

Terms of reference

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| <i>Job Opening number</i> | : | 18-United Nations Environment Programme-107521-Consultant |
| <i>Job Title</i> | : | National Consultancy to support NBB and NAP updates for Libya as stipulated in Article 5 of the LBS Protocol of the Barcelona Convention |
| <i>General Expertise</i> | : | Environmental Affairs |
| <i>Category</i> | : | Industrial Effluent |
| <i>Department/ Office</i> | : | United Nations Environment Programme |
| <i>Organizational Unit</i> | : | UNEP ODED DEPI MCEB MAP |

Duties and Responsibilities

The United Nations Environment (UN Environment) is the United Nations system's designated entity for addressing environmental issues at the global and regional level. Its mandate is to coordinate the development of environmental policy consensus by keeping the global environment under review and bringing emerging issues to the attention of governments and the international community for action. UN Environment's Ecosystems Division works with international and national partners, providing technical assistance and advisory services for the implementation of environmental policy, and strengthening the environmental management capacity of developing countries and countries with economies in transition. The consultancy assignment is for the Mediterranean Action Plan (MAP), Athens, Greece.

At the 18th Ordinary Meeting of the Contracting Parties to the Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean and its Protocols (COP 18) held in Istanbul, Turkey in 2013, the Contracting Parties committed to update the National Action Plans (NAP) previously submitted and adopted in 2003-2005. The legal basis for the NAPs preparation and adoption is Article 5 of the Protocol for the Protection of the Mediterranean Sea against Pollution from Land-Based Sources and Activities (LBS Protocol) of the Barcelona Convention. The principal objective of the NAP update is to identify and prioritize national programme of measures to achieve Good Environmental Status (GES) with regards to pollution-related ecological objectives under the Ecosystem Approach (EcAp) in the framework of the LBS Protocol and the Regional Plans adopted in line with Article 15 of the LBS Protocol.

The MED POL Focal Points at their meetings held in March and December 2014, in Athens, Greece, reviewed and endorsed the Guidelines (attached to the ToR) for the NAP update [UNEP (DEPI)/MED WG.404/7, Annex IV] (NAP update) and Appendix B [NBB Guidelines] (the Guidelines) collectively, which were prepared by the Secretariat. The Guidelines were developed to assist the Contracting Parties to streamline EcAP goals, GES and its related targets. The Guidelines contain a section describing the required institutional set-up at national level; implementation timetable; involvement of stakeholders; synergies with other policy frameworks; methodological aspects; and core substantive pollution prevention and reduction commitments at regional level; and where appropriate at national level. The technical annexes of the Guidelines provide a methodology for:

- a) Estimation/calculation of the National Baseline Budgets (NBB) of pollutants;
- b) Assessment of hotspots and sensitive areas;

- c) Indicators to assess implementation of the LBS, Dumping and Hazardous Waste Protocols, LBS Regional Plans and NAPs; and
- d) Use of cost-effectiveness analyses (CEA) and cost-benefit analysis (CBA) to select NAP programmes of measures

Libya has committed in May 2018 to initiate and complete the NAP update process and whereby it would submit the updated NAP with prioritized programme of measures; thus complying with requirements of the legal and policy framework of the Barcelona Convention in line with Article 5 of LBS Protocol and respective COP decisions.

The main objective of these consultancy is to provide substantive support to Libya to deliver its updated NAP in line with the Guidelines; thus, ensuring compliance with the Contracting Parties' obligations under Articles 5 and 15 of the LBS Protocol of the Barcelona Convention and related COP 18 Decision.

The consultant shall undertake the following tasks to deliver the outputs requested in 4.2:

1. Prepare and submit a detailed Workplan for the assignment;
2. Support the Lead National Agency to set up institutional structure, in particular, identify potential stakeholders taking into account synergies with relevant policy frameworks and legislations at national level that will take place for updating the NAP;
3. Prepare in close consultation with Lead National Agency the meetings of the NSC, thematic groups and consultative national workshops, as appropriate, i.e.:
 - a. Draft and dispatch invitation letters;
 - b. Prepare background and working documents;
 - c. Draft meeting/ workshop report(s);
 - d. Facilitate discussions during the meetings and workshops.
4. Prepare NBB update based on the Guidelines, in particular:
 - a. Determine administrative regions with geo-reference;
 - b. Prepare a comprehensive inventory of the existing pollution sources (Annex I, LBS) (as reported in previous NBB cycles) and new pollution sources per sector of activity including industrial and municipal wastewater treatment plants, non-regulated landfills as well as stream heads in each administrative region/watershed determined in the coastal zone according to the Guidelines;
 - c. Classify the inventoried industries into sectors/sub-sectors according to Annex I of the LBS protocol;
 - d. Quantify the pollutants/emissions loads from inventoried pollution sources by using measured pollutants releases/emissions data, per source, sector and sub-sector. If measured data are not available, calculate/estimate the releases/emissions of each pollutant on the basis of administrative regions by using national legislation pollutants' limit values on the basis of sub-sectors and emission factors from MEDPOL PRTR Implementing Guide per process and source, sector, sub-sector;
 - e. Collect the available monitoring data for riverine loads (stream heads) for each pollutant in the administrative regions and calculate/estimate the riverine inputs per pollutant of the administrative regions;
 - f. Check and compare the collected data with data provided in previous NBB identifying the new/additional pollutants and sources and prepare comparative trend analyses;
 - g. Populate the H2020/NAP Indicators assessment factsheets with collected data for NBB for industrial emission;
 - h. Upload the data in NBB excel file (XML) or the file established for PRTR Reporting; and
 - i. Upload the data as appropriate on the online MED POL NBB Info System.
5. Assess hotspots/ sensitive areas identified in the 2005 NAP based on the new criteria (as set out in the Guidelines);
6. Prepare the NAP midterm baseline benchmark by
 - a. Describing existing midterm baseline and implemented measures; and
 - b. Describing future trends in pressure and impacts according to existing measures and current policies.

7. Based on EcAP-GES, Regional Plans and Strategic Action Plan (SAP-MED) requirements, prepare NAP quantifiable objectives and operational targets for endorsement by the NSC.
8. Identify gaps between existing midterm baseline and quantifiable objective/operational targets;
9. Draft a log frame for identified programme of measures specifying which objectives of the Regional Plans/SAP-MED/GES are addressed, together with expected results and potential targets, progress indicators as well as technical feasibility and estimated costs;
10. Depending on availability of support from the relevant thematic group / to the extent possible, undertake economic assessment (CEA/CBA or other tools) of proposed NAP programme of measures with a particular focus on the legally binding measures provided for in the Regional Plans;
11. Identify the list priority measures/ programme of measures based on agreed criteria and complete the log frame as stipulated in the Guidelines;
12. Develop 10 to 15 project fiches for the identified priority measures under the guidance of the NSC and thematic groups;
13. Develop, discuss with all stakeholders and finalize the NAP follow up and indicator-based reporting plan; and
14. Finalize the updated NAP taking into account comments and suggestions received through the consultative processes and, if needed support MED POL FP to obtain national endorsement of the NAP.

Ultimate result of service

Contracting Parties are supposed to comply with their legal obligation under Art.13 of the LBS Protocol regarding reporting on NAP implementation throughout preparation and submission of updated NBB (2018).

Title & ID number of programme/project

PoW Output 2.3.1.1: "Support streamlining NAP measures in the national regulatory systems and their implementation in 5 countries (focus ELV&EQS/GES) including Permitting and Inspection based on the most recent MAP technical guidelines, with special reference to offshore installations, PCB, Lube oil, lead batteries" and;

PoW Output 2.4.2: "Ensure efficient NBB/PRTR reporting and provide support to up to 10 CP including quality assurance control of data."

Is any other department or office of the Secretariat or any other organization of the United Nations involved in similar work to the best of your knowledge?

No

Travel Details

Applicable

Tentatively one trip to Regional Meeting is foreseen to consult with UN Environment/MAP in Athens. Travel will be undertaken upon written approval (authorization) by UN Environment/MAP Deputy Coordinator. Separate travel requests will be raised.

Outputs/Work Assignment

The consultant shall deliver the following outputs:

1. Detailed workplan prepared and submitted;
2. National institutional structure including all stakeholders identified and submitted to National Authority;

3. NBB 2018 including:

- a) Inventory of the existing pollution sources-based sector of activity completed per administrative regions, per sector and sub-sector;
 - b) Pollutants/emissions loads from inventoried pollution sources;
 - c) Report on trends analysis of pollutants loads per sector and subsector and per administrative region for the period 2003-2018;
 - d) Assessment Factsheets for H2020/NAP Indicators;
 - e) Excel table and online submission of NBB updated for 2018 and submitted to the Secretariat and uploaded to NBB Info System according to the NBB Info-system Manuel;
4. Reports of the National Steering Committee (NSC), thematic groups and consultative meetings prepared, as appropriate;
 5. Midterm implementation benchmark of the NAP and assessment of hotspots completed;
 6. Quantifiable objectives/operational targets to meet requirements of the Regional Plans and to achieve GES;
 7. Gaps between existing midterm baseline benchmark and quantifiable objectives/operational targets including assessment of existing measures to bridge the gaps identified;
 8. Report on identified measures including description and prioritization of measures, log frame prepared (objectives, specifying expected results, potential targets, technical feasibility, progress indicators and costs);
 9. NAP programme of measures underpinned by CEA, CBA or other analytical tools, as appropriate; prioritized list of programme of measures (including investment needs) prepared;
 10. Project fiches for 10 - 15 priority measures;
 11. NAP follow-up and indicator-based monitoring plans for reporting on NAP implementation; and
 12. Draft and final NAP of Libya in English prepared and duly submitted.

Expected Duration

The contract will be for the period of 5 months over 12 months, starting from the date of last signature.

Evaluation Criteria

Skills : • Good communication skills and ability to speak in public to foster dialogue and collaboration among individuals and institutions as well as stakeholders is an asset;
• Good knowledge in office software (Word, Excel, Power Point) required;

Academic Qualifications : • University degree in environmental science, environment policy, environment management, natural sciences, environment engineering, chemical engineering, marine environment or related disciplines is required;

Experience : • At least (8) years of progressively responsible work in a field associated with this post:
a) Working experience in marine pollution assessment and pollution control is required;
b) Working experience in environmental policy implementation, including the prevention and control of urban and industrial pollution and appraisal of pollution prevention and reduction measures/ programmes to ensure protection of marine and coastal environment is required; and
c) Working experience in international projects, management and policy document formulation and report writing addressing pollution prevention and control, or on integrated coastal zone management and ecosystem-based management is an asset.
• Knowledge of UN Environment/MAP policies is an asset.

Language : • Fluency in English and Arabic is required