

## **Terms of Reference and Budget for National Consultant on Air Pollution and Health**

### **TERMS OF REFERENCE**

PROJECT TITLE: National Consultant on Air Pollution, Climate Change and Health

UNIT:        REGISTRATION NUMBER:

ESTIMATED TIME NECESSARY: *05 months*

ESTIMATED DURATION/PERIOD: *August to December 2019*

### **BACKGROUND AND OBJECTIVES**

Preventing or minimising the health impacts from environmental risks require cross sectoral collaboration between various agencies and an integrated approach. Environmental health encompasses aspects of human health, including quality of life that are determined by physical, biological and psycho-social factors. Hence the way forward would be for the Government of India [Ministry of Environment, Forests and Climate Change (MoEFCC) and Ministry of Health and Family Welfare (MoHFW)] to take leadership and become a major catalyst towards employing an integrated approach to environmental health in the context of sustainable development that addresses the urgency of air pollution, climate change and resilience, chemicals and waste, water and sanitation, occupational safety, etc.

WHO country office in India is seeking an expert in the area of climate change, air pollution and health to support the Centre for Environment and Occupational Health, National Centre for Disease Control (Nodal agency for Ministry of Health and Family Welfare on Climate change and Air pollution).

The key objectives of the consultancy assignment will be as follows:

- Provide technical support to National Centre for Disease Control on the Environment and health linkages with reference to Air pollution and Climate Change

### **SCOPE OF WORK**

1. Support to the government in agenda setting for environment and health discourse in India
2. Integration of work on environment and health currently operational in India
3. Support National Centre for Disease Control to develop the health sector response to air pollution with classification of short, medium and long term actions
4. Support states in developing State Action Plans on Climate Change and Health (including Chapters on Heat and Air Pollution)
5. Support to including the environment dimension in the Integrated Health Information Platform (IHIP).

6. Support in establishment of surveillance mechanisms for monitoring Heat and Air Pollution related health effects in States
7. Mobilize support for action on Environment and Health issues through advocacy at all levels of government
8. Support the establishment of Working group on health and environment
9. Support the preparation and/or revision of communication materials and capacity building activities or products related to air pollution and its health impacts.
10. Development of a IEC strategy and various methods for mass awareness and sensitisation of medical community on health effects of Air Pollution and overall Climate change through working with various organisations like Indian Medical Association

#### **DELIVERABLES (DESCRIPTION OF ACTIVITIES/TASKS TO ACHIEVE OUTPUT(S))**

1. Develop a document on air pollution and health covering WHO and other international agencies work and using international best practices, experiences and lessons learnt
2. Support linkage of Air pollution and climate change and integration in State action plan on Climate change
3. Develop documents for operationalisation of Working group on Health and Environment
4. Summary report of all meetings supported specifying WHO's role and any related interventions made on WHO's behalf.

The consultant will be based out of National Centre for Disease Control for four (04) days in a week and One (01) day out of WCO India.

#### **EDUCATIONAL QUALIFICATIONS, PROFESSIONAL EXPERTISE AND KEY SKILLS REQUIRED**

##### **Qualifications and Experience required:**

The consultant should include people with a diverse and complementary range of expertise, including the following:

- Master's degree in Atmospheric Science, Environmental Science, Environmental Engineering, Environmental Policy, Chemistry, Meteorology, Engineering or any related discipline.
- At least 5 years' experience working on environmental issues
- Excellent understanding of Climate Change, Air Pollution and health sector linkages.
- Demonstrated strong research and analytical skills.
- Experience in project management and stakeholder coordination
- Understanding of policy decision-making processes in India and engaging/advising governments or other stakeholders on policies.
- Understanding of the challenges and intricacies of multi-sectoral policies and decisions in India.
- Familiarity with WHO normative products, specifically the WHO Guidelines on Air Quality.
- Consulting and interviewing stakeholders, including those working in the government, within the private sector, non-governmental organizations and civil society.
- Strong communication skills in English, both written and oral.
- Peer reviewed publications in the area of Environmental risks and health

Best practices for curbing AP, CC wrt health

- Current Water crisis- roster of all water conservation ideas in India

Climate change- what factors, specific for health