

### Terms of Reference for Individual Contractor

Post Title:	<b>International Consultant - Climate Modelling Expert</b>
Anticipated Starting Date:	<b>As soon as possible</b>
Duration:	<b>The expected duration of the work is up 6 months, with the possibility of an extension</b>
Language(s)	<b>Fluency in English and proficiency in Arabic is desirable.</b>
Location:	<b>Riyadh, Saudi Arabia</b>
Project:	<b>United Nations Environment Programme (UNEP)</b>
National or International consultancy:	<b>International Consultant</b>

#### **A. Project Title**

Climate Modelling Expert

#### **B. Project Description**

##### **Organizational Setting:**

The United Nations Environment Programme (UNEP) is the leading global environmental authority that sets the global environmental agenda, promotes the coherent implementation of the environmental dimension of sustainable development within the United Nations system and serves as an authoritative advocate for the global environment. The Regional Office for West Asia delivers advisory services and capacity building support to countries to achieve environment and sustainable development objectives. This consultancy is established at the West Asia Office within the framework of the Strategic Cooperation Agreement between UNEP and the Ministry of Environment, Water and Agriculture of the Kingdom of Saudi Arabia. The Consultant will report to the Programme Manager at UNEP West Asia Office.

#### **C. Duties and Responsibilities**

Under the direct supervision of the Programme Manager in UNEP West Asia Office and in coordination with the respective department in the Ministry of Environment, Water and Agriculture in Saudi Arabia and the National Centre for Meteorology, the Consultant will carry-out, inter alia, the following duties and responsibilities:

- Planning, strategic support and supervision regarding the implementation of the initiative to establish a climate change center, in addition to verifying the validity of the center's outputs.
- Review the research in the field of climate change, for example, scientific papers, reports and available data on historical and future climatic changes of precipitation, rain, temperatures and other climatic elements on the Kingdom, including extreme weather phenomena such as severe droughts, floods and dust storms.
- Preparing reports for the development of climate modeling at the center and the climate projection operations.
- Organizing training and advisory workshops regarding verification of climate forecasts/climate modelling.
- Conducting scientific research on various topics in climate change and climate modeling for the purpose of development, innovation and scientific research.
- Preparing reports on climate reporting scenarios for the Kingdom and the region in general.

#### **D. Expected Outputs and Deliverables**

The consultant will be expected to deliver the following outputs:

- Climate modelling report.
- Training and advisory workshops conducted.
- Scientific research on climate change and climate modelling.

#### **E. Institutional Arrangement**

The consultant will be supervised by the Programme Manager in UNEP West Asia Office in close collaboration with the National Center for Meteorology and the relevant department in the Ministry of Environment, Water and Agriculture of Saudi Arabia.

#### **F. Duration of the Work**

The contract duration will be for an initial period of six months with a possibility of extension subject to continuation of mandate, availability of funding and satisfactory performance.

#### **G. Duty Station**

This assignment will be based in Riyadh, Saudi Arabia.

##### **Travel:**

- UNDP/UNEP will cover the cost of travel of the individual to the duty station, as well as their return to their home upon completion of their services. Travel costs are covered only in the event that the function will be undertaken physically in the duty station and exclude working from home arrangements.
- Include any official travel expected to be associated with performing the functions.
- Any change to the preliminary travel plan/schedule above, in such cases, UNDP/UNEP will cover travel costs in accordance with corporate regulations and rules.
- If unforeseen travel outside the assigned duty station is requested by UNDP/UNEP and not required by the Terms of References (ToR), such travel shall be covered by UNDP/UNEP in line with applicable rules and regulations and upon prior written agreement. In such cases, the consultant shall receive living allowances not exceeding the United Nations (UN) Daily Subsistence Allowance (DSA) rate for such other location(s).
- **Note:** A written approval from UNDP/UNEP and relevant authorities will be required to facilitate the consultant's travel to other locations than Riyadh on official missions where necessary.

#### **H. Scope of Price Proposal and Schedule of Payments**

All proposals must be expressed in a lump sum amount. This amount must be "all-inclusive". Please note that the terms "all-inclusive" implies that all costs (professional fees, living allowances, communications, consumables, etc.) that could possibly be incurred are already factored into the final amounts submitted in the proposal.

Payments shall be made to the individual contractor upon successful completion and certification by UNDP that services have been satisfactorily performed, based upon the actual number of working days.

Payment shall be made as a deliverables-based lump sum payment, to be paid in instalments. The schedule of payment will be distributed upon satisfactory submission of the deliverables listed in the table hereunder:

Payment	Deliverables/Milestones	Schedule
Monthly Payment	Monthly payment upon submission and acceptance of the monthly working plan and successful delivery of outputs.	Monthly

## **I. Qualifications of the Successful Individual Contractor**

### **Education Qualification.**

Master's degree in climate and climate change science or related sciences such as Maths, Physics, Environment, Computer sciences or equivalent degree etc. PhD is an asset.

### **Work experience:**

Minimum of 10 years of experience in global and/or regional climate modelling

### **Competencies:**

- Conceptualizes and analyses problems to identify key issues, underlying problems, and how they relate;
- Ability to identify beneficiaries' needs and to match them with appropriate solutions.
- Shares knowledge and experience and provides helpful feedback and advice;
- Excellent communication and interview skills (with groups and individuals);
- Excellent interpersonal skills and is able to negotiate with diplomacy and tact.
- Focuses on results for the client and responds positively to feedback.
- Ability to handle a large volume of work, possibly under time constraints.
- Strong time management and sensitive deadline abilities.
- Remains calm, in control and works well under pressure;
- Excellent report writing skills.

### **Required skills and competencies:**

- Generate global temperature and precipitation climate scenarios
- Downscale global climate model data.
- Knowledge of climate computer operating systems, software and tools.

### **Desired additional skills and competencies**

- Work experience in international publication on climate and climate change related issues.
- Work experience on data management and analysis.
- Work experience on organizing training and workshops.
- Teamwork and communication skills.
- Knowledge of environment issues in Saudi Arabia is an asset.

### **Required Language(s) (at working level)**

Fluency in written and spoken English is required, proficiency in Arabic is preferred

## Professional Certificates

- Training courses and workshops on climate change and related issues.
- Member on global or regional climate change centres, departments and institutes.

## J. Recommended Presentation of Offer

For purposes of generating Offers whose contents are uniformly presented and to facilitate their comparative analysis, it is best to recommend the preferred contents and presentation of the Offer to be submitted, as well as the format/sequencing of their presentation. The following documents may be requested:

- a) Duly accomplished **Letter of Confirmation of Interest and Availability** using the template provided by UNDP.
- b) **Personal CV or P11**, indicating all experience from similar projects, as well as the contact details (email and telephone number) of the Candidate and at least three (3) professional references.
- c) **Financial Proposal** that indicates the all-inclusive total contract price, supported by a breakdown of costs, as per template provided. The term “all-inclusive” implies that all costs (professional fees, travel costs, living allowances, communications, consumables, etc.) that could possibly be incurred are already factored into the final amounts submitted in the Proposal. If an Offeror is employed by an organization/company/institution, and he/she expects his/her employer to charge a management fee in the process of releasing him/her to UNDP under Reimbursable Loan Agreement (RLA), the Offeror must indicate at this point, and ensure that all such costs are duly incorporated in the financial Proposal submitted to UNDP.

## K. Evaluation

Individual consultants will be evaluated based on the following methodologies:

### **Step I: Screening and desk review:**

Individual consultants will be evaluated based on the following methodology.

**Technical Criteria (CV review and Desk Review/Interview optional) – maximum 70 points.** Only candidates who obtained **at least 70% of points from the CV desk review (who will score at least 49 points)** will be considered for the next stage of evaluation, i.e. financial evaluation.

Applications will be first screened and only candidates meeting the following minimum criteria will progress to the pool for shortlisting:

- Master’s degree in climate and climate change science or related sciences such as Maths, Physics, Environment, Computer sciences or equivalent degree etc. PhD is an asset.
- Minimum of 10 years of experience in global and/or regional climate modelling
- Required skills and competencies in generation of temperature and precipitation climate scenarios. Downscaling global climate model data.
- Knowledge of climate computer operating systems, software and tools.
- Work experience in international publication on climate and climate change related issues.
- Work experience on data management and analysis.
- Work experience on organizing training and workshops.
- Teamwork and communication skills.

- Knowledge of environment issues in Saudi Arabia is an asset.
- Fluency in written and spoken English is required, proficiency in Arabic is preferred
- Training courses and workshops on climate change and related issues.
- Member on global or regional climate change centres, departments and institutes.

Only candidates obtaining a minimum of 49 points (70% of the total technical points) would be considered for the Financial Evaluation.

<b>Weight Per Technical Competence</b>	
5 (outstanding): 96% - 100%	The individual consultant/contractor has demonstrated an OUTSTANDING capacity for the analyzed competence.
4 (Very good): 86% - 95%	The individual consultant/contractor has demonstrated a VERY GOOD capacity for the analyzed competence.
3 (Good): 76% - 85%	The individual consultant/contractor has demonstrated a GOOD capacity for the analyzed competence.
2 (Satisfactory): 70% - 75%	The individual consultant/contractor has demonstrated a SATISFACTORY capacity for the analyzed competence.
1 (Weak): Below 70%	The individual consultant/contractor has demonstrated a WEAK capacity for the analyzed competence.

UNDP applies the “**Best value for money approach**” – the final selection will be based on the combination of the applicants’ qualification and financial proposal.

#### **Financial proposal – Maximum 30 points**

- Duly accomplished Confirmation of Interest and Submission of Financial Proposal Template using the template provided by UNDP (Annex II)

#### **PRICE PROPOSAL AND SCHEDULE OF PAYMENTS**

##### **The contractor shall submit a price proposal as below:**

The total professional fee shall be converted into a lump-sum contract and payments under the contract shall be made on submission and acceptance of deliverables under the contract in accordance with the schedule of payment linked with deliverables. Financial proposal should include all relevant cost (consultancy fees, all envisaged travel costs, living allowances, etc.).

##### **Financial evaluation - Total 30% (30 points)**

The following formula will be used to evaluate the financial proposal:

$p = y (\mu/z)$ , where

p = points for the financial proposal being evaluated

y = maximum number of points for the financial proposal

$\mu$  = price of the lowest-priced proposal

z = price of the proposal being evaluated

**Interested applicants are advised to carefully review this advertisement and ensure that they meet the requirements and qualifications described.**

*Given the volume of applications that UNDP receives, only shortlisted offerors will be notified.*

**UNDP reserves the right to reject any incomplete applications.**

**Please be informed that we don't accept applications submitted via email.**

Interested Offerors are required to submit an application via UNDP Jobsite system as the application screening and evaluation will be done through UNDP Jobsite system. Please note that UNDP Jobsite system allows only one uploading of application documents, so please make sure that you merge all your documents into a single file. Your online application submission will be acknowledged where an email address has been provided. If you do not receive an email acknowledgement within 24 hours of submission, your application may not have been received. In such cases, please resubmit the application if necessary. Please combine all your documents into one (1) single PDF document as the system only allows to upload a maximum one document.

Any request for clarification/additional information on this procurement notice shall be communicated in writing to UNDP office or send to email [mohammed.abbas@undp.org](mailto:mohammed.abbas@undp.org) with a copy to [nora.alzahid@undp.org](mailto:nora.alzahid@undp.org). While the Procurement Unit would endeavour to provide information expeditiously, only requests receiving at least 3 working days prior to the submission deadline will be entertained. Any delay in providing such information will not be considered as a reason for extending the submission deadline. The UNDP's response (including an explanation of the query but without identifying the source of inquiry) will be posted in the Individual Consultant (IC) Procurement Notice page as provided above. Therefore, all prospective Offerors are advised to visit the page regularly to make obtain update related to this Individual Consultant (IC) Procurement Notice

**UNDP is committed to achieving workforce diversity in terms of gender, nationality and culture. Individuals from minority groups, indigenous groups and persons with disabilities are equally encouraged to apply. All applications will be treated with the strictest confidence.**

**UNDP does not tolerate sexual exploitation and abuse, any kind of harassment, including sexual harassment and discrimination. All selected candidates will, therefore, undergo rigorous reference and background checks.**

*In view of the volume of applications UNDP receives, only shortlisted offerors will be notified.*

## **L. Approval**

**This TOR is approved by:** *[indicate name of Approving Manager]*

Signature \_\_\_\_\_  
Name and Designation \_\_\_\_\_  
Date of Signing \_\_\_\_\_