

REPUBLIC OF CONGO
MINISTRY OF AGRICULTURE, LIVESTOCK AND FISHERIES
AGRICULTURAL DEVELOPMENT PROJECT KUWAIT FUND
PROJECT MANAGEMENT UNIT

(Kuwait Fund Loan Agreement No. 1038 of December 29, 2020)

TERMS OF REFERENCE FOR THE CONSULTING SERVICES

Project Name: Agricultural Development Project

I. Context and Rationale

The Republic of Congo and the Kuwait Fund for Arab Economic Development (Kuwait Fund) signed, on December 29, 2020, a Financing Agreement, for the implementation of an Agricultural Development Project (PDAFK), and it is intended to use part of the funds for consulting services.

The PDAFK's development objective is to improve agropastoral and fishery production through the rehabilitation of agricultural, livestock, fish production and marketing infrastructures. The project supports economic and social development in certain agricultural areas of Pool and Brazzaville. The expected increase in agricultural, livestock and fishery production, the creation of new job opportunities, the reduction of poverty in the Project areas and the improvement of beneficiaries' income will contribute to the implementation of the government strategy of food and nutritional security.

The PDAFK mainly consists of civil engineering and electromechanical works for the construction and rehabilitation of infrastructure in the targeted areas: irrigation, water supply, access roads, electricity, multi-purpose buildings, laboratories, poultry houses, equipment and others.

This project is under the supervision of the Ministry of Agriculture, Livestock and Fisheries (the Ministry), the main beneficiary of the funds.

In accordance with the procurement procedures applicable to the Kuwait Fund, Kuwaiti Consulting Firms (KCFs) must form joint ventures with Local Consulting Firms (LCFs) and bid together. The procurement procedure will be carried out in two steps, a prequalification step followed by invitation to bid step. Step One will be carried out before joint venture formation and should generate two separate short lists, qualified KCFs on sole basis and another short list of qualified LCFs on sole basis. Step Two is to invite the shortlisted KCFs as the lead consultant to choose a partner from the shortlisted LCFs and bid together as a joint venture. The names and contact details of the shortlisted LCFs will appear in the tender document that the KCFs will receive. The bids shall be submitted in two separate envelopes, the technical proposal envelop and the financial offer envelop each so marked. The selected joint venture (hereinafter is referred to as the consultant) will sign a contract with the Ministry. The Project Management Unit (PMU) of the Ministry will be in charge of oversight of Project implementation.

II. Scope of Consulting Services

The scope of the consulting services is to:

- Carrying out the Environmental and Social Impact Assessment Study and monitor the implementation of its recommendations.

- Coordinate with the PMU to identify the lands required for the new structures to be built.
- Carry out needs assessment studies in the Project target areas for the next 20 years.
- Carry out engineering design related to rehabilitation works and new structures taking into consideration land topography, hydrology and seismic activity.
- Examine the quality of water produced from the bore holes in each site to ensure adherence to drinking water standards. If the quality is not suitable for human consumption, propose treatment measures.
- Coordinate with the PMU the grouping of works under well-defined lots.
- Prepare tender documents inclusive of engineering designs for each lot for the selection of contractors.
- Assist the PMU, and any evaluation committee to be established, for the evaluation of submitted bids including award recommendations.
- Supervise the execution of works contracts.
- Prepare (a) inception report, (b) monthly progress reports and (c) Project completion report.

III. Project Description

The Project aims to support economic and social development in five areas, namely Kombé, Right Bank of Djoué river, Dzoumouna, Nkouo and Imvouba, through the rehabilitation of infrastructure, to improve agricultural production, livestock and fishing facilities, support beneficiaries, improve relevant agro-industrial production and create better conditions for marketing agricultural products. Thus, the increase in agricultural, livestock and fishery production, the creation of new employment opportunities, the reduction of poverty in the project area and the improvement of beneficiaries' income will support the government's food security strategy.

The Project involves civil and electromechanical works for the construction and rehabilitation of infrastructures in the targeted areas.

For Kombé, the project concerns the Agricongo market garden site and the laboratory construction site. The project will:

At the Agricongo market garden site:

- Rehabilitate the existing irrigation system;
- Build a drinking water supply system to serve the area, partly through connection to the public network, in addition to new drilling wells;
- Construct a meeting and training building including all required services.
- Rehabilitate livestock shelters and build a slaughterhouse and a cold room.
- Build a perimeter wall around areas with production equipment for security purposes;

At the laboratory construction site:

- Rehabilitate and construct buildings for the central biotechnology laboratory for agricultural research and experiments, including all required services except equipment.
- Rehabilitate and construct buildings for the central veterinary laboratory for the diagnosis and treatment of animal diseases, including all required services except equipment;

For the Right Bank of Djoué river, the project concerns the market gardening sites of Nsougui in Bikakoudi. The project will:

In Nsoungui :

- Rehabilitate the existing irrigation system;
- Build a water supply system;
- Rehabilitate existing agricultural service roads with a length of approximately 2 km;
- Build 6 livestock shelters and a cold room;
- Build a perimeter wall around areas with production equipment for security purposes;

In Bikakoudi and others

- Rehabilitate the existing irrigation system;
- Build a water supply system;
- Build a perimeter wall around areas with production equipment for security purposes;
- Rehabilitate and build around 17 livestock shelters and build a slaughterhouse and 3 cold rooms;

For the national fish farming station of Dzoumouna

- Build a water supply system;
- Build a collection and decantation device;
- Rehabilitate the existing main canal carrying river water with a total length of approximately 700m;
- Rehabilitate secondary supply canals with a total length of approximately 1020 m;
- Construction of 3 precipitation basins and 44 ponds and 12 storage tanks for aquaculture purposes;
- Rehabilitate and equip 5 administrative buildings and a training building;
- Build and equip a boarding school for learners;
- Build a perimeter wall around areas with production equipment for security purposes;
- Rehabilitate the fish feed production unit, purchase and install the required equipment;
- Build and install equipment for an aquaculture research laboratory with a hatchery;
- Acquisition of a baby fish (fry stage) transport vehicle;
- Acquisition of a fish food transport vehicle;
- Rehabilitate 7 livestock shelters.
- Build a solar system for electricity production;

For the New Agricultural Village of Nkouo

- Rehabilitate the existing drinking water supply system;
- Build and equip a poultry feed manufacturing unit;
- food storage building;
- stainless steel breeding cages for 40 chicken coops;
- Build 40 chicken houses for rearing of egg laying chickens;
- Acquire and install a cold room;
- Acquire and install a photovoltaic system for electricity production;
- Rehabilitate and equip the meeting room;
- Build and equip 40 residential buildings for farmers/operators;
- Acquire 2 vehicles for transporting poultry feed and for the refrigerated transport of eggs.

For the New Agricultural Village of Imvouba

- Rehabilitate the existing drinking water supply system;
- Rehabilitate 45 chicken houses;
- Rehabilitate and equip the chicken slaughterhouse (slaughter lines, slaughter equipment, scalding tanks, cold chain, etc.);

- Build and equip a poultry feed manufacturing unit;
- Install and equip automated feeding and watering systems;
- Build a food storage building;
- Build and equip 4 breeding houses for chicken meat production;
- Rehabilitate and equip the meeting room;
- Acquire and install a photovoltaic system for electricity production;
- Build and equip 45 residential buildings for farmers/operators;
- Acquire 2 vehicles for transporting poultry feed and for the refrigerated transport of slaughtered chicken.

IV. Project Areas

The Project will be carried out in agricultural areas of Pool and Brazzaville, more precisely on the following sites:

- New agricultural village of Imvouba (Nagbé district, Pool department);
- New agricultural village of Nkouo (Ignié district, Pool department);
- Right bank Djoué, from Nsougui to Bikakoudi (arrondissement 8 Madibou, Brazzaville);
- Kombé (arrondissement 8 Madibou, Brazzaville);
- Dzoumouna (Goma Tsé-Tsé district, Pool department).

Interested consultants may refer to the Project's feasibility study for more precise information on the intervention sites: www.pdakmaep.cg

V. Description of Tasks and Expected Results

The consultant's tasks are those of the (1) investigation and discovery phase, and (2) supervision and monitoring of project execution phase.

1. Investigation and Discovery Phase:

For the New Agricultural Village of Nkouo

- Make an inventory of all existing agropastoral and administrative buildings;
- Georeferencing the site;
- Analyze the existing irrigation system and water supply source and make solution proposals for rehabilitation;
- Analyze the existing electrical network and electromechanical devices and make proposals likely to improve working or production conditions and the living conditions of agricultural households;
- Study the marketing circuit for livestock products on the site and propose improvements;
- Before the work, do/develop:
 - carry out investigation and discovery study;
 - alternative engineering solutions for each infrastructure;
 - preliminary engineering design studies including drawings of each infrastructure;
 - construction plans for each infrastructure;
 - the estimated cost for each infrastructure;
 - work schedules for each infrastructure;
 - the tender documents for each infrastructure;
- During the work:
 - ensure permanent monitoring and control of all work;

- make any proposals for improving the quality of the works;
- report the progress of the work each month to the project management unit including interim reports as requested;
- coordinate the individual reports of all specific experts and work in synergy with the entire technical committee and the Government.
- At the end of the work:
 - produce a final completion report.
- Propose the list of equipment to be acquired, as well as the technical specifications and ensure quality control after installation and at start-up.

For the New Agricultural Village of Imvouba

- Make an inventory of all existing agropastoral and administrative buildings;
- Georeferencing the site;
- Analyze the existing irrigation system and water supply source and make solution proposals for rehabilitation;
- Analyze the existing electrical network and electromechanical devices and make proposals likely to improve working or production conditions and the living conditions of agricultural households;
- Study the marketing circuit for livestock products on the site and propose improvements;
- Before the work, develop:
 - carry out investigation and discovery study;
 - alternative engineering solutions studies for each infrastructure;
 - preliminary engineering design studies including drawings of each infrastructure;
 - construction plans for each infrastructure;
 - the estimated cost for each infrastructure;
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 - coordinate the individual reports of all specific experts and work in synergy with the entire technical committee and the Government.
- At the end of the work:
 - produce a final completion report.
- Propose the list of equipment to be acquired, as well as the technical specifications and ensure quality control after installation and at start-up.

For market gardening sites: Bikakoudi , Nsougui and Kombé

- Take stock of each site on the right bank going from Nsougui to Bikakoudi and Kombé ;
- Georeferencing sites;
- Take stock of existing agropastoral and administrative buildings;
- Analyze the existing irrigation system and water supply source and make proposals;
- Identify and note possible defects in access roads and the level of service of said roads and make proposals;
- Study the existing electricity network likely to improve the working conditions of actors

and their production;

- Study the marketing circuit for market gardening products on the site and propose improvements;
- Study the input supply system for market gardeners on the sites;
- Develop, after diagnosis, the framework for estimated quotes for infrastructure works and other prescribed activities;
- Coordinate the individual reports of all specific experts and work in synergy with the entire technical committee and the Government;
- Produce an interim and final report.

For the construction of the phytosanitary laboratory

- Lay out the sites of the buildings to house the phytosanitary laboratory to be built;
- Georeferencing the site;
- Carry out the demarcation of the building construction site;
- Develop architectural plans for administrative buildings and related works to be constructed;
- Establish a development plan for green spaces and roads around buildings;
- Produce the electricity plan for buildings and other works;
- Produce the water supply plan for buildings and other structures;
- Develop the framework for estimated quotes for infrastructure works;
- Coordinate the individual reports of all experts and work in synergy for any activity with the entire technical committee and the Government;
- Produce an interim report and a final report.

For the construction of the veterinary laboratory

- Lay out the sites of the buildings to house the veterinary laboratory to be built;
- Georeferencing the site;
- Carry out the demarcation of the building construction site;
- Develop architectural plans for administrative buildings and related works to be constructed;
- Establish a development plan for green spaces and roads around buildings;
- Produce the electricity plan for buildings and other works;
- Produce the water supply plan for buildings and other structures;
- Develop the framework for estimated quotes for infrastructure works;
- Coordinate the individual reports of all experts and work in synergy for any activity with the entire technical committee and the Government;
- Produce an interim report and a final report.

Dzoumouna State Fish Farming Station

- Make an inventory of all existing fish farming structures and administrative and technical buildings;
- Georeferencing the site;
- Carry out a technical analysis of the drinking water supply and pond supply system and make proposals;
- Identify and note defects in access roads and the level of service of said roads;
- Study the existing electrical network and electromechanical devices likely to improve the

- living conditions of fish farmers and their production;
- Study the system of conservation, disposal and marketing of fishery products at the sectoral, national and sub-regional level;
- Study the marketing circuit for fish farming products on the site and propose improvements;
- Coordinate the individual reports of all specific experts and work in synergy for any activity with the entire technical committee and the Government;
- Produce an interim report and a final report.

2. Supervision and Monitoring of Project Execution Phase

The consultant will have the following tasks:

- monitoring of works in all Project sites;
- control and monitoring of infrastructure work;
- monitoring the implementation of environmental and social safeguard measures;
- control and monitoring of equipment installation; and
- reporting.

Specifically, the consultant's tasks during the execution of the Project are as follows:

In the start-up phase of the work, the consultant must:

- exchange with the Ministry and the PMU to review contractual documents and to approve the execution schedule for the first two (2) months presented by the contracting company, and if necessary, reframes the parameters indicated to make the organization of the site more efficient;
- contribute to raising awareness about the consistency of the work;
- provide the contracting company with information on the site sign;
- check and approve the layout and marking of the work in the presence of the contracting company;

During the work, the consultant must:

- ensure continuous and permanent monitoring of the work and assistance to the Project in resolving problems related to the execution of the work.
- organize site visits with a view to identifying difficulties encountered, monitoring the quality of the work and giving all necessary instructions to ensure the continuation of the work in the best possible conditions;
- maintain communications with all stakeholders;
- keep a triplicate site notebook in which he must record his observations and recommendations on the quality of the work and the management of the site (the original will be removed by the consultant or its representative after approval from the contracting company; the duplicate and the counterfoil remaining permanently at the site office.

At the end of the work, the consultant must:

- check, before acceptance of the work, the withdrawal of the Company's equipment and materials and establish a Site restoration report duly signed by the local authorities;
- organize the technical acceptance of the work and the monitoring of the lifting of any reservations;
- contribute to the organization of the reception of works.

VI. Team Composition

The consultant must arrange and maintain a team composition of around 50% from each joint venture partner and must provide the following expertise:

Number	Job	Qualification criteria
1	head of mission	Bac +5 in civil engineering, rural engineering, architecture or equivalent diploma, with experience coordinating a multidisciplinary team; - have carried out at least one similar mission; - have a good knowledge of IT tools (word processing, spreadsheet, etc.);
1	A specialist in crop production	Bac +5 in agronomy or rural development, with experience in conducting surveys and studies;
1	A specialist in animal production	Bac +5 in zootechnics or veterinary sciences, with experience in conducting surveys and studies;
1	An agroeconomist	Bac +5 in agroeconomics or rural development, with experience in conducting surveys and studies
1	A specialist in electromechanics	Bac +3 in electromechanics or equivalent, with proven experience of teamwork
1	A specialist in agricultural development	Bac +5 in hydraulics, civil engineering or equivalent, with experience in conducting surveys and studies;
1	A specialist in environmental and social safeguards	Bac + 5 all disciplines.
1	A procurement specialist	Bac + 5 all disciplines.
1	Topographer	Surveyor engineer
1	infrastructure specialist (building)	Civil engineer
1	specialist in rural animation and communication (cooperative specialist)	Agricultural engineer or equivalent diploma

A team assigned to each site including:

- a team leader;
- two assistants including a civil engineer or a polytechnician responsible for the daily supervision and control of infrastructure works;
- a supervisor.

VII. Working Methodology

To carry out this mission, the consultant will have to stay in the Republic of Congo and visit all the sites, all located around Brazzaville. He will have to discuss with Government experts (Ministry of Agriculture, Livestock and Fisheries, Ministry of Land Affairs, certain technical departments), beneficiaries, village chiefs if applicable, the Management Unit of the Project and other stakeholders. This will allow it to propose everything with perfect knowledge of other sectoral projects and programs and the Government's objectives and strategies on agricultural development.

VIII. Criteria for qualification

Qualifications of interested KCFs and LCFs will be evaluated initially on sole basis (standalone) to generate two separate short lists, one for KCFs and another for LCFs, provided that the two lists contain equal number of firms. The evaluation criteria will be on the basis of either qualified or unqualified. Shortlisted KCFs, as the lead consultant, are invited to choose a partner from the shortlisted LCFs and bid together as a joint venture.
