

Terms of Reference

National or International consultants: National

Description of the assignment (Title of consultancy): Procurement for the services of an Air Emissions Expert for the Lebanon Environmental Pollution Abatement Project.

Project Title: Lebanon Environmental Pollution Abatement Project (LEPAP).

Period of assignment/services: 60 working days spread out over a period of 18 months (Extension may be applied).

1. Background

In order to ensure a smooth transition for Lebanon to environmental sustainability, the Government of Lebanon, through the Ministry of Environment has requested the support of the World Bank and the Italian Government to establish the Lebanon Environmental Pollution Abatement Project (LEPAP) as a national initiative to respond to the challenges for promoting the financial and environmental sustainability of the industrial sector in Lebanon.

The LEPAP project was initiated in 2014 and is implemented in close partnership with the Ministry of Environment, Ministry of Finance, Banque Du Liban (BDL), the World Bank and the Italian Cooperation in Lebanon. LEPAP aims at reducing industrial pollution in targeted industrial enterprises and will contribute to strengthening the monitoring and enforcement capabilities of the Ministry of Environment.

LEPAP consists of two main components: (A) Technical Assistance Component funded by the Italian Cooperation, and (B) Investment Component funded by the World Bank (WB).

Under the Technical Assistance Component, the Italian Cooperation has approved the allocation of a financial contribution to the United Nations Development Program (UNDP) to provide technical assistance for the project and to support in the overall management of the project activities. This support will contribute at strengthening the capacity of the Ministry of Environment (MOE) in the management of industrial pollution, and in monitoring and enforcement of the newly introduced Environmental Compliance Decree. These ToRs relate to the technical assistance component of the project.

2. Scope of work, responsibilities and description of the proposed analytical work

The Consultant shall perform all the services/work as necessary to fulfill the objectives of the consultancy contract.

More particularly, the Consultant will be expected to carry out tasks such as:

1. Review relevant literature related to the LEPAP project, with particular focus on the World Bank Environmental and Social Assessment of the LEPAP project, Operational Policy (OP) and Bank

Procedure (BP) 4.01: Environmental Assessment, the Project Appraisal Document, air emission national standards, and any other documents as provided by the project;

2. Review relevant literature related to the potential LEPAP sub-project as needed;
3. Ensure that the proposed sub-project follows the environmental requirements related to air emissions set out in the Environmental and Social Management Framework (ESMF);
4. Seek or review offers and/or any other available documentations in view of assessing the technical and financial feasibility of the proposed air emission pollution abatement sub-project;
5. Conduct field visits to the relevant project sites as needed and conduct necessary assessment to the air emissions within the facility;
6. Submit a technical report in line with the LEPAP project's requirements including a quantitative assessment of estimated pollution reduction for specific or all air pollutants as required/discussed with the project team;
7. Support the LEPAP team in monitoring the implementation of air emission pollution abatement interventions and in submitting related reporting requirements;
8. Provide technical support to the LEPAP project in the evaluation and processing of air emission related technical information as needed.

3. Expected Outputs and deliverables

The Consultant will be expected to provide technical support related to potential LEPAP sub-projects on a need basis. During the fulfillment of the tasks under this agreement, the Consultant will ensure regular communication with the project team and will ensure a timely delivery of the expected outputs and will regularly inform the project team of the progress as well as any obstacles that might occur.

The consultant is expected to submit one report for each assigned task.

The following deliverables requirements will apply to this agreement:

- 48hrs to 72hrs for urgent opinions.
- Provision period of other required services will be defined upon each UNDP's demand.
- The workload might however be distributed unequally over time with more and less intense periods of work.
- Deliverables are agreed upon with the Project Manager based on the defined tasks.

4. Institutional arrangements

The Consultant will work under the direct supervision of the Project Manager. The Consultant shall make his own arrangements for all transportation required to perform the required tasks including site visits to industries. When possible, the project will provide support service and / or logistical support (excluding transportation to the office and communication costs) during this assignment.

5. Duration of work

The expected duration of the contract is **18 months** from date of contract signature with an assigned **60 working days**. It should be noted that the current assignment can be subject to extension as needed and upon mutual agreement between the Project Manager and the Consultant.

6. Duty station

The assignment requires deskwork, research, meetings, fieldwork as well as coordination between the different related entities. The Consultant is expected to consider that he/she will perform the needed work in his/her own premises, using his/her own property and technology, and hold direct responsibility for the quality of delivered outputs.

7. Requirements for experience and qualifications

I. Academic Qualifications:

- Master degree in environmental engineering, environmental sciences, chemistry, air pollution assessment and dispersion modeling or other related fields;
- PH.D. in environmental engineering, environmental sciences, chemistry, air pollution assessment and dispersion modeling or other related fields.

II. Years of experience:

- Minimum 10 years of relevant professional experience;

III. Technical experience:

- Technical expertise in air pollution reduction in the industrial sector;
- Knowledge of World Bank safeguards policies is an asset;
- Proven experience in air pollution compliance related matters including monitoring and legal requirements;
- Sound previous experience in similar projects related to air emission pollution reduction.

IIV. Competencies:

- Proficiency in English and Arabic languages. French is an asset
- Demonstrable analytical skills and report writing skills;
- Excellent proven management and communication skills.

8. Scope of Price Proposal and Schedule of Payments

Payment will be made against each requested and completed task and upon submission of certificate of payment based on work-days, IC time sheets, submissions (tasks/deliverable, timesheet, and payment request) shall be approved by the Project Manager.