

April 2022

## Scope of Work

### Cooling and Energy Efficiency Expert – Southeast Asia

Asia Clean Energy Partners Limited (ACE Partners) is an international advisory firm that provides consulting and advisory services related to the energy sector. The firm works to support the acceleration of clean energy deployment, with a focus on markets in Asia and the Pacific. ACE Partners supports the design and scale-up of effective initiatives, with a focus in four main areas: (a) creating insights through research and analytics; (b) designing and packaging projects and initiatives; (c) connecting stakeholders with the knowledge, technologies, and finance to achieve results; and (d) building communities of practice through targeted communications and events. ACE Partners is currently seeking a Cooling and Energy Efficiency Expert based in Bangkok to support the delivery of a growing body of clean energy work in its operations, especially related to the USAID South Asia Smart Power Program.

#### Overview of the Position

The **USAID Southeast Asia Smart Power Program (SPP)** aims to enhance energy security in Southeast Asia by creating open and transparent energy markets, promoting energy trade, and transforming the energy sector to improve access to clean, reliable, affordable energy. SPP will support US climate priorities in the ASEAN region to enhance global action for near-term reductions in greenhouse gas emissions and net-zero global emissions by mid-century. The Activity will focus on achieving technical and policy objectives including improved performance of energy utilities; increased deployment of advanced energy systems; and enhanced energy trade and integration. The Program will be governed by several guiding principles and policies: private sector engagement, science technology innovation and partnerships (STIP), sustainability, climate resilience, New Partnership Initiative (NPI), and gender equality and empowerment.

To accomplish its objectives, the following broad Tasks will be undertaken under SPP:

1. Southeast Asia Power Utility Modernization
2. Energy Efficiency: Southeast Asia's Energy Security Cornerstone
3. Southeast Asia Energy Innovation and Emerging Trends
4. Southeast Asia Center for Competitive Procurement
5. Southeast Asia Power Trade and Grid Integration
6. Assess and Optimize Natural Gas System Performance
7. (*optional*) SEA Smart Power U.S. Trade and Development Agency (USTDA) Transaction Advisors

ACE Partners is sub-contracted over the next five years by the lead contractor, Deloitte Consulting LLP, to help deliver on SPP activities through Short-Term Technical Assistance in support of Task 2, and other cross-cutting activities. The scope of work allocated to ACE Partners largely focuses on its in-house expertise in energy efficiency in Southeast Asia, with illustrative activities expected as part of the assignment to include:

- delivery of technical assistance around energy efficiency and efficient cooling
- development of standards and labelling throughout the region
- bulk technology purchases
- energy efficiency financing
- development of ESCOs, among others
- regional network development
- support to Secretariat functions of the Deloitte project team
- development of strategic communications strategies and materials
- complex stakeholder engagement, including development and management of networks, platforms, and outreach activities at a national or regional level, that build awareness of, support for, and ultimately action on SPP-related initiatives.

Accordingly, ACE Partners now seeks a full time Cooling and Energy Efficiency Expert to support this program of work, based in Bangkok. This position is open only to Thai nationals and/or ASEAN nationals with the right to live and work in Thailand.

## Scope of Work and Detailed Tasks

The main tasks of the Cooling and Energy Efficiency Expert will include but not be limited to the following:

### Research and Technical Analysis

- As an integral part of Deloitte's SPP Task 2 team, the Expert will reach out to and develop connections with relevant stakeholders and clients to understand their specific needs, with the aim to design insightful clean energy research and knowledge products.
- Carry out research and analysis covering energy efficiency and cooling technologies, policies, financing initiatives, and institutional mechanisms, with the aim to feed into findings and recommended program activities, provide understanding and insight for clients, and to build our knowledge base on EE and cooling in Southeast Asia.
- Conduct research, analysis and writing to support preparation of research briefs, documents, and reports prepared for clients or for public distribution.

### Communications and Partnerships

- Carry out data and market research as well as outreach activities to support hosting of industry and practitioner workshops, consultations, liaison with governments, and building of partnerships with, companies and organizations working on clean energy issues in Asia and to related stakeholders active on energy efficiency and cooling issues.
- Update program communications, including project websites, social media posts, press releases, blogs, news items, emails, and other electronic communications.

**Asia Clean Energy Partners**  
**Registered Office:**  
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 50 Bonham Strand  
 Sheung Wan, Hong Kong

## Minimum Qualification Requirements

Previous work experience with technical assignments in **the power sector, and the energy sector more broadly, including energy efficiency and cooling technologies, is essential.** Experience working with a range of private sector, non-profit, and government actors in Southeast Asia will be helpful to successfully carry out the work, and prior experience with USAID projects is preferred. In terms of academic studies, the candidate should preferably have an advanced university degree in energy, economics, engineering, physical or social sciences, or a related field, with international experience in the field of energy, engineering, or a related area.

- **Minimum Related Experience:** 5-8 years
- **Regional/Country Experience:** Experience in Asia required, and experience specifically in Southeast Asia is strongly preferred.
- **Language:** applicants must be able to converse professionally and write technical reports in English. Knowledge of other ASEAN languages will be an advantage
- **Citizenship:** This position is open to Thai nationals and/or ASEAN nationals with the right to live and work in Thailand.
- **Location:** Applicant must be based in Bangkok.

## Reporting

The Project Manager will report directly to the Managing Partners of ACE Partners.

## Period of Performance

**Start Date:** As soon as possible

**Term of Employment:** renewable annually on 30 September

## How to Apply

Please submit your application in the form of a CV and cover letter by to [info@asiacleanenergypartners.com](mailto:info@asiacleanenergypartners.com)

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