Call for Expression of Interest:
Support for Clean Household Energy Solutions Toolkit (CHEST) Development

1. Background

Air pollution levels remain dangerously high in many parts of the world. WHO estimates that household air pollution from cooking with polluting fuels and technologies causes around 4 million deaths per year. Around 3 billion people – more than 40% of the world’s population – still do not have access to clean cooking fuels and technologies in their homes. Household air pollution is produced by the use of polluting devices and fuels in the home for cooking, space heating, and lighting. WHO has been monitoring household air pollution for more than a decade and, while the rate of access to clean fuels and technologies is increasing everywhere, improvements are not keeping pace with population growth in many parts of the world, particularly in sub-Saharan Africa.

In response to these challenges, in November of 2014, WHO released the first WHO Guidelines for Indoor Air Quality: Household Fuel Combustion, which provide recommendations on emission rates for fuels and technologies to protect health and guidance on which fuels should not be used in the home. To facilitate the implementation of the Guidelines and the accelerated adoption of clean household energy, WHO is developing a Clean Household Energy Solutions Toolkit (CHEST). CHEST contains tools for countries and programs to develop policies that promote clean household energy use. CHEST includes modules on stakeholder mapping, situational assessment, identification of technological and policy options, guidance on standards and testing, monitoring and evaluation, engaging the health community, communication and awareness raising.

CHEST is a practical toolkit intended to support the development of clean household energy solutions and improved air quality in households. It is a risk-based management tool that assists users in developing evidence-based policies that reduce actual health risks and promote health benefits.

2. Objectives

The objective of this EOI is to develop important products within WHO’s Clean Household Energy Solutions Toolkit (CHEST). CHEST contains tools and resources to facilitate countries and implementers to develop action plans and policies for the adoption of clean household energy.

3. Deliverables

The deliverables of this position include:

- finalizing briefing documents on CHEST tools, including working with graphic designer and layout team to produce final products
- contributing to technical work and products related to CHEST, including developing or reviewing reports and communication materials
- technical support tasks related to piloting CHEST and the forthcoming Clean Household Energy Policy Planning Guide in countries

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1 WHO Clean Household Energy Solutions Toolkit, accessible from https://www.who.int/tools/clean-household-energy-solutions-toolkit
supporting updates to the WHO Household Energy Policy Repository
supporting ongoing or planned WHO systematic reviews related to topics such as health effects of liquid and gaseous fuel use, impact of ventilation on exposure, clean and transitional heating technologies

4. Timeline

Duration of project: 6 months with possibility of extension

Start date: To be confirmed with selected candidate, but expected during August 2021

5. Specific requirements

- Desired Qualifications:
  Advanced university degree in public health, natural or social sciences.

- Experience required:
  Minimum of 5 years of experience working on household energy and/or health issues, with at least 2 at the international level.

- Skills / Technical skills and knowledge:
  - Expertise in the field of household energy use and health (ideally in policy and programme development and implementation).
  - Experience preparing high quality technical documents for different audiences (e.g. general public, policy-makers, researchers).
  - Excellent writing skills.
  - Experience organizing and leading technical and outreach events or workshops.
  - Desirable: Familiarity with the UN system. Experience working with multi-stakeholder/agency partnerships.
  - Strong diplomacy and collaboration skills to work with colleagues and partners and find common ground.
  - Ability to work independently.
  - Strong communication and outreach skills
  - Proficiency in Microsoft Word, PowerPoint and Excel. Experience with statistical software such as STATA is desirable.

- Language requirements:
  Excellent written and spoken English.

6. Place of assignment

The project can be completed remotely.

7. Travel

No travel is anticipated.

8. Compensation
Payment will be aligned to the WHO consultancy pay band on headquarters level and will be commensurate based on experience.

9. Application procedure

Interested applicants should send an email describing their motivation for application and CV to householdenergy@who.int by 16 July 2021. Please make sure to indicate “CHEST Support Application” in the subject line.