

Estimating Potential Impact of Energy Efficiency Policies in India

CLASP is seeking a consulting organisation to compile energy balance and estimate the overall impact of energy efficiency policies for India.

DUE: 15 JULY 2022 at 23:59 ET **QUESTIONS:** sawasthy@clasp.ngo

About CLASP

CLASP serves at the epicenter of collaborative, ambitious efforts to mitigate climate change and in the global movement for clean energy access, through appliance efficiency. Our mission is to improve the energy and environmental performance of the appliances & equipment we use every day, accelerating our transition to a more sustainable world. We work hand-in-hand with governments, experts, industry, consumers, donor organizations and others to propel policies and markets toward the highest quality, lowest resource-intensive appliances possible.

CLASP has worked in more than 100 countries since inception in 1999. CLASP is headquartered in Washington, DC, with teams in China, Europe and the United Kingdom, India, Indonesia, and Kenya. We are [mission-driven](#) and committed to a culture of diversity, transparency, collaboration, and impactful work. See our [Team Page](#) to learn more about us.

Background

Energy efficiency has a central role in tackling climate change and is expected to be one of the single largest and the most critical source for achieving India's ambition on climate in the near term. To enable this, there is an urgent need to support India accelerate, deepen, and broaden the scope of its energy efficiency activities so that it can deliver on a significant portion of India's 2030 emissions reductions goals. Energy efficiency policies are the best available instruments for driving energy use and emissions reductions and also deliver a number of environmental, economic, societal and health benefits.

Timeline

Contract Timeframe: August – November 2022

Deadline for Application: 15 July 2022 at 23:59 ET

Application includes registering as a Consulting Partner and submitting the technical and financial proposals per the instructions below.

Deadline for Questions: 8 July 2022 at 23:59 ET

All questions must be addressed in English to Sumedha Awasthy at sawasthy@clasp.ngo. We request all inquiries be made to this e-mail address and not by phone.

Scope of Work

CLASP is seeking a consulting organisation to compile energy balance and estimate the overall impact of energy efficiency policies for India. This will help enable evidence-based decision making to policymakers. The scope of work is provided below:

Task 1: Review of Energy balance (Generation, Supply & Consumption) scenario

- Compile energy balance for India for the last 10 years based on available sources. This will include:
 - Total primary energy supply by fuel
 - Electricity generation by fuel type
 - Total final consumption by sectors
 - Transmission and distribution losses
- Forecast energy balance for 2030 and 2050, provide a list of assumptions used in forecasting

Task 2: Estimate the reduction in Energy consumption and GHG emissions from Energy Efficiency

- Estimate overall energy savings and GHG reduction potential for both in and cumulatively by year 2030 and 2050 for
 - energy efficiency policies and initiatives
 - breakdown by different sectors such as appliances, buildings, industry, agriculture, transport etc.
- Estimate contribution of overall energy efficiency and specifically appliance energy efficiency towards India's Nationally Determined Contribution and India's net zero energy goals
- Deeper dive into appliance energy efficiency to estimate appliance wise energy consumption and associated energy savings and GHG reductions in and cumulatively by 2030 and 2050. This will be estimated based on three scenarios:
 - business as usual,
 - accelerated policy intervention and
 - global best practices
- This will include all the key appliances and equipment i.e., currently part of appliance energy efficiency policies under Bureau of Energy Efficiency's Standard & Labelling (S&L) Program, under pipeline as well as potential products that can be taken up for the policy. The list will be developed and finalised in consultation with CLASP.

Task 3: Estimate the reduction in Energy consumption and GHG emissions from Energy Efficiency

- Establish a methodology and quantify multiple benefits of energy efficiency and specifically for appliance energy efficiency, these may include but not be limited to:
- Economic and societal benefits
 - Employment creation
 - Energy bill savings for consumers
 - Economic growth
- Environmental benefits
 - Air pollution avoided
 - Coal avoided/new plants avoided
 - Energy access

Key Milestones and Deliverables

The project will be conducted in close collaboration with CLASP team. In addition, the consultant is expected to participate in periodic update meetings/calls and provide timely and detailed responses to questions and comments from CLASP team members related to this project. Deliverables include:

1. A report covering approach and methodology, assumptions and estimates from each of the subsections outlined in the scope; provide key conclusions and recommendations
2. An excel (xls) with the raw data, assumptions, calculations and results for each of the sub sections

Key Qualifications

- The organization should have overall knowledge and expertise in the energy sector, energy-saving, and GHG reduction.
- Experience in working on projects related to energy-saving calculations.
- The organization should have a local presence in India.

Submittal

Register as a Consulting Partner

Interested parties must [register as a CLASP Consulting Partner](#).

Submit Technical and Financial Proposals

Interested parties should submit separate technical and financial proposals electronically, in English, via this [form link](#) (preferably in PDF format). The files should be named as per the following example:

[CONTRACTOR_NAME] _Technical Proposal_ RFP 2022-07-01

[CONTRACTOR_NAME] _Financial Proposal_ RFP 2022-07-01

The length of the technical proposal should not exceed 20 pages and should include:

- Detailed approach and methodology for the design, implementation, and management of the project
- Detailed timeline for all project activities, tasks, milestones, and deliverables for the project within the time frame indicated above
- Background and experience of conducting similar activities
- A summary of qualifications and experience of key personnel that will execute the project

The financial proposal (in USD) should include a detailed budget with all direct and indirect cost estimates for executing the project, including a breakdown (in days) of the level of effort and costs associated with each team member that will be engaged in the project.

CVs and related summaries of experience and qualifications of proposed project team staff should be included in an Annex and should not exceed 10 pages.

Optional At This Stage – Fill Out Pre-Qualification Questionnaire (PQQ)

All contractors must [fill out the PQQ](#) before working with CLASP. This can be voluntarily completed at the RFP stage but will be mandatory if a contract is awarded.

The PQQ is a thorough due diligence screening aimed at gathering legal and financial information on prospective partners/vendors. Contract awards are conditional upon passing the due diligence screening. Organizations that have already completed the PQQ do not need to complete it again unless the structure of the business has changed. If you are unsure, please email Andrea Testa (atesta@clasp.ngo) to determine next steps.

Evaluation Procedure

A committee appointed by CLASP will evaluate proposals received. Selection of qualified companies or organizations will be based upon the following criteria:

- **Technical Evaluation Factors**
- **Financial Evaluation Factors**

All bids will be evaluated and ranked using Quality and Cost Based Selection (QCBS), with 80 percent of the score accorded to the technical proposal, and 20 percent to the financial proposal. The detailed evaluation criteria can be found in Annex A.

ANNEX A: EVALUATION CRITERIA

Technical Approach (40 points): The technical approach described in the proposals will be evaluated on:

- The demonstrated understanding of the overall project context (20).
- The detailed work plan and approach clearly defining the target objectives and the strategy to achieve the objectives as outlined in the scope of work (20).

Management Structure and Staff Qualification (25 points): The proposed management structure and staff will be evaluated on:

- The professional qualifications and the extent to which the requisite expertise and experience of the key personnel will directly contribute to the completion of the tasks (25).

Past Performance and Corporate Experience (15 points): The experience and capacities of the contractor will be evaluated based on:

- The past performance, familiarity, and experience in understanding policies and program related to standards and labelling (10).
- Extent of local expertise including experience, qualifications, and track record in implementation of similar programs (5).

Cost Evaluation Factors (20 points): While the overall Technical Evaluation is the key factor in reviewing the proposal, the cost evaluation will be an essential factor in determining the final contract award and ability to remain in the competitive range and will be evaluated for feasibility, completeness, and practicality.

CLASP looks forward to reviewing your responses and would like to thank you in advance for your participation in this Request for Proposals. CLASP will notify all respondents who submit proposals when a decision has been made.

CLASP is an equal opportunity employer that celebrates diversity and are committed to creating an inclusive environment for all employees. CLASP's goal is to be a diverse workforce that is representative, at all job levels, of the citizens we serve. CLASP complies with all federal, state and local employment law in the countries we operate and is committed to providing equal opportunity for all employees and applicants without regard to race, color, religion, national origin, sex, age, marital status, sexual orientation, gender identity or expression, pregnancy, disability, political affiliation, personal appearance, family responsibilities, matriculation, genetic

information, military or protected veteran status, credit information or any other characteristic protected under federal, state or local law.

Each person is evaluated based on personal skill and merit. CLASP's policy regarding equal employment opportunity applies to all aspects of employment, including recruitment, hiring, job assignments, promotions, working conditions, scheduling, benefits, wage and salary administration, disciplinary action, termination, and social, educational and recreational programs.