TERMS OF REFERENCE

TECHNICAL SUPPORT FOR GIS DATA GENERATION, MANAGEMENT AND ANALYSIS

UNIT: IUCN Centre for Mediterranean Cooperation
ORGANIZATION: International Union for Conservation of Nature (IUCN)
LOCATION: Centre for Mediterranean Cooperation, Malaga, Spain
EXPECTED START DATE: 1 October 2017
TYPE OF CONTRACT: Consultancy
CLOSING DATE: 24 September 2017

BACKGROUND

The International Union for Conservation of Nature (IUCN) is the world’s oldest and largest global environmental organization, with more than 1,200 government and NGO members and almost 11,000 volunteer experts in some 160 countries. IUCN’s work is supported by over 1,000 staff in 45 offices and hundreds of partners in public, NGO and private sectors around the world.

The mission of the IUCN Centre for Mediterranean Cooperation (IUCN-Med) is to influence, encourage and assist Mediterranean societies in achieving both the conservation and sustainable use of natural resources, and sustainable development.

With a strong focus on biodiversity, nature conservation, protected areas and ecosystem services, IUCN-Med provides valuable input into ongoing policy debates in these areas, as well as a broad platform for discussions thanks to its varied membership.

OBJECTIVE AND SCOPE OF WORK

Under the direct supervision of the Mediterranean Species Programme, the consultant will provide support regarding GIS data generation, management and analysis. This will include the following tasks (not exhaustive):

- Mapping species distribution in GIS based on information included in SIS database and according to IUCN Red List mapping standards.
- Keep up to date and improve local database on Mediterranean Red Listed species
- Support editing of species account in SIS, especially regarding distribution related parameters (extent of occurrence, area of occupancy).
- Design a proposal of tables of attributes for the shapefiles related to IUCN Freshwater KBAs and keep it up to date. This should consider improving and updating the current tables design with information about trigger species, focal areas and taxonomic groups.
- Carry out analysis of the spatial distribution of threatened species to be included in reports and articles
- Assist in drafting contents and maps for the IUCN Mediterranean website.
- Assist in the development of story-maps for publication in the IUCN Med web portal according to available template and,
- Assist in writing reports, press releases, publications, etc. related to the work carried out.

DELIVERABLES

The outputs of this consultancy will be:

- Quarterly reports of the work carried out are to be submitted along with invoices.
• All GIS data and files should be provided to IUCN Med.

SUPERVISION AND COLLABORATION

The Consultant will work under the supervision of IUCN Mediterranean Species Programme. To coordinate the work regular meetings with the team, preferably by Skype but also face-to-face if needed, are expected.

BUDGET AND TIMELINE

The maximum budget available for this consultancy is Euro 26.500,00 (all taxes included). Proposals with larger amounts should be clearly justified. Travel costs for two meetings with the Supervisor should be included.

The technical support shall be expected to start in October 2017 for a duration of 12 months.

SKILLS AND EXPERIENCE REQUIRED OF CONSULTANT(S)

The consultant (or consultant team) is expected to have the following skills and expertise:

- Advanced degrees in environmental sciences, biology, ecology, GIS analysis, or related discipline
- Proven experience in IUCN Red List assessment methodology, management of IUCN Red List related databases, consistency check, reporting and GIS mapping for Red List
- Advanced command of GIS software, in particular ArcGIS
- Excellent writing skills in English, and working knowledge of French and/or Spanish
- Strong organizational and communication abilities, including attention to detail
- Ability to work remotely with little oversight and under pressure, and to set own work priorities as appropriate with capacity to meet deadlines
- Working experience in the Mediterranean region context

APPLICATION

The IUCN invites individual consultants or consultancy teams to indicate their interest in providing their services. Interested consultants must provide:

- Letter of interest with an outline of working methodology and financial offer
- CV of the candidate/es with demonstrated experience on the relevant tasks

All offers will be evaluated based in: (i) proposed methodology, (ii) the expertise of the candidate/es in relation with the tasks, (iii) financial offer.

The application documents should be sent by email catherine.numa@iucn.org and violeta.barrios@iucn.org, no later than 24 September 2017.

Please note that only selected applicants will be contacted.

Interested consultants may obtain further information at the e-mail-address: catherine.numa@iucn.org