

National Consultant to support on implementation Climate Action for Human Security in Iraqi Al Hwaizeh Marshlands Project

Location	Home- based -Missan governorate
Type of contract	Individual contract
Expected Start Date	16 th Jan,2021
Post type	National Consultant
Duration of Initial Contract	100 working days within a period of 12 months starting from 16 th Jan,2021 up to end of Dec,2021

1-Background

Iraq suffers from extremism in its environmental conditions that lead to floods in winter and droughts in summer, and climate change is one of the important causes of this extremism, which needs an urgent response that reduces the negative impacts that may affect local communities and prevent internal displacement and external migrations. Drought episodes are common throughout Iraq and have produced enormous economic, environmental and social impacts, Climate-induced droughts have increasingly affected the marshlands in the South of Iraq and poor water quality is prevalent and is another cause for displacement and migration.

Climate change may well pose an existential threat to returning internal displaced people, men will continue to be forced to leave the marsh homelands and their traditional occupations to seek employment in urban centers, leading to further fracturing of family and social networks, with rising temperatures and reduced upstream headwater flows, climate change will lead to numerous adverse impacts on returning communities including exacerbation of water pollution/scarcity, intensification of disaster shocks, and threats to public health.

UNDP Regional bureau for Arab states (RBAS) have initiated a new regional project (the SDG-Climate Facility Project) that aims to enhance the capacity of regional and national institutions to address climate change in a way that brings benefits across multiple development goals, while also reducing the impacts of conflict and crises, Iraq is one of eight Arab countries to implement a project that develop initiatives to demonstrate innovation and scalability in achieving a nexus between climate action, SDGs and crisis prevention/recovery.

2-Project scope of work

UNDP Iraq seeks to implement a 2-year Project in Iraqi Al Hwaizeh Marshlands, in cooperation with the Iraqi Ministry of Health and Environment (MoHEnv) and the local government in Missan and other key stakeholders.

Specifically, the project takes a nexus approach to addressing climate change, deep poverty, water insecurity, and human displacement pressures by focusing on two complementary components:

Component 1. Introduce an Innovative solutions for clean water, wastewater treatment and climate security in AlHawizeh marsh communities through:

- a) procurement and installation of off-grid solar PV system for purified drinking water, that will offer a simple and cost-effective safe drinking water to households,
- b) TOT training the local institutions on Operation and maintenance
- c) Awareness activities targeted the local communities.
- d) Wastewater management through constructed wetland Pilot in a sustainable water treatment. The main advantages of such systems are their efficiency (combines biological, chemical and physical processes)

Component 2: Support on Livelihood diversification and ecotourism to raise household income and protect ecosystem services, thereby enhancing resilience against future climate-related displacement among marsh communities, through:

- a) Development of regulatory, environmental and investment guidance materials, sustainable tourism minimum standards, and enforcement protocols for compliance with ecotourism guidelines.
- b) Implementing Ecotourism Facilities consists of welcome center and guest house (in an architectural style compatible with traditional structures), market area, Dock for canoes. Wildlife observation towers.
- c) Capacity building and awareness activities targeted communities (especially women)

In addition to numbers of assessments and analysis studies that will be conducted like (multi criteria assessment for villages selection, gender assessment, Technical feasibility studies and Environmental impact assessment for the project facilities, Market assessment.

Under the Project on Climate Action for Human Security in Al Hwaizeh Marshlands, UNDP's Iraq is planning to hire national Consultant (based in Missan)

3-Key Tasks and Responsibilities

Under the overall supervision of UNDP/EECC Portfolio Program manager, the National Consultant will provide support to the international consultant and the Project manager /Project focal point in implementation of the project activities, he/she will work closely with the Project technical committee , local institutions in Missan, to achieve the following deliverables including work progress reports :

Pre-implementation assessments of project facilities

1- Conduct consultation meetings with communities' stakeholders to explain the project, address questions, and seek their engagement, with an emphasis on the need to hear women's perspectives within these consultations.

2- Support in preparation of Multi-criteria assessment for the transparent villages selection to be covered by drinking water and wastewater treatment systems using Multidimensional Poverty Index (MPI) and available gender-disaggregated data.

3- Coordinate with Local institutions for project sites selection, land use official approvals, land ownership and any other related requirements needed for the creation of project facilities (drinking water/wastewater treatment systems and ecotourism complex),

4- Support on preparation of Market assessment, if the drinking water and wastewater treatment systems are available locally.

Preparation processes for the Bidding

5 - Provide Support on preparation of the technical feasibility studies for Project facilities(drinking water treatment ,waste water treatment systems and ecotourism complex) , and provide inputs to bidding process, contribute in the preparation of the bid documents , Bill of Quantities and technical specifications , this may include various data gathering, analyses and site visits. Also

6 - Provide support on preparation of wastewater treatment wetland Pilot and ecotourism facilities' designs, in coordination with the local institutions.

7 - Support the consultancy company responsible for the preparation of Environmental Impact assessment studies of the Project facilities and liaise with the authorized entity for getting the official approval,

Bidding Process and project facilities supervision (preliminary stages)

8 - Follow-up the procedures after assignment the bids to the company / contractor, including all official documents related to the import of materials and equipment and customs clearance to ensure that imported / local materials arrive in a timely manner to the project sites, to avoid any delay in the implementation stage.

9- Supervision and monitoring the site works , and ensure effective and efficient execution in good quality and within the technical specification and the allocated time.

4.Reporting and coordination:

-The national consultant (hired under UNDP's Individual Contract modality) will report directly to UNDP Project Manager and head of EECC pillar.

-S/he will be guided technically by the international consultant.

-The UNDP Country Office will provide support for organizing virtual meetings, face to face meetings and workshops, provision of other supporting functions and certify the quality of deliverables for payment.

5.Expected Outputs and timeline

The key deliverables of the national consultant will be:

Deliverables/ Outputs	Estimated Duration to Complete	Estimated Target Due Dates	Review and Approvals Required	Payment Terms
Deliverable 1&2	15 working days	30 th March	Project Manager and Programme Manager	15%

Deliverable 3&4	25 working days	15 th June	Project Manager and Programme Manager	25%
Deliverable 5	25working days	30 th Sep.	Project Manager and Programme Manager	25%
Deliverable 6&7	20working days	15 Oct.	Project Manager and Programme Manager	20%
Deliverable 8&9	15working days	15 Dec	Project Manager and Programme Manager	15%

6.Administration and reporting

The consultancy will be Home Based, with travel to project sites as needed with total 100 working days over a period of 12 Months to start by 16th of Jan to 31st Dec,2021

UNDP will provide administrative support to the national consultant throughout the implementation of this service. However, he/she should be proactive in making appointments, organizing discussions and consultation meetings with key stakeholders, as needed/appropriate.

The candidate will attend number of meetings in Missan governorate and in certain location in Baghdad (three visits, 3 days/each), he /she needs Transport, DSA /Travel cost and communication fees of (mobile cards and internet rent) to communicate with the project stakeholders.

7.Duration

The contract is effective from the date of signature by UNDP Iraq and the Individual Consultant. Contract duration is 12 months

8.Qualifications:

The successful candidate will have a multi-disciplinary and professional background including Development, Environmental science, Engineering, Climate Change and strong coordination skills with national and Iraqi institutions and strong communication skills with the local communities in Missan,

The following attributes are *essential*:

- A. BSc in Environmental Engineering or relevant fields
- B. More than 20 years of technical experience in Engineering projects implementation, Operation & Maintenance.
- C. Experience in supervision of engineering projects related to water and sanitation, and data management for the reporting of work progress.
- D. Proven ability to communicate with the local communities.
- E. Proven ability to work with multi-disciplinary teams and liaison with local authorities in Missan governorate and central institutions.
- F. Previous experience in working with UN agencies or other international Agencies.
- G. Preference will be given to those among the residents of Missan.
- H. Fluency in English, both written and oral.

9. Payment

The consultant must send a financial proposal for a total number of 100 working days. The proposed fee shall quote an all-inclusive budget for the contract period. The term “all-inclusive” implies that all costs (professional fees, communications, Transport, DSA and travel costs, consumables, etc.).

10. Application

The application should contain:

- Technical proposal (showing the candidate’s understanding of the assignment requirements, proposed approach, proposed analytical framework or analysis tools);
- Financial proposal; and,
- Updated CV to include qualifications/competencies and relevant past experience in similar projects and contact details of 2 professional referees who can certify the candidate’s competencies, professionalism, quality of presentation and overall suitability for this assignment.

11. Criteria for Selection of The Best Offer

Individual consultants will be evaluated based on the following methodology:

- Cumulative analysis
- When using this weighted scoring method, the award of the contract should be made to the individual consultant whose offer has been evaluated and determined as:
 - a) responsive/compliant/acceptable, and
 - b) Having received the highest score out of a predetermined set of weighted technical and financial criteria specific to the solicitation:
 - * Technical Criteria weight; [70]
 - * Financial Criteria weight; [30]

Criteria		Max. Point 100	Weight
Technical	Relevance and responsiveness of candidate’s past experience and qualification based on submitted documents: <ul style="list-style-type: none">• BSc in Environmental Engineering or relevant fields (20 points)• More than 20 years of technical experience in Engineering projects implementation, Operation & Maintenance. (20 points)• Experience in supervision of engineering projects related to water and sanitation, and data management for the reporting of work progress. (25 points)• Proven ability to communicate with the local communities. (5 points)• Proven ability to work with multi-disciplinary teams and liaison with local authorities in Missan governorate and central institutions. (5 points)• Previous experience in working with UN agencies or other international	100 Points	70%

	Agencies. (5 points) <ul style="list-style-type: none">• Preference will be given to those among the residents of Missan. (15 points)• Fluency in English, both written and oral (5 points)		
Financial	<u>Lowest Offer / Offer*100</u>		30%
Total Score = (Technical Score * 0.7 + Financial Score * 0.3)			

Only candidates obtaining a minimum of 70 points of the 100 points in the Technical Evaluation will be considered for the Financial Evaluation.

Criteria	Weight	Max. Point
Technical	70%	70
Financial	30%	30
Total	100%	100

Total Score

- The technical score attained at by each proposal will be used in determining the Total score as follows:
- The weights given to the technical and financial proposals are: T= 0.7, F=0.3
- The Total score will be calculated by formula: $TS = St \times 0.7 + Sf \times 0.3$
- TS - Is the total score of the proposal under consideration
- St - is technical score of the proposal under consideration.
- Sf - is financial score of the proposal under consideration.