

Scope Brief

PCD Reference: PCD-CS-0598-TEP-5118010

Title: Provision of Services for use of technologies in environmental monitoring of the Houbara Protected Area

Project Background

Based on the role of the Environment Agency - Abu Dhabi (EAD) in organizing and implementing environmental laws, EAD has allocated a large number of environmental Rangers to ensure the prevention of environmental violations throughout the Emirate of Abu Dhabi (inside and outside the Protected Areas). The Houbara Protected Area, the subject of this request, is considered one of the most important Protected Areas in Abu Dhabi and one of the largest in terms of area.

Objectives

Finding the best way to monitor and prevent any violations or intrusions into the Houbara PA using modern technologies that can reduce costs and efforts and increase efficiency. And to ensure that violations are monitored immediately and find a mechanism to report them as quickly as possible to take the necessary measures, while ensuring that evidence is obtained, such as photos or videos.

Houbara Protected Area location

The Houbara PA, also known as Baynunah, is located in the Al Dhafra region. Its area is 2,492 square kilometers and its perimeter is 214 km.

Project Scope of work

Providing the full services of study, evaluation, supply and supervision necessary to establish an integrated monitoring network for the Houbara Protected Area.

The project proposal must provide the number of drones necessary to cover the area, the installation of at least 9 fixed surveillance cameras at the main gates of Al Houbara PA, the availability of monitoring services 24 X 7 and the provision of data should be more than 95% that meets the data quality standards agreed with EAD, any solutions other than the drone that can be presented independently in technical and financial offers, responsibility for the operation of all devices and equipment used for surveillance, practical notification method in the event of any violation or illegal intrusion of the protected area, responsibility for supplying, processing and operating all computers or servers to store data, providing a mechanism to transfer this data to the Environment Agency whenever necessary, determining launch and landing sites for drones, identifying areas that must be connected to power lines, and finally responsibility for maintenance, whether periodic or emergency, providing and replacing any Spare parts for all devices and equipment used during the contract period.

Delivrables

The expected results of the project will be as follows: Periodic Reports, Live Video Feeds, Recorded Video Footage, Photographic Documentation, Drone surveillance service, Data submission, Geospatial Data, Tabular Data, Data Analytics and Insights, Incident Alerts, Customized Dashboards, Documentation & Compliance Reports and Training.

General Terms

All applicants have the right to conduct a field visit to the protected area before submitting the application, the contractor must clarify the proposed design in the submitted technical proposal, the contractor must determine project requirements, such as Aircraft landing areas, the number of offices required, the number of employees who will monitor, and the points that must be connected to electricity, the contractor is responsible for submitting a monthly report on the observations and violations monitored in accordance with the Environment Agency standards, and the contractor will secure all types of NOCs, permits and any other coordination work with the Abu Dhabi Government. Authorities when necessary.

Time Frame:

The duration of the contract is will be 3 years.