management and record keeping, including SEA/SH-GM</li> <li>• Management and monitoring of risks identified in the ESMP</li> <li>• Emergency preparedness and response</li> <li>• E&amp;S documentation and reporting</li> <li>• Community health and safety including SEA/SH risks and mitigation measures</li> <li>• Good practices in preparation ESIAs and RAPs in line with the ESF</li> <li>• Information disclosure</li> </ul>		
CS2	Training for Project workers on occupational health and safety including on emergency prevention and preparedness and response arrangements to emergency situations, in conflict/insecure areas.	Throughout Project Implementation	PIU Contractors Service Providers

## Annex 5. World Bank's Anti-Corruption Guidelines

### SECTION I - PURPOSE AND APPLICATION

1. This Policy governs the World Bank Group Sanctions System.
2. This Policy applies to the Bank, IFC and MIGA.

### SECTION II – DEFINITIONS

As used in this Policy, the following capitalized terms have the meanings set out below:

- a. **Bank:** IBRD and IDA.
- b. **Board:** the Executive Directors of IBRD, IDA, IFC or the Directors of MIGA, or all of them, as applicable.
- c. **EO:** the Evaluation Officers of IFC or MIGA, or, the Evaluation Officer for Bank guarantee and certain carbon finance projects, as applicable.
- d. **IBRD:** International Bank for Reconstruction and Development.
- e. **ICO:** the Integrity Compliance Officer(s) of the World Bank Group.
- f. **IDA:** International Development Association.
- g. **IFC:** International Finance Corporation.
- h. **INT:** the Integrity Vice Presidency of the World Bank Group.
- i. **Management:** the President, a Managing Director, an Executive Vice President, some or all of these persons, or the person to whom they delegate the relevant responsibilities, as applicable.
- j. **MIGA:** Multilateral Investment Guarantee Agency.
- k. **President:** the President of the World Bank Group. Respondent: an entity or individual alleged to have engaged in a Sanctionable Practice. In cases involving more than one such entity or individual, the term "Respondent" refers, individually and collectively, to all such entities and individuals.
- l. **Sanctionable Practice:** (i) collectively and individually, corrupt practice, fraudulent practice, collusive practice, coercive practice and obstructive practice, as such practices may be defined in the legal agreements or other documents governing the WBG operation, including any relevant instrument prepared thereunder, in connection with which such practices may occur; and (ii) specific and limited violations of procedures in connection with the Sanctions System as the Board may determine.
- m. **Sanction:** any measure established by the World Bank Group to be imposed by the relevant officer of the Sanctions System on a party found culpable of, or responsible for, a Sanctionable Practice.
- n. **Sanctions Board:** the World Bank Group Sanctions Board.
- o. **Sanctions System:** the units established by the World Bank Group for presenting and adjudicating allegations of Sanctionable Practices, and imposing Sanctions therefor, including (without limitation) the Sanctions Board, the SDO and the EOs, and INT.
- p. **SDO:** the Suspension and Debarment Officer of the Bank.
- q. **World Bank Group or WBG:** IBRD, IDA, IFC and MIGA.

### **SECTION III - SCOPE**

#### **A. OBJECTIVES OF THE SANCTIONS SYSTEM**

1. The objectives of the Sanctions System are to help protect the integrity of WBG operations and ensure that the proceeds of WBG financing are used only for the purposes intended.
2. Sanctions serve to create both negative incentives to discourage the sanctioned party and others from engaging in future Sanctionable Practices and positive incentives to encourage prevention, remediation and rehabilitation. Possible sanctions include debarment, which contributes to the objectives set forth in paragraph 1 above by excluding parties that have engaged in Sanctionable Practices or are responsible therefor from access to WBG financing, including support through guarantees.
3. Sanctions are intended to deter but not to punish. Sanctions are not intended to replace criminal, civil or administrative measures by national authorities or other forms of legal recourse or remedy.
4. All decisions and actions taken by the officers and representatives of the Sanctions System in regard to the presentation and the adjudication of allegations of Sanctionable Practices, and imposition of Sanctions therefor, are guided by the foregoing objectives.

#### **B. PRINCIPLES GOVERNING THE SANCTIONS SYSTEM**

1. **Investigations;** Sanctions Proceedings. Sanctions may be imposed after diligent and impartial inquiry into the facts by INT, and after affording the Respondent with due process through proceedings that include the meaningful opportunity for the Respondent to be heard by the SDO or the relevant EO, and, if the Respondent so elects, by the Sanctions Board, including through a hearing. Decisions of the Sanctions Board are final and not subject to appeal. A sanctioned party's compliance with any conditions imposed in connection with a Sanction is determined by the ICO. The SDO, or relevant EO, as applicable, may temporarily suspend the Respondent from eligibility for access to WBG financing, including support through guarantees, pending the outcome of such proceedings.
2. **Independence.** The SDO, the EOs, the ICO, and each member of the Sanctions Board consider each case in the Sanctions System impartially and solely on its merits, and do not answer to or take instructions from Management, members of the Board, member governments, Respondents, or any other entity or individual. All officers and representatives of the Sanctions System exercise their independent judgment in carrying out their respective roles and responsibilities in accordance with the relevant policies, directives and procedures of the World Bank Group, including (without limitation) this Policy and the related directives and procedures, and with due regard to the related guidance issued by Management and such legal advice as may be provided by the World Bank Group General Counsel or, with respect to IFC or MIGA, by their respective General Counsels. In providing legal advice to the SDO, the relevant EO, or the Sanctions Board in connection with issues arising out of a particular case in the Sanctions System, the relevant General Counsels refrain from expressing any opinion as to the outcome of the case or on the weight or credibility of the evidence.
3. **Standard of Proof.** Sanctions are imposed through sanctions proceedings only if the SDO, the relevant EO or the Sanctions Board, as the case may be, after considering the whole of the

evidentiary record provided to them, determines that it is more likely than not that the sanctioned party has engaged in, or bears responsibility for, a Sanctionable Practice.

4. **Sanctioned Party.** Sanctions may also be imposed on affiliates of the Respondent, where necessary, for the purpose of preventing circumvention of the Sanctions System.
5. **Settlements.** In lieu of sanctions proceedings, the WBG may agree with a Respondent or other party that controls the Respondent on an appropriate Sanction and related terms and conditions governing the resolution of the case, subject to appropriate checks and balances in decision-making and within such guidelines as Management may establish from time to time in accordance with this Policy.
6. **Voluntary Disclosure.** The WBG may agree with entities and individuals to lessen Sanctions in exchange for voluntary disclosure of past Sanctionable Practices, on such terms and conditions as Management may establish from time to time in accordance with this Policy.
7. **Cross-Debarment.** The WBG may recognize and enforce the debarment decisions of other multilateral development banks in accordance with the Agreement for Mutual Enforcement of Debarment Decisions dated April 9, 2010 (as it may be amended, supplemented or otherwise revised with Board approval from time to time). The Board may, from time to time, authorize the addition of a particular multilateral development bank to the existing list of multilateral development banks whose debarment decisions the Bank generally recognizes for cross debarment. Management decides whether the WBG will recognize and enforce in respect of each particular debarment decision of such multilateral development banks in accordance with such Agreement. The Sanctions System may also entertain sanctions proceedings based on referrals of debarment decisions relating to fraud and corruption in connection with WBG corporate procurement.
8. **Statute of Limitations.** In the interests of efficiency, fairness and legal certainty, Management establishes reasonable time limits, not exceeding ten (10) years from the last day of contract execution or the last constituent act or element of the Sanctionable Practice within which sanctions proceedings must commence.
9. **Transparency.** The Sanctions System strives to ensure transparency for Respondents, other sanctioned parties and the general public, while protecting the integrity of the investigatory and adjudicatory processes, which are confidential and not open to the public. In furtherance of this principle, the names of sanctioned parties, the Sanctions imposed and the grounds therefor are publicly disclosed. The decisions of the SDO, the relevant EO, and of the Sanctions Board, are also publicly disclosed.

## C. THE RANGE AND NATURE OF SANCTIONS

10. **Range of Sanctions.** Possible sanctions are: debarment for a definite or indefinite period, debarment with conditional release, conditional non-debarment, restitution (financial or otherwise), and reprimand, or any combination thereof.
11. **Proportionality.** Sanctions are proportionate in both nature and scope to the Sanctionable Practice for which they are imposed and the culpability or responsibility of the sanctioned party for such Sanctionable Practice, with due consideration of such mitigating and aggravating factors as Management may set out in applicable guidance.

## **Annex 6. Short Form PPSD Template**

### **PPSD Short Form Template**

#### **1 Project Overview**

Completion of the template should focus on describing the details of each of the higher value / risk contracts identified through the application of Supply Positioning as described in the PPSD Preparation and Project Cycle Section of the PPSD Guidance Note. All similar contracts, having similar approaches should be consolidated and described under one heading.

<b>Country:</b>	
<b>Full Project Name:</b>	
<b>Total Finance (\$):</b>	
<b>Project Number:</b>	
<b>Summary of Project Development Objectives</b>	

For each key contract detail a short one-line summary of the requirement including the cost estimate.

#### **2 Overview of Country, Borrower and Marketplace**

##### **a. Operational Context**

- Governance aspects
- Economic Aspects
- Sustainability Aspects
- Technological Aspects

##### **Key Conclusions**

##### **b. Client Capability and PIU Assessment**

- Experience
- Need for hands-on support
- Contract management capability and capacity
- Complaints management and dispute resolution systems

##### **Key Conclusions**

##### **c. Market Analysis**

- Market sector dynamics
- Financial
- Procurement trends

##### **Key Conclusions**

### **3 Procurement Risk Analysis**

Risk Description	Description of Mitigation	Risk Owner

### **4 Procurement Objective**

- 1.
- 2.
- 3.
- 4.
- 5.

### **5 Recommended Procurement Approach for the Project**

- **Contract and Estimated Cost:**
- **Procurement Approach** (select from options and complete table below):

Attribute	Selected arrangement	Justification Summary/Logic
Specifications	Conformance/Performance	
Sustainability Requirements	Yes/No	
Contract Type	A. Traditional B. Design and Build C. Design, Build, Operate, Maintain D. Design and Build – Turnkey or Prime Contractor E. EPC and EPCM F. Other: _____	
Pricing and costing mechanism	A. Lump Sum B. Performance based contracts C. Schedule of Rates / Admeasurement D. Time and Materials E. Cost Plus	
Supplier Relationship	A. Adversarial/Collaborative	
Price Adjustments	A. None, fixed price B. Negotiated C. Percentage	
Form of Contract (Terms and Conditions)	D. State any special conditions of contract	
Selection Method	A. Request for Proposals (RFP) B. Requests for Bids (RFB) C. Requests for Quotations (RFQ) D. Direct Selection	
Selection Arrangement	A. Competitive Dialogue B. Public Private Partnerships (PPP) C. Commercial Practices	

	D. United Nations (UN) Agencies E. e-Reverse Auctions F. Imports G. Commodities H. Community Driven Development I. Force Accounts J. Framework Agreements K. Cross Project Opportunities	
<b>Market Approach</b>	A. Type of Competition 1. Open 2. Limited 3. International 4. National 5. No Competition – Direct Selection B. Number of Envelopes/Stages 1. Single Envelope 2. Two Envelopes 3. Single Stage 4. Multi Stage B. BAFO (Yes/No) C. Negotiations (Yes/No)	
<b>Pre / Post Qualification</b>	A. Pre-Qualification B. Post-Qualification C. Initial Selection	
<b>Evaluation Selection Method</b>	A. Quality Cost Based Selection (QCBS) B. Fixed Budget Based Selection (FBS) C. Least Cost Based Selection (LCS) D. Quality Based Selection (QBS) E. Consultant's Qualifications Based Selection (CQS) D. Direct Selection	
<b>Evaluation of Costs</b>	A. Adjusted Bid Price B. Life-Cycle Costs	
<b>Domestic Preference</b>	Yes / No	
<b>Rated Criteria</b>	List the type of criteria to be used (mandatory/desired)	

## **6 Preferred arrangement for low value, low risk activities (if applicable)**

Activity	Category	Estimated cost	Procurement arrangement

## **7 Summary of PPSD to be inform the Bank's preparation of the PAD**

<b>Contract Title, Description and Category</b>	<b>Estimated Cost US\$ and Risk Rating</b>	<b>Bank Oversight</b>	<b>Procurement Approach/ Competition:</b> <ul style="list-style-type: none"> <li>• National</li> <li>• International</li> <li>• Open</li> <li>• Limited</li> <li>• Direct</li> <li>• Sole Source</li> </ul>	<b>Selection Methods:</b> <ul style="list-style-type: none"> <li>• Pre/post Qualification</li> <li>• SPD (RFP/RFB)</li> <li>• Competitive Dialogue</li> <li>• Framework Agreement</li> <li>• E-Reverse Auction</li> <li>• QCBS/QBS etc.</li> <li>• Negotiation</li> <li>• BAFO</li> </ul>	<b>Evaluation Method:</b> <ul style="list-style-type: none"> <li>• Rated Criteria (Vfm)</li> <li>• Lowest Evaluated Cost</li> </ul>

## Annex 7. Procurement Plan (textual part and example tables)

### PROCUREMENT PLAN (Textual Part)

**Project information:** [country] [Project name] [P-number]

**Project Implementation agency:** [insert legal name]

**Date of the Procurement Plan:** [insert date]

**Period covered by this Procurement Plan:** [insert from – to period]

#### Preamble

In accordance with paragraph 5.9 of the “World Bank Procurement Regulations for IPF Borrowers” (July 2016) (“Procurement Regulations”) the Bank’s Systematic Tracking and Exchanges in Procurement (STEP) system will be used to prepare, clear and update Procurement Plans and conduct all procurement transactions for the Project.

This textual part along with the Procurement Plan tables in STEP constitute the Procurement Plan for the Project. The following conditions apply to all procurement activities in the Procurement Plan. The other elements of the Procurement Plan as required under paragraph 4.4 of the Procurement Regulations are set forth in STEP.

**The Bank’s Standard Procurement Documents:** shall be used for all contracts subject to international competitive procurement and those contracts as specified in the Procurement Plan tables in STEP.

**National Procurement Arrangements:** In accordance with paragraph 5.3 of the Procurement Regulations, when approaching the national market (as specified in the Procurement Plan tables in STEP), the country’s own procurement procedures may be used.

When the Borrower uses its own national open competitive procurement arrangements as set forth in *[insert appropriate references to the national procurement legislation]*, such arrangements shall be subject to paragraph 5.4 of the Procurement Regulations and the following conditions.

*List only the applicable conditions required to ensure consistency with paragraph 5.4 of the Procurement Regulations. If no conditions apply, delete the phrase “and the following conditions”.*

When other national procurement arrangements other than national open competitive procurement arrangements are applied by the Borrower, such arrangements shall be subject to paragraph 5.5 of the Procurement Regulations.

**Leased Assets as specified under paragraph 5.10 of the Procurement Regulations:** Leasing may be used for those contracts identified in the Procurement Plan tables. *Otherwise, state “Not Applicable”*

**Procurement of Second-Hand Goods** as specified under paragraph 5.11 of the Procurement Regulations – is allowed for those contracts identified in the Procurement Plan tables **Otherwise state "Not Applicable".**

**Domestic preference** as specified under paragraph 5.51 of the Procurement Regulations (**Goods and Works**). **Specify for each.**

Goods: [is not applicable/is applicable for those contracts identified in the Procurement Plan tables];

Works: [is not applicable/is applicable for those contracts identified in the Procurement Plan tables]

**Hands-on Expanded Implementation Support (HEIS)** as specified under paragraphs 3.10 and 3.11 of the Procurement Regulations is Applicable. **[Include this sentence only if the Bank has formally agreed to provide the Borrower with HEIS. Otherwise delete]**

#### **Other Relevant Procurement Information.**

*Provide any other relevant procurement information such as procedures for CDD components, Procurement in Situations of Urgent Need of Assistance or Capacity Constraints etc.*

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## WAPP RESPITE Procurement Plan

<b>Contract (Description)</b>	<b>Estimated Cost (US\$)</b>	<b>Procurement Method / Market Approach (Open-National/ International Limited etc.)</b>	<b>Shortlisting (Yes/ No)</b>	<b>Domestic Preference Yes /No</b>	<b>Review by Bank (Prior / Post)</b>	<b>Expected proposal opening date</b>	<b>Expected Contract Signature Date</b>	<b>Evaluation Method</b>
<b>Consultancy</b>								
New contracts								
Specialist in gender-based violence	150.000	INDV/Open/Int.	Yes	No	Post	01-March-2023	1-May-2023	Most qualified consultant
Expert in dynamic auctions	150.000	INDV/Open/Int.	Yes	No	Post	01-March-2023	1-May-2023	Most qualified consultant
External Auditor (firm)	50.000	LCS/Open/Int.	Yes	No	Post	01-March-2023	1-June-2023	Lowest Evaluated advantageous
Etudes de post synchronisation	1 000 000	QCBS/Open/Int	Yes	Non	Prior	01-March-2023	01- Sept - 2023	Lowest Evaluated advantageous

Contract (Description)	Estimated Cost (US\$)	Procurement Method / Market Approach (Open-National/ International Limited etc.)	Shortlisting (Yes/ No)	Domestic Preference Yes / No	Review by Bank (Prior / Post)	Expected proposal opening date	Expected Contract Signature Date	Evaluation Method
<b>ITAP-P113 226/Ongoing Consultants contracts to be transferred to RESPITE upon ITAP closing March 2023</b>								
<b>Liberia preparatory studies for priority hydro-solar generation investment projects</b>								
Feasibility & ESIA Studies of the Priority Hydropower Project on St-Paul/ (ARTELIA Contract)	2 000 000							Ongoing
Strategic Advisor to Support Hydropower Project Development/ (CASTALIA Contract)	260 000							Ongoing
Technical Assistance to Focal Point (phase 2)/(SOFRECO Contract)	650 000							Ongoing
Institutional Strengthening and Support/ (Henry Joynson Contract)	400 000							Ongoing
Technical Coordinator _ (Mingdiebe Kanfor-Lare Contract)	330 000							Ongoing
<b><i>International Panel of Experts</i></b>								
Dam specialist (Quentin Shaw)	80 000							Ongoing

Contract (Description)	Estimated Cost (US\$)	Procurement Method / Market Approach (Open-National/ International Limited etc.)	Shortlisting (Yes/ No)	Domestic Preference Yes /No	Review by Bank (Prior / Post)	Expected proposal opening date	Expected Contract Signature Date	Evaluation Method
Geologist ( <i>Danielle Battaglia</i> )	100 000							Ongoing
Environmental Specialist ( <i>François Obein</i> )	100 000							Ongoing
Health Specialist ( <i>Shubhendu Mudgal</i> )	50 000							Ongoing
Electro-mechanical Specialist ( <i>Ugo Velicogna</i> )	65 000							Ongoing
<b><i>TA supporting WAPP countries' commercial energy transactions and capacity building of governance (e.g. CLSG, North Core)</i></b>								
Contract Financial Expert	100 000							Ongoing
Contract 2 Legal Expert /	240 000							Ongoing
Contract Transaction Adviser/	100 000							Ongoing
Contract Technical Expert/	75 000							Ongoing

Contract (Description)	Estimated Cost (US\$)	Procurement Method / Market Approach (Open-National/ International Limited etc.)	Shortlisting (Yes/ No)	Domestic Preference Yes/No	Review by Bank (Prior/ Post)	Expected proposal opening date	Expected Contract Signature Date	Evaluation Method
Contract local lawyer/	31 500							Ongoing
<b><i>Other consultants' contracts</i></b>								
Feasibility & ESIA Studies for the WAPP Regional <b>Ghana-Burkina Mali</b> Interconnection Project ( <b>WSP Contract</b> )	1 100 000						12-Aug-2022	Ongoing
Line route and environmental and social impact assessment (ESIA) study for 330 kv WAPP double circuit median interconnection project ( <b>WSP Canada</b> )	3 000 000						31-March-2021	Ongoing
Financial Audit / (Grant Thornton)	7 000						05-May-2022	Ongoing
<b>SOP/Ongoing Solar development in Sub-Saharan Africa contracts (P162580) to be transferred to RESPITE upon SOP closing Sept 2023</b>								
Environmental Expert (Resident)	180 000							Ongoing
Social Expert (Resident)	180 000							Ongoing

<b>Contract (Description)</b>	<b>Estimated Cost (US\$)</b>	<b>Procurement Method / Market Approach (Open-National/ International Limited etc.)</b>	<b>Shortlisting (Yes/ No)</b>	<b>Domestic Preference Yes /No</b>	<b>Review by Bank (Prior / Post)</b>	<b>Expected proposal opening date</b>	<b>Expected Contract Signature Date</b>	<b>Evaluation Method</b>
Procurement Expert (Resident)	200 000							Ongoing
<b>Goods, Works and Non-consulting Services</b>								
<b>ITAP /ongoing contracts to be transferred to RESPITE upon ITAP closing March 2023</b>								
Design, Supply and Installation of SVC, SPS and PMUs (NR Electric Contract)	1 200 000						19-Dec-2018	Ongoing
Tuning of PSS, Field Testing and setting change of Governors and Synchronization of the WAPP Network/ (General Electric Contract)	1 100 000						26-Aug-2019	Ongoing
Owner's Engineer for Synchronization Project /(Tractebel-CESI Contract)	300 000						01-Dec-2014	Ongoing
Rehabilitation of the Access Road for SP2 project in Liberia (SSF Entrepreneur Inc Contract)	92 000						06-May -2021	Ongoing
Geotech investigations for SP2 project in Liberia (AGTS-Senegal Contract)	1 100 000						02-March-2022	Ongoing

Contract (Description)	Estimated Cost (US\$)	Procurement Method / Market Approach (Open-National/ International Limited etc.)	Shortlisting (Yes/ No)	Domestic Preference Yes /No	Review by Bank (Prior / Post)	Expected proposal opening date	Expected Contract Signature Date	Evaluation Method
Direct contracts with Original Equipment Manufacturers ( <b>multiple contracts</b> - in support to GEII-Tuning of PSS contract)	500 000	DS	No	No	Post	N/A	N/A	Ongoing
Acquisition of Office supplies (new contract)	200 000	RFB-limited-National	No	No	Post			Lowest evaluated advantageous Bid

**Note:**

**QCBS: Quality and Cost-based Selection**

**FBBS: Fixed Budget Based Selection**

**LCBS: Least Cost Based Selection**

**QBS: Quality Based Selection**

**CQS: Consultant's Qualification Based Selection**

**DS: Direct Selection**

**IC: Selection of Individual Consultants**

**N.B. The recruitment of the staff members of the PCU, will be subject to a technical review of the Bank**

## Annex 8. WAPP RESPITE Results Framework and Monitoring and Evaluation Plan

Results Framework WAPP Regional Emergency Solar Power Intervention Project								
<b>Project Development Objectives(s)</b>								
<b>Project Development Objective Indicators</b>								
Indicator Name	PBC	Baseline	Intermediate Targets				End Target	
			1	2	3	4		
<b>Rapidly increase grid-connected renewable energy capacity</b>								
1. Generation capacity for power trade in ECOWAS (Megawatt)		0.00	0.00	0.00	92.00	92.00	92.00	92.00
<b>Strengthen regional interconnection</b>								
2. WAPP Priority projects brought to the point where investment-grade feasibility studies and associated documentation have been completed (Number)		7.40	0.00	9.00	9.00	9.00	9.00	9.00
3. Ratio of annual total hours of synchronization of WAPP areas 1, 2 and 3 against total hours in a year (Percentage)		0.00	0.00	25.00	25.00	25.00	25.00	25.00
<b>Intermediate Results Indicator</b>								
<b>Component 4: Regional Coordination, Institutional Strengthening, and Implementation Support</b>								
4. Testing of the governors of power stations necessary for synchronization is completed (Number)		18.00	18.00	20.00	20.00	20.00	20.00	20.00
<b>Monitoring &amp; Evaluation Plan: PDO Indicators</b>								
Indicator Name	Definition/Description	Frequency		Datasource	Methodology for Data Collection		Responsibility for Data Collection	
1. Generation capacity for power trade in ECOWAS	The indicator measures the availability of generation capacity for power trade in ECOWAS.	One time.		EDSA, LEC.	Project implementation reports Official statistics, independent reports		RCU, national plus	
2. WAPP Priority projects brought to the point where investment-grade	The indicator measures the preparedness of WAPP priority projects. The 0.4 in 7.4 baseline	One time		WAPP Secretariat	Project implementation reports Number of investment-grade feasibility studies and associated		WAPP Secretariat	

feasibility studies and associated documentation have been completed	value represents 40% progress made in completion of the SP feasibility study. The indicator will measure the completion of this and an additional feasibility study.			documentation. List feasibility studies and provide details	
3. Ratio of annual total hours of synchronization of WAPP areas 1, 2 and 3 against total hours in a year	Measure within CEB network as an approximation for the whole zone.	One time, in year 2024.	M&E function of WAPP Secretariat	Annual data of National Control Centers. Official statistical data.	WAPP Secretariat

#### **Monitoring & Evaluation Plan: Intermediate Results Indicator**

Indicator Name	Definition/Description	Frequency	Datasource	Methodology for Data Collection	Responsibility for Data Collection
4. Testing of the governors of power stations necessary for synchronization is completed	The indicator measures the progress in implementation of testing of the governors of power stations necessary for synchronization.	One time: the testing is expected to be completed in 2024.	WAPP Secretariat	Project implementation reports, consultant/contractor reports	WAPP Secretariat

## **Annex 9. TOR for WAPP RESPITE Team Members**

### **REGIONAL EMERGENCY SOLAR POWER INTERVENTION PROJECT- P 179267)**

#### **TERMES DE REFERENCE**

**Septembre 2023**

(NO de la banque : 27/9/2023)

#### **Spécialiste Senior en Passation des Marchés au profit du Secrétariat Général de l'EEEOA**

#### **I- CONTEXTE**

Le Système d'Échanges d'Énergie Électrique Ouest Africain (EEEOA) a été créé par l'Instance Supérieure de la Communauté Économique des États de l'Afrique de l'Ouest (CEDEAO), à la Conférence des Chefs d'États et de Gouvernement, en tant que mécanisme et cadre institutionnel pour assurer l'intégration des réseaux électriques nationaux des États membres de la CEDEAO afin de répondre aux besoins énergétiques des citoyens de la CEDEAO en leur assurant un approvisionnement en énergie électrique stable, fiable et abordable pour le développement économique.

Le programme actuel de développement des infrastructures de l'EEEOA est basé sur le Plan Directeur de la CEDEAO pour le Développement des Moyens Régionaux de Production et de Transport d'Énergie Électrique 2019-2033, adopté par l'Autorité des Chefs d'État et de Gouvernement de la CEDEAO en décembre 2018, à travers l'Acte Additionnel A/SA.4/12/18. Ce Plan a identifié les projets prioritaires clés dont la mise en œuvre est indispensable à une intégration stable des réseaux électriques nationaux dans l'espace CEDEAO et faciliter des échanges optimaux et la commercialisation d'énergie électrique entre les États membres. Soixante-quinze (75) projets prioritaires ont été approuvés pour un investissement total estimé à 36,39 milliards de USD sur la période 2019-2033 impliquant entre autres la construction d'environ 23 000 km de lignes de transport d'énergie électrique et la mise en œuvre d'une capacité totale de production d'environ 15,49 GW dont 3,15 GW de production d'énergie renouvelable intermittente (solaire et éolien).

Pour soutenir la mise en œuvre de ce plan, la Banque mondiale soutient le Secrétariat Général de l'EEEOA à travers plusieurs assistances techniques en vue de développer l'infrastructure régionale et mettre en œuvre des projets prioritaires définis dans le plan directeur de la CEDEAO.

Le Programme Régional d'Intervention d'Urgence dans le Secteur de l'Energie Solaire traduit en anglais (Regional Emergency Solar Power Intervention - Projet régional d'intervention d'urgence (RESPITE) P179267 constitue une partie de la réponse du Groupe de la Banque mondiale à la crise énergétique que connaît la région avec pour objectifs de contribuer à i) réduire l'incidence des prix élevés du pétrole dans ces pays, et donc fournir une marge de manœuvre budgétaire à ces pays pour faire face à la crise alimentaire résultant également de l'évolution géopolitique en Ukraine ; ii) augmenter l'offre d'énergie abordable et propre sur le réseau pour atténuer la crise actuelle de l'approvisionnement en électricité ; et iii) aider les pays à s'éloigner de la production coûteuse et polluante de fioul lourd et de diesel, réduisant ainsi les émissions de GES.

A travers ce programme, la Banque mondiale apporte un appui au Secrétariat Général de l'EEEOA pour, entre autres, poursuivre les activités de préparation des projets débutées dans la cadre d'une assistance précédente dénommée « Projet d'intégration régionale et d'assistance technique (ITAP) » finaliser et l'opérationnaliser les cadres juridiques, réglementaires et techniques pour permettre un commerce régional efficace entre les pays de l'EEEOA.

Les activités incluraient toute la liste des études préliminaires à entreprendre avant d'engager les investissements à savoir : préfaisabilité, faisabilité, sauvegarde de l'environnement, atténuation des impacts environnementaux et sociaux, réinstallation éventuelle de la population, structuration du projet, modalités de mise en œuvre.

Il est prévu dans le cadre de cette assistance au Secrétariat Général de l'EEEOA de renforcer ses capacités par le recrutement de divers experts pour soutenir l'Unité de gestion établie au sein du Secrétariat Général de l'EEEOA dont un Spécialiste en Passation des Marchés pour l'appuyer dans les activités de passation des marchés.

## **II- OBJECT DES PRESENTS TDR**

Ces termes de référence visent au renouvellement du contrat du Spécialiste Senior en Passation des Marchés initialement recruté sous les assistances précédentes (ITAP et Programme Solaire) pour renforcer les capacités humaines du Secrétariat Général de l'EEEOA dans la mise en œuvre de ses projets et programmes.

## **III- TACHES ET RESPONSABILITES**

Le Consultant Spécialiste Sr en Passation des Marchés (SPM) aura pour mission principale de veiller à la mise en pratique : (i) des règlements de passation de marchés des bailleurs finançant l'EEEOA, en particulier ceux de la Banque mondiale, ainsi que (ii) du Code de passation des marchés de l'EEEOA. Le SPM devra s'assurer que les processus de passation des marchés de l'EEEOA sont exécutés dans les délais prescrits et de manière professionnelle. Le Consultant veiller au maintien et la promotion des meilleures pratiques de passation des marchés.

De façon spécifique, le SPM devra soutenir le Secrétariat de l'EEEOA dans la mise à jour de ses principaux documents stratégiques et politiques relatifs à la passation des marchés, et veillera à leur bonne exécution. Le SPM devra périodiquement élaborer et assurer la mise en œuvre du plan annuel de passation des marchés, principalement pour les projets prioritaires de l'EEEOA identifiés dans le Plan Directeur des moyens de production et de transport d'énergie de la CEDEAO.

Par ailleurs, le SPM sera chargé de la planification, la gestion et la mise en œuvre des procédures d'acquisition de biens, de travaux et de services pour les besoins de tout l'EEEOA. Il assurera la gestion de ces activités connexes en concertation avec le Comité de Passation des Marchés de l'EEEOA, les autres experts, ainsi que le chargé de la passation de marchés, membre du personnel du WAPP et conformément aux directives en matière de passation des marchés de l'EEEOA et/ou celles des agences de financement.

Il apportera son soutien au Secrétariat Général de l'EEEOA dans le processus d'acquisition de biens, de travaux et de services.

L'étendue des services du SPM comprendra, mais sans s'y limiter, les activités suivantes :

- 1) Planifier, développer et gérer tous les aspects de passation de marchés et aspects contractuels de divers produits et services pour le compte du Secrétariat de l'EEEOA ;
- 2) Préparer un plan de passation des marchés pour chacun des projets prioritaires et programmes en conformité avec les exigences du Secrétariat Général ou des agences de financement ;
- 3) Conseiller les services demandeurs et les entités bénéficiaires sur toutes les questions relatives au processus de passation des marchés, en leur apportant le soutien et les orientations nécessaires à toutes les étapes du cycle de passation des marchés ;
- 4) Elaborer les Dossiers d'Appel d'Offres pour les fournitures et les Demandes de Propositions pour les services de Consultants selon les modèles standards des agences de financement (la Banque Mondiale, la BAD, la BEI, la BID, le KfW, l'AFD, , etc.) et faire obtenir pour ces documents les approbations nécessaires requises ;
- 5) Veiller à ce que les procédures décrites dans les accords avec les bailleurs soient respectées à tous les stades des acquisitions de biens et services ;
- 6) Assurer la préparation et la diffusion des avis généraux de passation des marchés, les avis spécifiques pour recevoir les expressions d'intérêt pour les services de Consultants, et les avis spécifiques d'appels d'offres de fournitures et travaux ;
- 7) Assurer, en plus des avis ci-dessus, la plus large publicité en faisant publier, si nécessaire des avis dans des revues spécialisées ;
- 8) Organiser les séances d'évaluation des offres/propositions,
- 9) Assister les commissions techniques d'évaluation et préparer les rapports d'évaluation selon les modèles types des bailleurs.
- 10) Veiller à la confidentialité des rapports d'évaluation des offres ;
- 11) Participer aux négociations de contrat avec le Comité de Passation des Marchés de l'EEEOA et préparer le compte-rendu de négociation et projets de contrats ;

- 12) S'assurer que les soumissionnaires non retenus reçoivent les informations nécessaires ainsi que leurs cautions de soumission le cas échéant aussitôt après la décision d'attribution des marchés ;
- 13) Préparer les marchés et veiller à ce qu'ils soient approuvés par les autorités compétentes conformément aux procédures ;
- 14) Assurer le suivi des dossiers de passation de marchés, et en particulier la liaison avec les soumissionnaires/Prestataires de services et candidats ;
- 15) Assurer le suivi de l'exécution des contrats en ce qui concerne les aspects de passation des marchés, notamment la préparation des avenants et fournir des conseils aux gestionnaires de contrats ;
- 16) Participer si nécessaire aux réceptions des travaux, biens et services conformément aux procédures ;
- 17) Concevoir, maintenir et mettre à jour régulièrement une base de données des fournisseurs et contractants de l'EEEOA ;
- 18) Conserver une documentation complète et systématique des marchés attribués. ;
- 19) Encadrer éventuellement des collaborateurs/nouveaux employés, en ce qui concerne les procédures de passation des marchés ;
- 20) Agir à titre de point focal de l'EEEOA auprès des bailleurs de fonds pour toutes questions liées au processus de passation des marchés ;
- 21) Participer aux missions d'audits/examen des processus de passation de marchés ;
- 22) Préparer des rapports de passation des marchés ;
- 23) Passer en revue les Termes de Référence soumis par les services demandeurs et faire des commentaires sur les aspects de passation de marchés ;
- 24) Interagir avec les parties prenantes (sociétés membres, agences de financement, etc.) en qualité de focal point pour toutes les questions relatives à la passation des marchés et fournir les informations requises ;
- 25) Evaluer toutes les questions pertinentes, et si nécessaire, s'appuyer sur la politique et les meilleures pratiques pour conseiller un plan de mesures correctives ;
- 26) Contribuer à l'élaboration des rapports trimestriels sur la passation des marchés des Projets de l'EEEOA ;
- 27) Renforcer les capacités du personnel du Secrétariat de l'EEEOA en passation des marchés ;
- 28) Exécuter toutes autres tâches en rapport avec les présents TDRs.

Le SPM devra exécuter la mission assignée conformément aux pratiques de services-conseils internationalement reconnues et en pleine conformité avec les exigences de l'EEEOA, de la Banque Mondiale et de celles des autres Institutions financières en la matière.

#### **IV- RESPONSABLE HIERARCHIQUE**

Le Spécialiste en passation des marchés devra rendre compte au Secrétaire Général de l'EEEOA, et travaillera en étroite collaboration avec le Comité de Passation des Marchés de l'EEEOA et tous les Départements de l'EEEOA. Pendant l'exécution de la mission assignée, le Spécialiste en passation des marchés devra interagir avec les sociétés d'électricité membres de l'EEEOA, les ministères en charge de l'énergie et les agences de financement. La Mission assignée étant financée par la Banque Mondiale, les exigences pertinentes de la Banque seront applicables en la matière ainsi que celles des autres bailleurs de fonds de l'EEEOA.

## **V- RESULTATS ATTENDUS**

Les prestations du SPM incluent la préparation et la soumission en temps utile des rapports et documents de qualité, rédigés en anglais et/ou français le cas échéant.

Aussi, le SPM devra établir un plan de passation annuel pour les programmes et projets conformément au programme de travail annuel et au budget du Secrétariat Général.

Le SPM continuera le renforcement les capacités à l'attention des membres du personnel du Secrétariat Général de l'EEEOA comprenant entre autres les modules relatifs aux procédures et directives des bailleurs de fonds (passation des marchés de Consultants, directives de lutte contre la fraude et la corruption).

Le SPM veillera à ce que tous les processus de passation de marchés soient effectués conformément aux exigences établies respectivement par le Secrétariat de l'EEEOA, les sociétés d'électricité membres et les agences de financement.

En plus de tous les livrables que les parties prenantes de l'EEEOA (sociétés membres, agences de financement, etc.) pourraient exigées, le SPM devra également soumettre au Secrétariat de l'EEEOA les livrables suivants :

### **5.1 Rapports trimestriels :**

Le Spécialiste en passation des marchés devra soumettre des rapports trimestriels pendant la durée de la mission assignée. Ces rapports devront récapituler les principales tâches qui ont été effectués au cours de la mission, les étapes-clés franchies pour la réalisation de la mission, les problèmes spécifiques et systémiques rencontrés et les éventuelles solutions préconisées et le taux d'achèvement de la mission. Lesdits rapports devront être rédigés en anglais ou en français, et soumis au plus tard le 10e jour du mois suivant la fin de chaque trimestre.

### **5.2 Rapports annuels**

Le Spécialiste en passation des marchés devra soumettre des rapports annuels pendant la durée de la mission assignée.

### **5.3 Rapport final :**

A la fin de la mission assignée, le Spécialiste en Passation des Marchés devra soumettre un rapport complet détaillant entre autres, les activités entreprises pendant la durée d'application de la mission. La soumission et l'approbation de ce rapport constitueront les conditions préalables au paiement de sa dernière facture au titre de la présente Mission.

## **VI- DUREE DE LA MISSION**

La durée totale de la mission est de (18) dix-huit mois à compter de la date de signature du Contrat. Si nécessaire, le Contrat sera renouvelé pour la même durée. Le renouvellement sera assujetti au résultat satisfaisant de l'évaluation des performances et à la nécessité du service. Le SPM sera basé à Abomey-Calavi (Bénin), mais pourrait être amené à voyager en missions officielles au sein de la sous-région. Il pourrait être appelé à travailler les week-ends et/ou tardivement les soirs.

## **VII- SELECTION**

Le Contrat du Consultant sera renouvelé par entente directe tel que définie dans le Règlement de Passation des Marchés pour les Emprunteurs sollicitant de la Banque mondiale le financement de projets d'investissement (Edition septembre 2023).

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Economic Community  
Of West African States



Communauté Economique  
Des Etats de l'Afrique de l'Ouest

**WEST AFRICAN POWER POOL**  
**SYSTÈME D'ÉCHANGES D'ÉNERGIE ÉLECTRIQUE OUEST-AFRICAIN**  
*General Secretariat / Secrétariat Général*

## **Termes de Référence**

### **Coordonnateur Technique de Projets**

## **Termes de Référence**

### **Coordonnateur technique de Projets pour le Système d'Echanges d'Energie Electrique Ouest Africain**

#### ***1. Contexte***

Le Système d'Echanges d'Energie Electrique Ouest Africain (EEEAO) a été créé par la plus haute autorité décisionnelle de la Communauté des Etats De l'Afrique de l'Ouest (CEDEAO), la Conférence des Chefs d'Etat et de Gouvernement des Etats membres. Son but est d'intégrer les réseaux électriques nationaux dans un marché régional uniifié dans la perspective qu'un tel mécanisme pourra à moyen et long terme assurer aux citoyens de la CEDEAO l'accès à une énergie électrique de qualité et à moindre coût afin d'assurer le développement économique des Etats membres. Pour atteindre ce but, l'EEEAO a pour mission de promouvoir et de développer des infrastructures de production et de transport d'énergie électrique ainsi qu'assurer la coordination des échanges d'énergie électrique entre les Etats membres de la CEDEAO.

Sa stratégie de mise en œuvre est basée sur la réalisation des sous-programmes d'infrastructures complémentaires, se renforçant mutuellement et englobant divers projets régionaux de production et de transport d'énergie électrique qui une fois mis en œuvre, mèneraient à l'intégration de l'ensemble des réseaux électriques en Afrique de l'Ouest. Le Programme d'infrastructures de l'EEEAO découle du Plan Directeur des moyens de production et de transport d'énergie électrique de la CEDEAO dont la dernière révision pour la période 2019-2033 a été adoptée par les Chef d'Etat et de Gouvernement de la CEDEAO en décembre 2018 par l'Acte Additionnel Act NSA.4/12/18.

Ce Plan prévoit une liste de 75 (#) projets prioritaires régionaux avec un coût d'investissement total estimé à 36,39 milliards de dollars, parmi lesquels :

- 28 projets de lignes de transport totalisant environ 22 932 km de lignes haute tension à un coût estimatif de 10,48 milliards USD ;
- 47 projets de production d'une capacité totale d'environ 15,49 GW à un coût

La mise en œuvre de ces projets permettra l'interconnexion intégrale de tous les réseaux électriques nationaux des Etats membres de la CEDEAO favorisant ainsi le commerce de l'énergie électrique, l'amélioration significative, non seulement, de son accès à moindre coût mais aussi de la quantité et de la qualité de son approvisionnement. Ce qui contribuera à l'atténuation de la pauvreté et à l'amélioration du bien-être économique des citoyens de la CEDEAO.

Pour la mise en œuvre de sa stratégie, le Secrétariat Général de l'EEEAO a bénéficié de l'appui constant des Partenaires Techniques et Financiers notamment la Banque mondiale qui appuie le développement de plusieurs projets dont entre autres, le projet Dorsale Sud (Ghana-Togo-Bénin), le projet Dorsale Nord (Nigéria-Niger-Bénin/Togo-Burkina), le projet Interconnexion Guinée-Mali et le Projet CLSG (Côte d'Ivoire-Libéria-Sierra Léone-Guinée).

Dans le cadre du projet CLSG en cours de réalisation, le Secrétariat Général de l'EEEAO bénéficie d'un Programme d'Assistance Technique de la Banque mondiale en vue de développer entre autres des projets d'infrastructures de transport d'énergie électrique prioritaires et des projets hydroélectriques permettant d'augmenter l'offre électrique en lien avec le projet CLSG. En vue de combler le gap de financement pour la construction de la ligne au Libéria et en Sierra Léone, la Banque mondiale a octroyé un financement additionnel et étendu les activités liées au projet afin d'accroître sa viabilité

notamment le développement de sources complémentaires de production hydroélectrique . Pour ce faire, il est prévu d'étendre le Programme d'Assistance au Secrétariat Général de l'EEEOA pour y inclure la préparation des études de préinvestissements de nouveaux projets hydroélectriques au Libéria.

La Banque mondiale soutient aussi l'EEEOA dans le cadre de la préparation des études de préinvestissement de ses projets prioritaires d'interconnexion notamment, le Projet d'interconnexion Médiane Nigéria-Bénin-Togo-Ghana- Côte d'Ivoire et le projet d'interconnexion Ghana-Burkina-Mali.

## **2. Consistance du Programme d'Assistance Technique**

### **i. Programme de base**

Le programme de base proposé dans le cadre du projet CLSG prévoit la préparation et le développement de projets de production hydroélectrique en lien avec la ligne CLSG et le support au Secrétariat Général de l'EEEOA pour la réalisation des activités devant permettre l'intégration de son système électrique.

Dans ce cadre, le Secrétariat Général de l'EEEOA a préparé le projet de Centrale hydroélectrique de Souapiti en cours de construction et mène les activités préparatoires à l'établissement du cadre institutionnel devant permettre de réaliser dans les meilleurs délais et à moindre coût le projet d'interconnexion Nigéria-Niger-Bénin/Togo-Burkina communément appelé la Dorsale Nord .

Les activités préparatoires menées à ce jour ont permis de recruter le personnel clé de l'entité unique de mise en œuvre du projet.

### **ii. Programme du financement additionnel**

La composante 2 du financement additionnel mis en place par la Banque mondiale et relatif l'extension du programme d'intégration et d'assistance technique de l'EEEOA est destinée à développer de nouveaux projets hydroélectriques au Libéria. Il comporte deux sous-composantes :

#### **Sous-Composante 2A : Préparation des études de préinvestissement de nouveaux projets au Libéria.**

- a) Une étude d'optimisation qui inclura :
  - i.) une étude de la demande nationale et régionale en vue d'évaluer le marché disponible pour les projets de production à développer
  - ii.) la mise à jour des différentes options de développement de l'hydroélectricité au Libéria afin de confirmer la priorité de développer le potentiel hydroélectrique de la rivière Saint-Paul, y compris la collecte supplémentaire des données topographiques et socio-environnementales à l'aide d'un relevé LIDAR
  - iii.) et l'identification d'un Plan de développement optimal et de projets prioritaires associés (y compris la retenue, la production et le transport) grâce à une gestion optimale des ressources hydrologiques de la cascade de Saint-Paul et à une analyse des possibilités de combiner le solaire avec l'hydro et une analyse multicritère (avec un fort accent sur les aspects socio-environnementaux)
- b) Une étude de faisabilité (y compris les études géotechniques complémentaires) des projets prioritaires sélectionnés approuvés par les autorités libériennes.
- c) Évaluation des mesures environnementales et sociale et élaboration des Plans de gestion : une Etude d'Impacts environnemental et Social (EIES) à élaborer incluant un Plan de Gestion Environnementale et Sociale (PGES) ainsi qu'un Plan d'Action et de réinstallation (PAR).

- d) Options de structuration financière du projet, y compris les possibilités de participation des investisseurs privés ou de financement commercial seront également examinées.

**Sous-Composante 2B : Assistance technique par la mise en place de deux panels d'experts et programme de renforcement de capacités.**

- e) Deux panels d'experts seront mis en place sous l'égide de l'EEOEA. Un panel technique pour la sécurité des barrages et un panel environnemental composés d'experts internationaux de haut niveau pour la supervision des études pour s'assurer de la conformité des études aux standards internationaux.
- f) Une équipe focale pour les études qui fournira un appui technique pour le Comité de Pilotage de haut niveau qui sera mis en place.
- g) Amélioration du cadre institutionnel et renforcement des capacités des acteurs au Libéria, à travers des formations adéquates et des activités de formation par compagnonnage principalement en hydroélectricité, gestion de l'eau et éventuellement sur le solaire.

**3. Objectif**

Un des facteurs critiques pour l'atteinte des objectifs de cette composante, est la capacité du Secrétariat Général de l'EEOEA d'assurer dans les délais prescrits le suivi et la coordination des activités telles que décrites plus haut. D'où la nécessité de doter le Secrétariat Général de l'EEOEA de ressources humaines qualifiées.

Dans le cadre du programme d'assistance de la Banque mondiale pour la préparation et le développement de projets de production hydroélectrique en lien avec la ligne CLSG ainsi que le support au Secrétariat Général de l'EEOEA pour la réalisation des activités devant permettre l'intégration de son système électrique, il est prévu le recrutement d'un Coordonnateur technique de Projets résident pour renforcer les capacités du Secrétariat Général de l'EEOEA, dans le cadre d'un contrat d'Assistant Technique pour une durée de dix-huit (18) mois. Ce Coordonnateur technique apportera d'une part, l'appui technique nécessaire à la cellule d'exécution du programme d'assistance mise en place au sein du Secrétariat Général de l'EEOEA pour coordonner l'ensemble des activités du programme d'assistance et d'autre part coordonner les études de préinvestissement de projets prioritaires de l'EEOEA notamment le projet d'interconnexion Nigéria-Bénin-Togo- Ghana-Côte d'Ivoire (la médiane de l'EEOEA) et le projet d'interconnexion Ghana-Burkina-Mali..

Les présents termes de référence précisent les principales prestations attendues de ce Coordonnateur.

**4. Etendue des Services**

Le Coordonnateur technique de Projets résident devra exécuter la mission assignée conformément aux pratiques internationalement reconnues et en pleine conformité avec les exigences de l'EEOEA et celles de la Banque Mondiale.

Dans le cadre de la mise en œuvre du programme d'assistance technique de la Banque, le Coordonnateur technique de Projets sera chargé du suivi et de la coordination technique des activités du programme d'assistance technique notamment de l'ensemble des études de préinvestissement des projets prioritaires identifiés dans le cadre du programme en vue de leur mise en œuvre dans les délais requis selon le programme de travail défini de concert avec la Coordinatrice de la Cellule d'exécution du programme d'assistance technique de la Banque mondiale pour les projets en lien avec Je programme et le Département de Planification, de Programmation des Investissements et de

Sauvegarde Environnementale (PIPES) du Secrétariat Général de l'EEEOA ou pour toute autre tâche assignée par le Secrétariat Général de l'EEEOA.

L'étendue des services s'articulent autour de:

**a. Projets hydroélectriques liés au projet CLSG**

Le Coordonnateur de projets aura pour tâches principales de:

- Participer dans l'identification des études à réaliser dans le cadre du développement des projets hydroélectriques en lien avec le projet CLSG ;
- Superviser la préparation des Termes de Référence (TdR) pour le recrutement des Consultants en vue de mener les études de préinvestissements et d'en assurer la coordination;
- superviser la préparation des termes de référence pour le recrutement des panels ;
- Coordonner la mise en place de l'équipe focale au Libéria et la superviser ;
- Participer dans le processus de sélection des panels et des Consultants en charge de mener les études de préinvestissement ;
- Examiner les rapports soumis par les consultants et préparer les commentaires y relatifs en collaboration avec les experts des panels et l'équipe focale;
- Suivre les contrats des experts des panels et des consultants ;
- Coordonner la diffusion des différents rapports d'études de préinvestissement et la collecte des commentaires auprès des parties prenantes y compris les panels;
- Actualiser les plannings indicatifs de développement des projets ;
- Assurer le suivi et la livraison à temps des rapports d'études de préinvestissement ;
- Organiser les réunions de restitution et de coordonner la participation de toutes les parties prenantes aux projets ;
- Contribuer à la préparation des programmes de travail et des rapports d'activité chaque trimestre, et leur soumission au Secrétariat de l'EEEOA dans les formats prescrits pour transmission subséquente à la Banque Mondiale
- Elaborer autres rapports d'activités ponctuels sur l'état d'avancement des projets en étude ;
- Organiser et prendre part activement aux réunions de suivi et de coordination des projets en phase de préparation ;
- Apporter l'appui nécessaire à la coordinatrice de la cellule du projet pour préparer les demandes de non-objection ;
- Toutes autres tâches qui pourraient être assignées par le Secrétariat Général de l'EEEOA dans le cadre de la mise en œuvre du développement du programme d'assistance.

**b. Préparation des études de préinvestissement du projet de la Dorsale médiane et du projet d'interconnexion Ghana-Burkina-Mali.**

Dans ce cadre, le Coordonnateur technique aura en charge d'assurer la coordination de toutes les activités à la préparation de ces études. Il aura pour tâches principales:

- Superviser la préparation des Termes de Référence (TdR) pour le recrutement des Consultants en vue mener les études de préinvestissements et d'en assurer la coordination

- Participer dans le processus de sélection des Consultants en charge de mener les études de préinvestissement ;
- Coordonner les collectes de données et d'informations relatives aux études de préinvestissement dans les pays et/ou les sociétés d'électricité impliqués ;
- Examiner les rapports soumis par les consultants et préparer les commentaires y relatifs en collaboration avec les différents experts et les équipes focales ;
- Suivre les contrats des consultants ;
- Coordonner la diffusion des différents rapports d'études de préinvestissement et la collecte des commentaires auprès des parties prenantes y compris les panels ;
- Actualiser les plannings indicatifs de développement des projets ;
- Assurer le suivi et la livraison à temps des rapports d'études de préinvestissement ;
- Organiser les réunions de restitution et de coordonner la participation de toutes les parties prenantes aux projets ;
- Mettre à jour les informations relatives à l'état d'avancement des études dans la base de données de l'EEEOA ainsi que les besoins de financement et des sources de financement ;
- Assurer la préparation des programmes de travail et des rapports d'activités chaque trimestre, et leur soumission au Secrétariat de l'EEEOA dans les formats prescrits pour transmission subséquente à la Banque Mondiale
- Elaborer autres rapports d'activités ponctuels sur l'état d'avancement des projets en étude ;
- Organiser et prendre part activement aux réunions de suivi et de coordination des projets en phase de préparation ;
- Préparer et présenter des exposés sur l'état d'avancement des projets prioritaires de l'EEEOA;
- Toutes autres tâches qui pourraient être assignées par le Secrétariat Général de l'EEEOA dans le cadre de la mise en œuvre de ses projets prioritaires ;

## **5. Résultats Attendus**

L'étendue des prestations du Coordonnateur Technique de Projets comprend la préparation et la soumission en temps utile des rapports et documents de qualité, rédigés en anglais ainsi qu'en français

Le Coordonnateur Technique de Projets résident devra fournir :

a. Rapport initial:

Le Coordonnateur Technique de Projets devra soumettre dans un délai de 4 semaines à compter de sa date d'entrée en service à Cotonou, un rapport initial devant contenir, entre autres, le plan de travail, la méthodologie et le calendrier d'exécution de la mission assignée.

b. Rapports trimestriels :

Le Coordonnateur Technique de Projets devra soumettre des rapports trimestriels pendant la durée de la mission assignée. Ces rapports devront récapituler les principales tâches qui ont été effectuées au cours de la période de référence, les étapes-clés franchies vers la réalisation de la mission, et le taux d'achèvement de la mission. Les données financières devront comprendre les photocopies de factures du Coordonnateur de Projets ainsi que les rapports financiers détaillant toutes les dépenses engagées, y compris les taux quotidiens de rémunération du Coordonnateur Technique de Projets, les heures travaillées et les autres

coûts directs. Tous les documents préparés par le Coordonnateur Technique de Projets résident dans le cadre de la mission assignée (y compris les présentations et les commentaires annotés aux rapports) doivent figurer en annexe de chaque rapport trimestriel. Lesdits rapports devront être rédigés en anglais et en français, et soumis au plus tard le 10<sup>e</sup> jour du mois suivant la fin de chaque trimestre considéré.

c. Rapport définitif :

Au terme de la mission assignée, le Coordonnateur Technique de Projets-résident devra soumettre un rapport complet détaillant entre autres, les activités entreprises pendant la durée de la mission, les intrants et extrants, les résultats attendus et les produits livrables exigés par le Secrétariat Général de l'EEEOA et l'Agence de Financement. La soumission et l'approbation de ce rapport constitueront les conditions préalables au décaissement de son dernier paiement au titre de la mission assignée.

En plus, la mise en œuvre des activités mentionnées dans l'étendue des services susvisée font partie intégrante des résultats attendus du Coordonnateur Technique de Projets résident.

## **6. Exigences en matière de rapport**

Le Coordonnateur de projets devra rendre compte au Secrétaire Général de l'EEEOA, et travaillera en étroite collaboration avec le Département de Planification, de Programmation des Investissements et de Sauvegarde Environnementale du Secrétariat Général de l'EEEOA et la Coordinatrice de la Cellule d'exécution du programme d'assistance technique de la Banque mondiale. Pendant l'exécution de la mission assignée, le Coordonnateur technique de Projets-résident assurera la liaison avec les sociétés d'électricité membres de l'EEEOA, les Ministères en charge de l'Energie et les Agences de Financement. La mission assignée étant financée par la Banque Mondiale, les exigences pertinentes de la Banque Mondiale seront applicables en la matière.

## **7. Qualifications requises**

### Formation :

Diplôme d'Ingénieur ou un Master en génie électrique. Un Master en Gestion de projets en plus serait un atout supplémentaire. Une sensibilité ou une expérience dans les aspects environnementaux et sociaux des projets serait aussi un atout supplémentaire.

### Expérience :

Minimum sept (07) ans d'expérience dans le domaine de la planification des systèmes électriques et une bonne connaissance des procédures de passation de marchés des bailleurs de fonds internationaux. L'intéressé doit avoir :

- des compétences prouvées dans la gestion et/ou la coordination des projets d'infrastructures de préférence électriques, et régionales;
- de bonnes connaissances dans la préparation des Requêtes de Financement et de Dossiers de Projets y compris les Termes de Références pour des études de préinvestissement;
- des bonnes aptitudes de l'estimation des coûts financiers des projets d'infrastructures électriques ;
- des capacités à travailler avec des délais courts dans un environnement de défis;
- la capacité de travailler efficacement en équipe dans un environnement multinational avec un minimum de supervision ;
- d'excellentes qualités de négociation et de conciliation ;

- une bonne connaissance des outils informatiques et applications Microsoft Office, notamment les programmes informatiques suivants : Excel, Word, PowerPoint, Project, Courriel (courrier électronique) et l'Internet ;
- de bonnes aptitudes de communications orale et écrite avec des capacités à donner l'information de façon précise et concise;
- de bonnes aptitudes organisationnelles avec des capacités à planifier de façon efficace la charge de travail et d'effectuer simultanément plusieurs tâches ;
- une excellente maîtrise orale et écrite de l'anglais et du français.

Le Coordonnateur Technique de Projets-résident sera basé à Cotonou (Bénin) et appelé à voyager fréquemment au sein de la sous-région. Le travail peut exiger de façon occasionnelle des fins de semaines et/ou des soirées tardives de travail.

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**WEST AFRICAN POWER POOL**  
**SYSTEME D'ECHANGES D'ENERGIE ELECTRIQUE OUEST AFRICAIN**

*General Secrétariat / Secrétariat Général*

**Développement du solaire en Afrique subsaharienne**

***TERMES DE REFERENCE***

***Recrutement d'un Spécialiste Social***

***BJ-WAPP-102168-CS-INDV***

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**Septembre 2019**

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## **1. CONTEXTE**

Le Système d'Echanges d'Energie Electrique Ouest Africain (EEEAO) a été créé par la plus haute autorité décisionnelle de la Communauté des Etats de l'Afrique de l'Ouest (CEDEAO), la Conférence des Chefs d'Etat et de Gouvernement des Etats membres.

L'objectif stratégique de la CEDEAO mis en œuvre par le Système d'Echanges d'Energie Electrique Ouest Africain (EEEAO) repose sur une vision dynamique de l'intégration de l'exploitation des réseaux électriques nationaux dans un marché régional uniifié d'électricité devant permettre d'assurer à moyen et long termes un approvisionnement en énergie électrique régulier, fiable et à un coût abordable aux populations des États membres de la CEDEAO. Pour réaliser cette vision, l'EEEAO promeut et développe des infrastructures de production et de transport d'énergie électrique et à terme assurera avec l'opérationnalisation du marché, la coordination des échanges d'énergie électrique entre les Etats membres de la CEDEAO.

Le programme actuel de développement des infrastructures de l'EEEAO est basé sur le Plan Directeur de la CEDEAO pour le Développement des Moyens Régionaux de Production et de Transport d'Énergie Électrique 2019-2033, adopté par l'Autorité des Chefs d'État et de Gouvernement de la CEDEAO en décembre 2018, à travers l'Acte Additionnel A/SA.4/12/18 qui a identifié les projets prioritaires clés dont la mise en œuvre est indispensable à une intégration stable des réseaux électriques nationaux dans l'espace CEDEAO et, faciliter des échanges optimaux et la commercialisation d'énergie électrique entre les États membres. Soixante-quinze (75) projets prioritaires ont été approuvés pour un investissement total estimé à 36,39 milliards de USD impliquant entre autres la construction d'environ 23 000 km de lignes de transport d'énergie électrique et la mise en œuvre d'une capacité totale de production d'environ 15,49 GW dont 3,15 GW de production d'énergie renouvelable intermittente (solaire et éolien).

Pour soutenir la mise en œuvre de ce plan, la Banque mondiale a accordé un don au Secrétariat Général de l'EEEAO dans le cadre d'une assistance technique dénommée ("Solar Development in Sub-Saharan Africa, Project #1 Technical Assistance to EEEOA" (P162580)) pour la préparation de projets régionaux de production d'électricité solaire ainsi que des activités d'études techniques pour faciliter l'intégration des Énergies Renouvelables.

Cette assistance est prévue pour soutenir la mise en place d'un cadre propice qui permettrait d'accélérer le déploiement de centrales solaires à grande échelle dans la région couverte par l'EEEAO par l'identification de goulots d'étranglement techniques, la préparation de Parcs Solaires Régionaux et le partage des connaissances entre pays de la Région. L'assistance est mise en œuvre par le Secrétariat Général de l'EEEAO. Il est prévu que le don accordé servira à identifier et à préparer les investissements régionaux dans la production d'électricité solaire, l'infrastructure, la distribution et le stockage, ainsi qu'un soutien au renforcement des capacités avec un accent particulier sur la planification, la réglementation et les connaissances techniques et l'évaluation et la validation des ressources. Aussi, l'assistance prévoit des actions spécifiques visant à lutter contre les écarts entre hommes et femmes et à améliorer l'autonomisation des femmes ou des hommes par la formation et la certification en Energie Renouvelable Variable du personnel des membres de l'EEEAO dont au moins 15 % de femmes.

Les activités incluraient toute la liste des études préliminaires à entreprendre avant d'engager les investissements à savoir : préfaisabilité, faisabilité, sauvegarde environnementale et sociale, atténuation des impacts environnementaux et sociaux, réinstallation éventuelle de la population, structuration du projet, modalités de mise en œuvre, etc.

Dans le cadre du volet de renforcement des capacités du Secrétariat Général de l'EEEOA, il est envisagé le recrutement d'un Spécialiste Social pour appuyer l'EEEOA en vue de l'intégration des aspects sociaux dans les différentes études à mener dans le cadre de l'assistance.

## **2. OBJECTIF DE LA PRESTATION**

Le Spécialiste Social dirigera et coordonnera la planification, l'élaboration et la mise en œuvre de politiques sociales pour les projets initiés par le Secrétariat Général de l'EEEOA ainsi que l'évaluation et la gestion efficace des risques sociaux liés aux activités du projet. Cela comprend l'examen des cadres et des plans de sauvegardes sociales en collaboration avec les agences gouvernementales concernées et les groupes de bénéficiaires locaux, le traitement de la compensation, le suivi de la mise en œuvre du PGES et du PAR et le suivi de la conformité du projet aux politiques de sauvegardes tout au long de sa durée.

Le Spécialiste Social veillera au respect de l'évaluation des risques et impacts sociaux du projet en collaboration avec le spécialiste de l'environnement, en se conformant aux exigences des politiques des bailleurs de fonds en la matière et aux textes nationaux ou à défaut internationaux. Il assurera la bonne préparation et exécution du plan de gestion de l'environnement et des éventuels plans d'action de réinstallation des communautés touchées par les projets. Le titulaire du poste recherchera et maintiendra également des relations proches et interactives avec les communautés touchées, les organismes de réglementation et toutes les parties prenantes du projet. IL veillera à ce que les aspects sociaux soient pris en compte dans les études de préinvestissement des projets d'infrastructures conformément aux pratiques des institutions de financement internationales

Le Spécialiste Social sera également chargé de fournir un soutien et des ressources soutenus au personnel de l'EEEOA sur la façon de prendre en compte Genre et la manière d'éviter les violences basées sur le Genre dans leurs projets. Cela devrait inclure le soutien aux équipes de projet sur le suivi et l'évaluation des impacts liés au Genre, ainsi que le suivi et l'évaluation des aspects relatifs au Genre tels que l'inclusion sociale ou l'implication des communautés vulnérables, etc. ... dans les projets développés par le Secrétariat Général de l'EEEOA pour les sociétés membres dans leur ensemble.

## **3. ETENDUE DES PRESTATIONS DU SPECIALISTE**

Le spécialiste des garanties sociales sera chargé, sans être exhaustif des tâches clés suivantes:

- Diriger et coordonner les efforts de l'équipe chargée du suivi et de gestion du projet pour fournir des conseils et faire progresser la mise en œuvre des politiques de sauvegarde sociale dans les pays concernés par les différents projets ;
- Appliquer les mesures de sauvegarde sociales du projet telles que stipulées dans les documents de sauvegarde environnementale et sociale.
- Veiller à la mise en œuvre appropriée des mesures de sauvegarde relatives aux droits de l'homme, à la consultation et concertation publique, au règlement des différends pour les communautés touchées et à l'atténuation et à la gestion des autres impacts sociaux

- potentiels des projets ;
- ✚ Superviser la mise en œuvre de toutes les recommandations du rapport d'évaluation de l'impact social ;
  - ✚ Recenser les espaces dédiés à l'agriculture et les biens des communautés et tout autre bien affecté par le projet, évaluer les compensations, faciliter le traitement rapide et le versement d'une indemnisation par les institutions compétentes, en collaboration avec des experts désignés par les services publics d'électricité des pays concernés ;
  - ✚ Superviser l'élaboration des PAR, la consultation des parties prenantes, et garantir la qualité des rapports et des documents annexes requis
  - ✚ Produire le rapport de mise en œuvre des PAR avec toutes les pièces justificatives et preuves d'indemnisation
  - ✚ Coordonner les interactions et les activités de la communauté avec les personnes affectées par le projet (PAP);
  - ✚ Mener et encourager des programmes de sensibilisation pour informer les personnes concernées des avantages sociaux du projet.
  - ✚ Élaborer et diffuser tout moyen de sensibilisation sur les avantages sociaux du projet et assurer la diffusion de toutes les initiatives d'information ou de divulgation publiques ;
  - ✚ Assurer un suivi périodique des rapports d'étape sur la mise en œuvre des politiques et procédures de sauvegarde sociale, y compris les enseignements tirés ;
  - ✚ Effectuer des inspections régulières sur le terrain ;
  - ✚ Etablir et générer des données et des indicateurs permettant le suivi des procédures ;
  - ✚ Examiner des rapports produits par les Consultants en charge des études d'impact environnemental et social pour s'assurer qu'ils tiennent compte dimensions sociales du projet notamment des questions d'égalité des sexes et de l'autonomisation des femmes de manière adéquate ;
  - ✚ S'assurer que les commentaires sur les aspects sociaux fournis sur les différents rapports ont été correctement pris en considération ;
  - ✚ Supervisez les performances du personnel responsable des rapports, en fournissant une direction claire ainsi qu'un suivi régulier et des retours sur les performances ;
  - ✚ Produire les rapports d'activités du projet sur les sauvegardes sociales
  - ✚ Garantir la conformité des activités du projet avec les exigences en matière de sauvegardes sociales
  - ✚ Servir d'interface entre les PAP et le projet
  - ✚ Exécuter toute autre tâche du projet relative aux sauvegardes sociales.

#### **4. QUALIFICATION ET EXPERIENCE**

Le spécialiste en sauvegarde sociale doit posséder au minimum les qualifications suivantes :

- Avoir un diplôme universitaire ( Bac + 4 au moins)) en anthropologie, sociologie, sciences sociales appliquées, sciences de l'environnement ou dans une discipline apparentée;
- Avoir une bonne connaissance des politiques de sauvegardes sociales et de la règlementation en matière de gestion du foncier.
- Avoir au moins 10 ans en tant que spécialiste des sauvegardes sociales sur des projets de développement régional,
- Avoir au moins trois (03) références en évaluations environnementales et sociales, (03) en élaborations de PAR ou CPR et (02) en gestion des déplacements et règlement des conflits

dans le cadre des projets de développement (pour chaque référence, spécifier les tâches réaliser), de même qu'une expérience avec les projets financés par la Banque Mondiale et/ou de la Banque Africaine de Développement ou tout partenaire ayant les mêmes standards en matière de sauvegarde est un atout.

- Avoir une expérience internationale ou régionale dans la coordination et le travail avec des équipes multidisciplinaires et les parties prenantes du projet est souhaitable,

#### Connaissances Requises

Une excellente connaissance des domaines pertinents suivants est requise :

- Meilleures pratiques et / ou directives et procédures de la Banque mondiale sur les sauvegardes sociales, l'évaluation sociale, l'analyse sociale, les systèmes efficaces de participation des parties prenantes et de règlement des plaintes, ainsi que les réglementations et le cadre juridique régissant la gestion environnementale et sociale ;
- Structure et organisation des agences de protection de l'environnement et des autres organismes de réglementation de l'environnement dans la zone du projet ; Municipalités, comités de développement villageois
- Techniques créatives et innovantes pour la planification et la mise en œuvre de politiques de gestion environnementale et sociale.
- Pratiques et cultures des communautés affectées par le projet.

#### Aptitudes et Compétences

Les compétences suivantes sont requises pour une performance efficace des missions effectuées:

- Maîtriser les outils informatiques (traitement de textes, tableurs, gestion de projet et Internet notamment),
- Avoir une bonne expression écrite et orale en français
- Etre doté d'une excellente capacité d'analyse et de synthèse, de bonnes dispositions pour le travail en équipe et sous pression, tout en respectant les budgets et les délais.
- Capable de travailler en équipe, à superviser et à motiver une équipe de projet. Capacité démontrée à diriger des tâches opérationnelles et analytiques Une expérience de terrain est hautement souhaitable.
- Excellentes aptitudes à la décision, capacité à prendre des initiatives et à travailler de manière autonome

Il ou elle devra être aussi doté d'un sens de responsabilités aiguës, organisé, discret, rigoureux, imaginatif, proactif, méthodique, en mesure de travailler sous pression et faire preuve d'humilité dans l'approche et la collaboration avec les parties prenantes. Il devra en outre disposer d'un sens aigu du dialogue et une aptitude avérée à l'apprentissage continu.

#### Langue

Le Spécialiste social recruté doit maîtriser et parler couramment l'anglais et / ou le français et avoir une très bonne connaissance de l'autre langue.

### 5. DUREE DE LA MISSION

La mission du Consultant s'étend de la signature du contrat pour une période de 120 jours pour la première année à l'issue de laquelle le contrat sera prorogé de deux ans ou jusqu'à la fin du Programme si les performances du Consultant sont jugées satisfaisantes. La consistance des prestations du Consultant et la durée seront éventuellement révisées à la fin de la première année.

Les prestations du Spécialiste seront réalisées dans les locaux du Secrétariat Général de l'EEEOA à Cotonou sur la base d'un planning trimestriel à convenir.

## **6. OBLIGATIONS DU CONSULTANT**

Le Spécialiste social sera responsable de la réalisation des prestations décrites dans les présents termes de références. Il prendra toutes les dispositions nécessaires pour la bonne exécution et dans les délais impartis, du travail qui lui sera confié. Il devra s'engager, entre autres à :

- Entreprendre les prestations avec tout le sérieux requis conformément aux règles et aux normes internationalement reconnues ;
- Respecter les us et les coutumes des pays de la CEDEAO ou tout autre pays où il aura une mission à effectuer ;
- Garder la confidentialité des renseignements obtenus ainsi que des résultats de ses tâches durant et après l'exécution de son mandat et remettre à la fin de sa mission les documents qui lui auraient été remis.

Le Spécialiste, sera appelé à voyager fréquemment au sein de la sous-région. Le travail peut exiger de façon occasionnelle des fins de semaines et/ou des soirées tardives de travail.

## **7. EXIGENCES EN MATIÈRE DE RAPPORT**

L'étendue des prestations du Spécialiste social comprend la préparation et la soumission en temps utile des rapports et documents de qualité, rédigés selon le besoin en anglais et/ou en français .

Le Spécialiste social devra également fournir :

a. **Rapport initial :**

Le Spécialiste devra soumettre dans un délai de 4 semaines à compter de la date de début de ses prestations, un rapport initial devant contenir, entre autres, le plan de travail, la méthodologie et le planning indicatif d'exécution de la mission assignée. Ses prestations débutteront par une mission de 10 jour ouvrable au siège de l'EEEOA à Cotonou.

b. **Rapport de mission:**

Le Spécialiste devra soumettre des rapports de mission pendant la durée de son engagement.

Au terme de chaque mission assignée, le Spécialiste devra soumettre un rapport complet détaillant entre autres, les activités entreprises pendant la durée de la mission, les intrants et extrants, les résultats attendus et les livrables exigés par le Secrétariat Général de l'EEEOA et l'Agence de Financement. La soumission, les difficultés rencontrées, les leçons apprises et les approches de solutions. L'approbation de ce rapport constituera les conditions préalables au décaissement de ses honoraires au titre de la mission assignée.

Tous les documents préparés par le Spécialiste dans le cadre de la mission assignée (y compris les présentations et les commentaires annotés aux rapports) doivent figurer en annexe de chaque rapport. Lesdits rapports devront être rédigés en anglais et/ou en français selon le besoin, et soumis au plus tard le 10e jour du mois suivant la fin de chaque mission.

### **Responsable hiérarchique**

Le Spécialiste social sera placé sous l'autorité fonctionnelle du département de Planification, de Programmation des Investissements et de la Protection Environnementale du Secrétariat Général de l'EEEOA (PIPES), pendant l'exécution de la mission assignée.

Le Spécialiste social assurera la liaison avec les sociétés d'électricité membres de l'EEEOA, les ministères en charge de l'énergie, les ministères/agences de protection de l'environnement et les agences de financement. La mission assignée étant financée par la banque mondiale et de ce fait, les exigences pertinentes de la Banque seront applicables en la matière.

### **8. CONFLIT D'INTERETS**

Il s'agit d'un poste contractuel, et il reste entendu que le recrutement de candidat fonctionnaire doit satisfaire aux dispositions en vigueur telles que la clause 1.11 (d) des Directives, Sélection et Emploi de Consultants par les Emprunteurs de la Banque mondiale version janvier 2011 : « les représentants du gouvernement et les fonctionnaires peuvent être engagés pour des marchés portant sur des services de conseil, à titre individuel ou en tant que membres de l'équipe d'un bureau de consultants, uniquement (i) s'ils sont en congé sans solde ; (ii) s'ils ne sont pas engagés par l'organisme pour lequel ils travaillaient immédiatement avant leur départ en congé et (iii) si leur emploi ne donne pas lieu à un conflit d'intérêts (voir paragraphe 1.9 des Directives).

*Economic Community  
Of West African States*



*Communauté Economique  
Des Etats de l'Afrique de l'Ouest*

**WEST AFRICAN POWER POOL**  
**SYSTEME D'ECHANGES D'ENERGIE ELECTRIQUE OUEST AFRICAIN**

*General Secrétariat / Secrétariat Général*

**Regional Emergency Solar Power Intervention Project**

**(RESPITE)** Grant E1500

**Project Identification No: 179267**

***TERMES DE REFERENCE***

***Recrutement d'un expert Environnementaliste***

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## Septembre 2023

**(NO de la Banque : 27/9/2023-rev)**

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### 1. CONTEXTE

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Le programme actuel de développement des infrastructures de l'EEEAO est basé sur le Plan Directeur de la CEDEAO pour le Développement des Moyens Régionaux de Production et de Transport d'Énergie Électrique 2019-2033, adopté par l'Autorité des Chefs d'État et de Gouvernement de la CEDEAO en décembre 2018, à travers l'Acte Additionnel A/SA.4/12/18 qui a identifié les projets prioritaires clés dont la mise en œuvre est indispensable à une intégration stable des réseaux électriques nationaux dans l'espace CEDEAO et, faciliter des échanges optimaux et la commercialisation d'énergie électrique entre les États membres. Soixante-quinze (75) projets prioritaires ont été approuvés pour un investissement total estimé à 36,39 milliards de USD impliquant entre autres la construction d'environ 23 000 km de lignes de transport d'énergie électrique et la mise en œuvre d'une capacité totale de production d'environ 15,49 GW dont 3,15 GW de production d'énergie renouvelable intermittente (solaire et éolien).

Pour soutenir la mise en œuvre de ce plan, la Banque mondiale soutient le Secrétariat Général de l'EEEAO à travers plusieurs assistances techniques en vue de développer l'infrastructure régionale et mettre en œuvre des projets prioritaires définis dans le plan directeur de la CEDEAO.

Le Programme Régional d'Intervention d'Urgence dans le Secteur de l'Energie Solaire traduit en anglais (Regional Emergency Solar Power Intervention - Projet régional d'intervention d'urgence (RESPITE) P179267 constitue une partie de la réponse du Groupe de la Banque mondiale à la crise énergétique que connaît la région avec pour objectifs de contribuer à i) réduire l'incidence des prix élevés du pétrole dans ces pays, et donc fournir une marge de manœuvre budgétaire à ces pays pour faire face à la crise alimentaire résultant également de l'évolution géopolitique en Ukraine ; ii) augmenter l'offre d'énergie abordable et propre sur le réseau pour atténuer la crise actuelle de l'approvisionnement en électricité ; et iii) aider les pays à s'éloigner de la production coûteuse et polluante de fioul lourd et de diesel, réduisant ainsi les émissions de GES.

A travers ce programme, la Banque mondiale apporte un appui au Secrétariat Général de l'EEEOA pour, entre autres, poursuivre les activités de préparation des projets débutées dans la cadre d'une assistance précédente dénommée « Projet d'intégration régionale et d'assistance technique (ITAP) » finaliser et l'opérationnaliser les cadres juridiques, réglementaires et techniques pour permettre un commerce régional efficace entre les pays de l'EEEOA.

Les activités incluraient toute la liste des études préliminaires à entreprendre avant d'engager les investissements à savoir : préfaisabilité, faisabilité, sauvegarde de l'environnement, atténuation des impacts environnementaux et sociaux, réinstallation éventuelle de la population, structuration du projet, modalités de mise en œuvre.

Il est prévu dans le cadre de cette assistance au Secrétariat Général de l'EEEOA de renforcer ses capacités par le recrutement de divers experts pour soutenir l'Unité de gestion établie au sein du Secrétariat Général de l'EEEOA dont un expert en environnement pour appuyer l'EEEOA dans l'intégration des aspects environnementaux dans les différentes études à mener dans le cadre de l'assistance.

## 2. OBJECTIF DE LA PRESTATION

Dans le cadre des activités techniques de cette assistance technique financée par la Banque mondiale, le Secrétariat Général de l'EEEOA qui est en charge de l'exécution souhaite renouveler le contrat de l'expert en environnement résident précédemment recruté dans le cadre du programme solaire en vue d'accompagner l'équipe du Projet RESPITE en charge de l'exécution du programme et les pays directement concernés.

Cet expert se joindra à l'équipe du projet au sein du Département PIPES au siège de l'EEEOA à Cotonou et sera placé sous la responsabilité de son Directeur.

## 3. ETENDUE DES PRESTATIONS DU CONSULTANT

L'étendue des services de L'Expert Résident consiste principalement à renforcer la capacité de l'EEEOA et ses sociétés d'électricité membres dans la réalisation des études d'EIES de leurs projets prioritaires afin d'assurer la bonne exécution desdits projets en réduisant au mieux les risques et impacts potentiels environnementaux et sociaux et/ou en les atténuant selon les recommandations des bailleurs de fonds et les normes internationales, y compris les actions de bonifications des impacts potentiels positifs. A titre indicatif, la liste des projets prioritaires de production et de transport de l'énergie électrique a été jointe en Annexe, elle a été extraite de l'unique Annexe du plan Directeur pour le développement des moyens régionaux de production et de transport de l'énergie électrique approuvé en 2018.

La séquence des projets à développer sera déterminée par le Secrétariat Général de l'EEEOA. Il convient cependant de noter que certains des projets prioritaires visés dans le Plan Directeur se trouvent à divers stades de développement, et des études de préinvestissement sont requises pour la majorité d'entre eux, afin d'évaluer leur viabilité économique et leur faisabilité environnementale. A ce titre, l'Expert-Résident assurera entre autres le soutien au Secrétariat de l'EEEOA dans la préparation des évaluations d'impact environnemental et social (y compris les projets de centrales photovoltaïques, le tracé des lignes de transport, les PGES et les PAR qui s'y rattachent) pour les projets prioritaires de l'EEEOA, devant comprendre sans s'y limiter:

- Le conseil auprès du Coordonnateur du projet et du management du Secrétariat Général de l'EEEOA pour la prise de décision stratégique relative aux questions liées à l'environnement ;

- Le suivi et le contrôle de l'état de la mise en œuvre du plan d'engagement environnemental et social (PEES) du projet ;
- La coordination et l'harmonisation des études pour toutes les activités de l'assistance technique;
- L'appui à la mise en œuvre du Projet à travers la préparation des Termes de Référence pour les études, la fourniture d'avis techniques sur les documents de projet, la participation à la sélection des consultants, la préparation de rapports, etc.;
- La préparation les Termes de Référence (TdR) pour les tracés des lignes de transport d'énergie, et les études d'impact environnemental et social (EIES)}, l'élaboration des plans de gestion environnementale et sociale (PGES) et des plans d'action de réinstallation (PAR) pour les centrales de production de l'électricité à partir des énergies renouvelables (solaires, éoliens et hydroélectriques) ainsi que des lignes de transport électrique et cela conformément aux exigences des agences de financement et celles des pays concernés;
- La validation des TdR (ou cadrage) auprès des autorités compétentes chargées de la protection de l'environnement dans les pays bénéficiaires du projet :
- L'organisation et la participation au recrutement des consultants compétents pour la réalisation des études d'EIES/PGES, PAR et autres en rapport avec l'environnement ;
- Le respect des consultants recrutés à exécuter leur mission conformément aux exigences des pays bénéficiaires et notamment de la banque mondiale ;
- L'examen approfondi des rapports soumis par les consultants recrutés, la préparation des commentaires y afférents et la participation aux réunions d'examen des rapports. Les commentaires formulés par l'Expert Résident seront considérés une composante des résultats attendus de la mission assignée ;
- La mise en œuvre et le suivi-évaluation des PGES et PAR relatifs aux projets prioritaires de l'ÉEEOA concernant leur conformité aux exigences nationales et aux directives des agences de financement concernés ;
- L'appui et la supervision de la mise en œuvre des processus de gestion environnementale au cours de la préparation et de la mise en œuvre, du projet par rapport aux aspects environnementaux et sociaux ;
- La certitude que des consultations soient menées pour chaque sous-projet avec les principales parties prenantes et organiser des activités de divulgation pour les instruments E&S ;
- L'examen de la documentation relative au respect de l'environnement (y compris la conception des sous-projets, les spécifications, les coûts estimés des mesures d'atténuation, les documents d'appel d'offres, les clauses contractuelles, etc.);
- La préparation des états de situation, les rapports de réunions, les aide-mémoires, les profils et énoncés de projets au fur et à mesure des besoins ;
- La préparation des exposés pour présentation aux parties prenantes et aux agences de financement en vus de la mobilisation du financement pour les projets ;
- La vérification de l'efficacité et du rendement attendu des organismes d'exécution ;
- L'évaluation de toutes les questions pertinentes, et si nécessaire en se référant au Cadre Environnemental et Social et aux Directives de la Banque mondiale et les meilleures pratiques en la matière pour envisager un plan de mesures préventives ou correctives ;

- La préparation de matériels de formation et la formation des membres du personnel du Secrétariat de l'ÉEEOA et de leurs Parties prenantes (éventuellement) pour leur permettre d'assurer un suivi efficace dès l'achèvement des travaux ;
- La préparation des notes à l'attention du management de l'EEEOA, de documents de travail, de la documentation pour les réunions, des rapports de réunion ainsi que la préparation de présentations selon les besoins ;
- L'étroite collaboration avec le spécialiste chargé des questions sociales pour s'assurer que tous deux mettent en œuvre une approche de gestion intégrée des questions E&S.
- L'appui technique au coordinateur du projet en ce qui concerne la gestion E&S du projet ;
- Toutes autres tâches qui pourraient être assignées par le Secrétariat Général de l'EEEOA dans le cadre de la mise en œuvre de ses projets prioritaires.

Le Consultant appuiera l'équipe en charge de l'exécution de l'assistance technique dans la gestion technique et la coordination des différentes activités sur les projets inscrits au programme de développement de l'énergie solaire à travers les pays de la CEDEAO. Le Consultant rendra compte au Coordonnateur de Projet de l'équipe, le conseillera dans la mise en œuvre des différentes études et lui recommandera toute proposition pertinente pour assurer le succès de la réalisation des projets.

#### **4. QUALIFICATION DU CONSULTANT**

##### **Diplômes**

Maîtrise ou Diplôme d'Etudes Supérieures en Science Environnementale ou un diplôme équivalent.

##### **Expérience**

- Avoir au moins 8 à 10 ans d'expérience dans l'élaboration de politiques en matière de protection environnementale et sociale, au sein de la CEDEAO et en Afrique. Des expériences antérieures dans la préparation des études d'évaluation d'impact environnemental et social (y compris des plans de gestion environnementale et sociale, ainsi que des plans d'action de réinstallation) dans le cadre des projets énergétiques et la mise en œuvre des activités d'évaluation environnementale et sociale des plans de gestion environnementale et sociale, des audits environnementaux et sociaux ainsi que des plans d'action de réinstallation dans la sous-région ouest africaine seront considérées comme un atout.
- L'Expert consultant devra avoir une connaissance approfondie des directives, des exigences et des procédures des agences de financement en matière de protection environnementale et sociale, notamment les principes fondamentaux et les normes environnementales et sociales de la Banque mondiale, des Principes de l'Equateur, de la Banque Africaine de Développement, de la Banque Européenne d'investissement, de la Banque Islamique de Développement, du Fonds KfW, de l'Agence Française de Développement, de la BOAD, de l'USAID et de l'ONU relatifs aux évictions et déplacements engendrés par le développement;
- Faire preuve d'expérience avérée dans la préparation des Evaluations d'impact environnemental et social, des Plans de gestion environnementale et sociale, et des Plans d'action de réinstallation;
- Etre capable de travailler efficacement en équipe dans un environnement multinational et pluridisciplinaire avec un minimum de supervision ;

- Avoir une bonne connaissance des outils informatiques et applications Microsoft Office, notamment les programmes informatiques suivants : Excel, Word, PowerPoint, Project, E-mail (courrier électronique Outlook), ArcGis et Internet ;
- Etre un excellent communicateur en français et en anglais tant de vive voix que par écrit ; avoir une excellente capacité d'attention, de rédaction et d'analyse critique ;
- Avoir une excellente aptitude en élaboration et soutenance de rapports et de documents techniques ;
- Avoir la maîtrise de l'anglais ou du français avec une connaissance pratique de l'autre langue ;
- Une connaissance du Cadre environnemental et social de la Banque sera un atout.

## **5. DUREE DE LA MISSION**

La mission du Consultant s'étend de la signature du contrat pour une période de dix-huit mois renouvelable à l'issue de laquelle le contrat sera prorogé de deux ans ou jusqu'à la fin du Programme si les performances du Consultant sont jugées satisfaisantes. La consistance des prestations du Consultant sera éventuellement révisée à la fin de la première année.

Les prestations du Consultant seront réalisées dans les locaux du Secrétariat Général de l'EEEOA à Cotonou.

## **6. OBLIGATIONS DU CONSULTANT**

Le Consultant sera responsable de la réalisation des prestations décrites dans les présents termes de références. Il prendra toutes les dispositions nécessaires pour la bonne exécution et dans les délais impartis, du travail qui lui sera confié. Il devra s'engager, entre autres à :

- Entreprendre les prestations avec tout le sérieux requis conformément aux règles et aux normes internationalement reconnues ;
- Respecter les coutumes des pays de la CEDEAO et plus particulièrement du Bénin ;
- Garder la confidentialité des renseignements obtenus ainsi que des résultats de ses tâches durant et après l'exécution de son mandat et remettre à la fin de sa mission les documents qui lui auraient été remis.

Le Consultant résidera à Cotonou (Bénin) et sera appelé à voyager fréquemment au sein de la sous-région. Le travail peut exiger de façon occasionnelle des fins de semaines et/ou des soirées tardives de travail.

## **7. EXIGENCES EN MATIERE DE RAPPORT**

L'étendue des prestations du Consultant comprend la préparation et la soumission en temps utile et sur demande des rapports et documents de qualité, rédigés en anglais et/ou en français selon le besoin.

Le Consultant devra également fournir:

### **a. Rapports trimestriels**

Le Consultant devra soumettre des rapports trimestriels pendant la durée de la mission assignée.

Ces rapports devront récapituler les principales tâches qui ont été effectuées au cours de la période de référence, les étapes-clés franchies vers la réalisation de la mission, et le taux d'achèvement de la mission.

Les données financières devront comprendre les photocopies de factures du Consultant ainsi que les rapports financiers détaillant toutes les dépenses engagées, y compris les taux de rémunération du Consultant, les heures travaillées et les autres coûts directs. Tous les documents préparés par le Consultant dans le cadre de la mission assignée (y compris les présentations et les commentaires annotés aux rapports) doivent figurer en annexe de chaque rapport trimestriel. Lesdits rapports devront être rédigés en anglais et/ou en français, et soumis au plus tard le 10e jour du mois suivant la fin de chaque trimestre considéré.

**b. Rapport d'achèvement**

Au terme de la mission assignée, le Consultant devra soumettre un rapport complet détaillant entre autres, les activités entreprises pendant la durée de la mission, les intrants et extrants, les résultats attendus et les livrables exigés par le Secrétariat Général de l'EEEOA et l'Agence de Financement. La soumission, les difficultés rencontrées, les leçons apprises et les approches de solutions. L'approbation de ce rapport dans un délai de 10 jours constituera les conditions préalables au décaissement de son dernier paiement au titre de la mission assignée.

**8. RESPONSABLE HIERARCHIQUE**

L'Expert-Résident sera placé sous l'autorité fonctionnelle du Département de Planification, de Programmation des Investissements et de la Protection Environnementale du Secrétariat Général de l'EEEOA (PIPES), pendant l'exécution de la mission assignée.

L'Expert-Résident assurera la liaison avec les sociétés d'électricité membres de l'EEEOA, les ministères en charge de l'énergie, les ministères/agences de protection de l'environnement et les agences de financement. La mission assignée étant financée par la banque mondiale et de ce fait, les exigences pertinentes de la Banque seront applicables en la matière.

**9. CONFLIT D'INTERETS**

Il s'agit d'un poste contractuel, et il reste entendu que le recrutement de candidat fonctionnaire doit satisfaire aux dispositions en vigueur telles que la clause 1.11 (d) des Directives, Sélection et Emploi de Consultants par les Emprunteurs de la Banque mondiale version janvier 2011 : « les représentants du gouvernement et les fonctionnaires peuvent être engagés pour des marchés portant sur des services de conseil, à titre individuel ou en tant que membres de l'équipe d'un bureau de consultants, uniquement (i) s'ils sont en congé sans solde ; (ii) s'ils ne sont pas engagés par l'organisme pour lequel ils travaillaient immédiatement avant leur départ en congé et (iii) si leur emploi ne donne pas lieu à un conflit d'intérêts (voir paragraphe 1.9 des Directives).

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Economic Community  
Of West African States



Communauté Economique  
Des Etats de l'Afrique de l'Ouest

**WEST AFRICAN POWER POOL**  
**SYSTEME D'ECHANGES D'ENERGIE ELECTRIQUE OUEST AFRICAIN**  
*General Secretariat / Secrétariat Général*

**REGIONAL EMERGENCY SOLAR POWER INTERVENTION PROJECT-RESPITE-RITA**  
**Grant E1500**  
**Project Identification No: 179267**

**TERMS OF REFERENCE**

**Project Accountant**

September 2023

## **1. Background**

The West African Power Pool (WAPP) was established by the highest Decision-making Authority of the Economic Community of West African States ECOWAS) and the Conference of Heads of States and Government of the Member States.

It aims at integrating the national power systems into the unified regional power market, so that such a mechanism would, over the medium to long term ensure to the ECOWAS citizens, access to adequate power quality at an affordable price, and ensure the economic development of the Member States. To achieve this goal, WAPP's mission is to promote and develop power generation and transmission infrastructure and coordinate the exchange of electrical energy as well between ECOWAS Member States.

The current WAPP infrastructure development programme is based on the ECOWAS Master Plan for the Development of Regional Power Generation and Transmission Infrastructure 2019-2033, adopted by the ECOWAS Authority of Heads of State and Government in December 2018, through the Supplementary Act A/SA.4/12/18 which identifies key priority projects whose implementation is essential for the stable integration of national electricity grids in the ECOWAS region and, to facilitate optimal trade and marketing of electricity between Member States. The Master Plan identified seventy-five (75) priority projects that were approved with an estimated total investment of USD36.39 billion involving, among other things, the construction of approximately 22,932 km of high-voltage power transmission lines and the implementation projects of a total power generation capacity of approximately 15.49 GW. including 3.15 GW of intermittent renewable energy production (solar and wind).

To support the implementation of this plan, the World Bank provided a grant to the WAPP Secretariat as part of a technical assistance called **Regional Emergency Solar Power Intervention Project, Project #1 Technical Assistance to WAPP (P179267)** to rapidly increase grid-connected renewable energy capacity and strengthen regional interconnection in participating countries.

This assistance is intended to support (i) the installation of solar and hydropower generation and battery storage capacity with near-term (about 3-year) O&M contracts for the provision of solar supply; (ii) as needed, necessary grid connection infrastructure; (iii) grid modernization and upgrades to ensure effective penetration of variable solar generation and (iv) capacity building among the implementing agencies and technical assistance for greater regional integration. The assistance is implemented by the WAPP Secretariat and the participating countries.

It is expected that the grant will be used to finance all costs associated with the Design, Supply and Installation (DSI) and O&M for the first three years of the solar PV power plants and any associated works for grid connection. Finance all costs associated with expansion of the Mt. Coffee Hydro Power plant by installing two new turbines and also expansion of an existing 88 MW MCHPP by adding an additional capacity of 41 MW to increase the installed capacity of the project to 129 MW. Upgrade of distribution and transmission networks in Sierra Leone and Togo to help the newly installed capacity to be connected to regional interconnectors and/or reach national populations. Regional Coordination, Institutional Strengthening, Implementation Support and Technical Assistance.

The WAPP Secretariat will implement Component 4D (RITA) which includes technical assistance activities. This is a continuation of the successful implementation arrangements for Component 2 of the WAPP-CLSG Interconnector Project (P113266).

## **2. Objectives**

The objectives of the Project Accountant are to assist in the processing of all accounting related issues and to provide support by coordinating all activities related to the financial services and management of the project.

## **3. Scope of services**

The Project Accountant shall support the WAPP in all aspects of financial planning, accounting, budgeting, auditing and management of the project funds with a view to ensuring a transparent and efficient financial management system for the Project. The Consultant shall ensure that any matters are promptly and appropriately handled.

### **Key Duties and Responsibilities of the Accountant shall include, but not limited to :**

- a) Supervise and ensure that projects' financial management systems are functioning appropriately;
- b) Support the WAPP Secretariat to carry out all necessary transactions related to accounting, cash records and banks;
- c) Properly undertake reliable book keeping and maintenance of accounting records and prepare quarterly financial reports of the project and for presentation at periodic Project Planning and Review Meetings;
- d) Support the WAPP Secretariat to manage the finances and accounts; of the project on a routine basis according to the World Bank fiduciary policies, requirements and procedures;
- e) Monitor the dedicated bank account, prepare disbursement request and prepare interim reports;
- f) Support the WAPP Secretariat to process all payments and Financial Accounting of the project and ensure timely payment for services providers on the project including payment to Panel of Experts and Consultants;
- g) Examine budget estimates or proposals from across WAPP for completeness and accuracy, as well as conformance with established procedures, regulations, and organizational objectives;
- h) Employ cost-benefit analysis to review financial requests, assess program tradeoffs, and explore alternative funding methods;
- i) Examine past and current budgets and research economic and financial developments that affect the organization's spending;
- j) Submit budget summaries to Director of A& F for approval, and provide assistance in analyzing the proposed plan and devise possible alternatives if projected results are unsatisfactory;
- k) Monitor the budget periodically throughout the year by reviewing reports and accounting records to determine if allocated funds have been spent as specified;
- l) Draft reports periodically between the approved budget and actual performance, providing reasons for variations along with recommendations for new or revised budget allocations;

- m) Recommend program cuts or reallocation of funds to avoid or alleviate deficits;
- n) Inform Director of A & F and program managers of the status and availability of funds in different budget accounts, and assess programs' efficiency and effectiveness;
- o) Participate in long-range planning activities such as projecting future budget needs;
- p) Participate in developing guidelines and policies governing the formulation and implementation of the budget;
- q) Prepare periodic financial statements and reports in compliance with the finance agreement with the World bank. Provide auditors all information needed for the preparation of financial statements;
- r) Carry out any other duties that may be assigned by the Client's Coordinator and from time to time for effective implementation of the project.
- s) Prepare annual financial statements for the project and provide necessary information/documentation to the external auditors during their annual exercise.
- t) Follow-up on issues raised in the external auditor's Management Letter and report to Management on any outstanding issues.

#### **4. Deliverables**

The deliverables include, but not limited to:

- Timely and regular financial statements;
- Timely bank reconciliation statements;
- Properly documented and managed financial records;
- Quarterly interim reports, budget and work plans;
- Annual report summarizing all quarterly reports;
- Other relevant documents, where required
- Monitoring and project progress reports, where required.

#### **5. Minimum Qualifications / Skills and Knowledge Required:**

##### **Education**

A professional qualification in accounting (ACCA, CIMA, CA) with a minimum of 5 years working experience, or a bachelor's degree in accounting, finance, business, public administration, economics, or statistics with a minimum of seven years' experience (a postgraduate qualification such as MBA, MSc in the relevant field would be an added advantage prefer masters or MBA).

##### **Experience**

Minimum of 5-7 years (or an equivalent combination of related education, training, and experience shall be considered):

- a) Experience in the preparation of financial statements in accordance with recognized international standards;
- b) Demonstrated statistical, quantitative and analytical skills;

- c) Several years' relevant experience in a small or medium-sized organization (up to 100 employees); at least one-year budget-related or finance-related work experience desired;
- d) Experience with word-processing programs and financial software packages used in budget analysis. Knowledge of accounting software is highly desirable including the World Bank's financial accounting and reporting systems;
- e) Strong oral and written communications skills with a proven ability to convey information clearly and concisely and to defend budget proposals to decision-makers;
- f) Ability to coordinate cross-departmental effort to achieve common goals on time;
- g) Strong organizational skills with the ability to prioritize workload, handle multiple tasks simultaneously and attend to detail;
- h) Conversant with World bank financial reporting guidelines and reporting requirements;
- i) Demonstrated integrity, objectivity, and confidentiality;
- j) Language: Fluent in English or French with a good working knowledge of the other.

## **6. Commitment Period**

The duration of the Contract extends from the date of signature for a renewable period of one year, at the end of which the Contract will be extended for two years or until the end of the project if the annual performance of the Officer is deemed satisfactory.

The Project Accountant's services will be carried out at the WAPP Secretariat in Abomey-Calavi.

## **7. Consultants' Obligations**

The Project Accountant shall be responsible for the performance of the services described in these terms of reference. He will take all necessary measures to ensure that the work entrusted to him is carried out properly and on time. S/he will have to commit, among other things, to:

- a) Undertake the services with all the seriousness required in accordance with internationally recognized rules and standards;
- b) Respect the customs and values of ECOWAS countries and more particularly Benin;
- c) Maintain the confidentiality of the information on obtained and the results of his/her tasks during and after the execution of his/her mandate and return the documents provided to him/her at the end of the mission.

The Consultant will reside in Cotonou (Benin) and will be required to travel frequently within the sub-region. The work may occasionally require weekends and/or late nights of work.

## **8. Reporting requirements**

The Consultant's scope of service includes the preparation and timely submission of quality reports and documents, written in English and/or French as required. The Consultant shall provide :

- a) Initial report:

The Consultant shall submit an initial report within 4 weeks from the date of his entry into service in Cotonou, containing, among other, the work plan, methodology and timetable for the execution of the assigned mission.

b) Quarterly reports:

The Consultant shall submit quarterly reports during the duration of the assigned assignment. These reports should summarize the main tasks that were carried out during the reporting period. All documents prepared by the Consultant shall be included as an annex to each quarterly report. Such reports shall be written in English and/or French and submitted no later than the 10th day of the month following the end of each relevant quarter.

c) Completion report:

At the end of the assigned assignment, the Consultant shall submit a full report detailing, among other things, the activities undertaken during the duration of the assignment, inputs and outputs, expected results and deliverables required by the WAPP Secretariat. The approval of this report will be the preconditions for the disbursement of its last payment for the assigned mission.

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