



## **FHI 360 Nepal Vacancy Announcement**

FHI 360, an international non-governmental organization (NGO), has been working in Nepal since 1993 to support health and environment programs, capacity building, civil society and media strengthening, and governance reform. FHI 360's work is grounded in evidence, aligns with, and provides support to the Government of Nepal's development priorities and plans.

FHI 360's in partnership with Asian Institute of Technology (AIT), Environment and Public Health Organization (ENPHO), Energy Policy Institute at the University of Chicago (EPIC) and One To Watch Pvt. Ltd. is implementing USAID Clean Air project in Kathmandu Valley. The project is seeking to identify and promote innovative solutions to address air pollution issues in Kathmandu Valley. For this, the project seeks to conduct a situation analysis of the brick sector which is one of the major sources of air pollution in Kathmandu Valley. The study findings will be used to design suitable intervention activities, identify collaboration with key stakeholders, and encourage green business. In this regard, FHI 360 Nepal requests applications from qualified individuals to work as 'Consultant' to provide technical assistant.

### **Energy and Environment Expert**

#### **Key Responsibilities**

The consultant will conduct the following activities:

1. Conduct literature review, interact with key stakeholders, and conduct necessary surveys to collect and analyze relevant data and information on the current situation of brick kilns in Kathmandu Valley. The situational analysis should contain, but not limited to, the following:
  - a. Type of kilns in use, their location and numbers
  - b. Main characteristics of each type with production quantity
  - c. Fuel types and energy consumption
  - d. Emission characteristics of each type
2. Identify key issues and challenges for reducing air pollution from brick kilns
3. Identify innovative solutions, both in terms of technologies and practices, which may be implemented by municipalities and private sector to reduce air pollution from brick kilns in Kathmandu Valley and assess the technical and financial feasibility of these solutions in the context of Kathmandu Valley. This may include, but is not limited to, introduction of measures such as internal fuel in bricks, hollow bricks and use of alternative sources of energy, environment friendly alternatives to bricks, and construction practices to reduce the consumption of fired bricks.
4. Assess the identified solution and recommend most plausible solution/s for immediate demonstration where USAID Clean Air can work together with private sector and municipalities to reduce air pollution from brick kilns.
5. Outline key actions to be undertaken and define timeline for the demonstration of identified solutions.
6. Prepare and submit a draft final report, and a power-point presentation file which will be presented in a workshop with stakeholders.
7. Organize a one-day workshop together with USAID Clean Air where key stakeholders will discuss the findings of the study and the way forward.

**Qualifications**

Bachelor's degree in Environmental Engineering or related fields with at least 5–7 years of experience in working on management of environmental impacts of brick kilns or similar industries. The applicants should have good knowledge environment and energy management in the context of Nepal.

Interested and qualified applicants are requested to send a cover letter and updated CV with proposed consultancy daily rates and a list of two references by August 8, 2022, to [Nepal.recruitment@fhi360.org](mailto:Nepal.recruitment@fhi360.org).

***Although the deadline is August 8, 2022, we are immediately starting the screening process so interested and qualified candidates are encouraged to apply as early as possible.***