

TERMS OF REFERENCE

POSITION TITLE:	Consultant specialized in the assembly and use of Drones for civil use
POSITION TYPE:	Individual Contract
AGENCY/PROJECT NAME:	UNCDF: Sustainable Development and Poverty Reduction
DUTY STATION:	Burkina Faso, Ouagadougou
STARTING DATE:	21 October 2021
DURATION OF CONTRACT:	2 months

1) Background

The UN Capital Development Fund (UNCDF) facilitates access to public and private capital for the poorest populations in the world's 46 least developed countries (LDCs). As part of its mandate to provide capital and investment instruments, UNCDF offers "last mile" financing models to unlock public and private resources, including at the national level, to reduce poverty and encourage local economic development. UNCDF's financing models operate through three axes, namely: 1) inclusive digital economies, which connect individuals, households and small businesses to financial ecosystems that catalyze participation in the local economy and provide tools to overcome poverty and manage their financial lives; 2) financing for local development, which enables municipalities to boost local economic expansion and sustainable development through fiscal decentralization, innovative municipal financing and structured project finance; and 3) investment finance, which provides catalytic financial structuring, risk reduction and deployment of investments to foster the impact of the SDGs and resource mobilization at the national level.

UNCDF's digital strategy aims to leave no one out of the digital age. UNCDF supports the promotion of inclusive digital economies at national and regional levels, in close coordination with governments, regulators, the private sector and academia. Particular attention is paid to the development of appropriate services to bridge the digital divide and empower key customer segments (youth, women, migrants, refugees, and micro-small and medium-sized enterprises). The approach is organized into four areas: policies and regulations, open digital payment ecosystem, inclusive innovation, and customer empowerment: <https://www.uncdf.org/article/4931/global-strategy-leaving-no-one-behind-in-the-digital-era>.

UNCDF is implementing its inclusive digital economy strategy that leaves no one out of Burkina Faso. UNCDF supports Burkina Faso in the implementation of its development priorities through several projects. As part of the reinforcement of these interventions UNCDF has established a partnership with the Ministry of Digital Economy, Posts and Digital Transformation to support the implementation of the National Strategy for the Development of the Digital Economy (SN@DEN) 2018 – 2027. Support covers several activities, including capacity building in connection with Program 5 entitled "Capacity to build human capital, support innovation and capitalize on national expertise". Thus, to contribute to achieving the results of this component, series of trainings will be conducted with the support of the consultants who will be selected.

The overall objective of this activity is to provide training on the assembly and use of drones for civilian use for the benefit of MENPTD executives, students, and professionals in the sector to support the development process of the inclusive digital economy in Burkina Faso.

2) Description of Responsibilities

Under the responsibility of the Country Manager, UNCDF's technical specialist in Burkina Faso, the Consultant specialized in the assembly and use of drones for civilian use will perform the following activities and deliverables.

- I. Preparation of tools for training on the assembly and use of drones**
 - a. identify training needs in the assembly and use of drones;
 - b. training themes related to needs;
 - c. offer training modules in the assembly and use of drones;
 - d. design training manuals according to the modules offered;

- e. develop a training plan and an indicative timetable;
- f. offer a training catalogue.

II. Administration of training in the assembly and use of drones

- a. Prepare workshops and practical work for training
- b. Former three hundred (300) people (MENPTD executives, students, professionals in the sector) including one hundred (100) women in two (2) regions (Ouagadougou et Bobo Dioulasso) of Burkina Faso;
- c. Prepare a detailed report of the trainings in each locality.

3) Expected deliverables

- (1) Tools for training on the assembly and use of drones are available Timeline: Week 4
- (2) Three hundred (300) people (MENPTD executives, students, professionals in the sector) including one hundred (100) women trained in two (02) regions (Ouagadougou and Bobo Dioulasso) of Burkina Faso in the assembly and use of drones for civil use Timeline: Week 8

4) Competencies

Competencies related to the function:

- Ability to establish strong working relationships with institutions and administrators of various stakeholders.
- Ability to work in a multicultural environment and be aware of political sensitivities.
- Ability to think and act strategically.
- Be able to listen and collaborate with a wide range of actors.
- Be able to work independently and proactively.

Time management:

- Ability to work on multiple opportunities across different sectors while meeting deadlines and managing time efficiently.

Partnership and Networking:

- Ability to build relationships and develop a network of relevant external contacts, as well as internally within different teams.

Change Management:

- Ability to assemble and fly civilian drones.

Knowledge Management and Training:

- Excellent skills in mounting and piloting civilian drones

5) Qualifications

Education

- A Master's degree (BAC+5) in aeronautical project development, prototyping, engineering, or a related field is mandatory

Experience

A minimum of 5 years of relevant work experience in the field of assembly and piloting of drones for civil use; mandatory. Proven knowledge of the national and international regulations governing the use and operation of drones

- Experience in the design of training modules; mandatory
- Experience in adult education; compulsory
- Knowledge in the field of remote control, numerical simulation, micromechanics; mandatory
- Relevant previous work experience in drone operations is considered a distinct advantage.

Languages

- Have a good command of written and spoken French and knowledge of English Language.

6) Duration of Assignment and Travel

Duration of Assignment

The mission will have a duration of two (2) months.

Travel

The consultant will have to provide a lump sum budget in the financial proposal to cover the cost of travel during the training sessions outside Ouagadougou and the travel costs are at his/her expense.

7) Progress Controls & Payments

Payment shall be made only upon satisfactory completion and UNCDF's written acceptance of each deliverable. Dully approved by the Country Lead and authorization of payment by the Financial Manager. The disbursement of the final payment will require an evaluation of the consultant's performance.

Specific deliverables will include:

Deliverables	Target Due Dates	Approximate % of Payment
Deliverable 1: Tools for training on the assembly and use of drones validated	Week 4	40%
Deliverable 2: The training report on the assembly and use of drones for civilian use including the list of three hundred (300) people (MENPTD executives, students, professionals in the sector) including one hundred (100) women trained in two (02) regions (Ouagadougou and Bobo Dioulasso) of Burkina Faso	Week 8	60 %

8) Application Procedure

Interested persons must submit the documents mentioned below in the form of proposals to demonstrate their qualifications (Editor's note: the system does not allow multiple downloads of documents. Applicants must ensure that they upload all documents in a single PDF file):

- A letter of introduction with a summary of competencies for these terms of reference and a CV.
- Date of availability at the earliest.
- Completed and signed P11 Personal History Form including the names and contacts of 3 reference persons (available via http://sas.undp.org/documents/p11_personal_history_form.doc).
- Technical and financial proposal signed for the entire mission (available at http://procurement-notices.undp.org/view_file.cfm?doc_id=29916).

8) Evaluation

Step I: Long list

Applications will be screened and only applicants who meet the following mandatory criteria will progress to the pool for shortlisting

- A Master's degree (BAC+5) in aeronautical project development, prototyping, assembly, or a related field is mandatory
- A minimum of 5 years of relevant work experience in the field of drone assembly and piloting; mandatory.
- Experience in the design of training modules; mandatory
- Experience in adult education; mandatory
- Knowledge in the field of remote control, numerical simulation, micromechanics; mandatory

- Have a good command of written and spoken French and knowledge of English Language.

Step II: Shortlist (70 of technical assessment points)

The evaluation panel shall meet to establish a shortlist based on the following criteria with the corresponding points (100 points):

- A Master's degree (BAC+5) in aeronautical project development, prototyping, assembly, or in a related field (20 points)
- A minimum of 5 years of relevant work experience in the field of drone assembly and piloting (20 points)
- Experience in the design of training modules (15 points)
- Experience in adult education (15 points)
- Knowledge in the field of remote control, numerical simulation, micromechanics (15 points)
- Relevant previous work experience in drone operation is considered a distinct advantage (10 points)
- Have a good command of written and spoken French and knowledge of English Language (5 points)

Step III: Financial Evaluation

Only candidates who have obtained scores above 70% of the technical assessment will be considered technically qualified and will be subject to further examination for a financial assessment.

The following formula will be used to evaluate the financial proposal: lowest proposal/price of the evaluated proposal x 30%.

Award criteria

The contract is awarded to the best candidate whose bid has been evaluated and determined as:

Responsive/compliant/acceptable; and having received the highest combined weight (technical scores) 70% + financial 30% = 100%.

Individual consultants and persons employed by a company or institution are invited to apply.

Anyone employed by a company or institution who would like to submit an offer in response to a supply notice for IC must do so on an individual basis (provide a CV so that their qualifications can be judged accordingly). Female-owned applicants or businesses are strongly encouraged to apply.

This TOR is approved by

Signature

Name and Designation: Janine Ouattara, Responsable Pays UNCDF-Burkina Faso

Date of Signing 01 October 2021

GL Unit	Account	Award	Fund	Dept	PC Unit	Project	Activity	Impl. Agent	Donor	Amount (USD)
UNCDF	71300	00115623	G2950	82303	UNCDF	00113154	OUTPUT .1.1	001971	00155	