Consultant – Cold Chain India

CLASP

New Delhi, India

Apply by: **12 January 2022**

About the Organization

[CLASP](https://www.clasp.ngo/)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 our inception in 1999. CLASP is headquartered in Washington, DC, with teams in Europe, Kenya, India, China, and Indonesia. We are mission-driven and committed to a culture of diversity, transparency, collaboration, and impactful work. See our [Team Page](https://clasp.ngo/who-we-are/team) to learn more about us.

CLASP’s Climate Team

CLASP’s Climate program supports ambitious efforts to mitigate climate change through appliance and equipment energy efficiency. We work in partnership with policymakers and other key stakeholders in dozens of countries—from Brazil to Indonesia, the EU to China—with support from a diverse group of funders.

Our team provides world-class technical and policy advisory services directly to governments to develop and implement the most ambitious and cost-effective appliance efficiency policies all over the world. We accelerate the development of energy-efficient product markets through minimum energy performance standards, informative product labeling, and identification and promotion of the most efficient appliances, both on and off the grid. Our programs are designed to maximize impacts by targeting high emitters, raising the bar through ground-breaking policies, and advancing technologies to meet sustainable development aspirations around the world.

In India, CLASP works closely with Bureau of Energy Efficiency, and has supported the expansion of its appliance policy framework to cover a wide range of residential, commercial and industrial energy-using products. This has resulted in reduced greenhouse gas emissions and peak electricity demand, reduced consumer energy costs, and expanded access to high quality appliances. In partnership with key national stakeholders, we advance policy compliance, education and outreach initiatives to foster an ecosystem for resource-efficient appliances and equipment.

CLASP India has recently launched new programs that focus on energy use in agriculture. Our initiatives are targeting promotion of solar water pumps, off grid and on-grid cold chains. A key focus of this position will be to work on the on-grid cold chain initiative, which aims to identify and promote energy efficiency policies for equipment used in cold chain.

About the Role – Consultant, India program

**Objectives**

The consultant will support CLASP in its implementation of the cold chain program to enhance the policy for energy efficiency on cold chain. The consultancy will be over approximately 20 months, with the first phase involving an intensive engagement phase, followed by the long-term draw down advisory services.

The consultancy support work will be constructed in two phases:

**Phase 1 (3 months)**: Initial support developing the strategic framework and approach for enhancing energy efficiency of cold chain

* Under this phase, the consultant is expected to collaborate with CLASP team members to develop a detailed strategic scoping of cold chain sector, identifying the key interventions point, suggested partnerships and preparing a work plan

* This phase will be full-time, or close to full-time, on a flexible basis. Attendance at office is not required, when the office does reopen, but collaboration will require frequent engagement in CLASP office

**Phase 2 (Month 4 – Month 20)**: Draw-down advisory support on an as required basis. At the time of contracting, Phase 2 will be optional. We expect to finalize the terms and requirements for Phase 2 during Phase I, subject to agreement between CLASP and the consultant.

Key Responsibilities

Deliver to the scope of work as outlined in the scope of work below.

**Scope of Work**

Phase I:

1. In collaboration with CLASP team members, lead the following activities:
	1. Prepare inventory of relevant documents and reports relating to energy use in cold chains.
	2. Prepare a stakeholder mapping, outlining where and how key stakeholders are engaged.
	3. Facilitate introductions with key stakeholders.
2. Facilitate field visits, and in person discussion with stakeholders as required.
	1. Assess the infrastructure of cold chain, particularly on long- and short-term storage hubs, pack house and walk in cold rooms and the distribution hubs.
	2. Identify components and equipment used in cold chain infrastructure, particularly those that could influence energy efficiency.
	3. Conduct a needs and opportunities assessment, identifying gaps and areas, and prepare options for interventions.
3. Prepare a strategy for policy intervention on cold chain, which includes a work-plan, activities, schedules, and, where needed, basic elements of the terms of reference for activities.

Phase II:

1. Provide on call advise during the program implementation. The on call advise may touch on several aspects of the program implementation, including the following:
	1. Supply chain of various components and equipment used in cold chain system and their standards and compliance level before installation or retrofitting
	2. Relevant standards, guidelines and test protocols at the national and international level defining safety, designing, handling and for the operations of all the elements of cold chain system specific to refrigeration and cooling equipment
	3. Assessment on availability of trained and skilled human resources to manage design, installation, selection of efficient components and equipments used in various elements of cold chain infrastructure.
	4. Review of terms of reference (TOR) and request for proposal (RFP) if required to engage tech implementors/consultants for technical studies
	5. Interactions with stakeholders, including national standards body and concerned government institutions to develop new standards where necessary, review and up-grade of existing national standards impacting energy efficiency
	6. Assessment and identification of testing infrastructure of components and equipment used in the cold chain operation and the gaps in energy efficiency testing capacity
	7. Review of studies and reports, including on assessment of intensive products that can be brought under the ambit of BEE labelling scheme
	8. Support or facilitate interactions with stakeholders, including field visits of cold chain infrastructure to understand the technology used in designing of cold chain facilities, used for variety of agricultural products, including meat, milk, poultry, and fish.
	9. Optimal refrigeration and cooling requirement for the installation of cold chain infrastructure based on temperature mapping of the sites and the required temperature of the produce to be handled and the services requirements.
	10. Existing operating procedure and/or guidelines on preventive and periodic maintenance of cold chain infrastructure to maximize the efficiency.

Methodology

The consultant will be expected to lead Phase I of the work, working in close collaboration with CLASP team members and other partners identified by CLASP.

CLASP has an office in Delhi. Although the consultant is not required to be in the office full time during the engagement, several visits to the office will be necessary to facilitate internal discussions will be necessary. At this time, the consultant should plan to be in the office at least one day a week (when the office opens) and must bring flexibility to be in the office additionally, if required.

We expect to undertake field visits, and visits to partner organizations. The consultant will be expected to participate in those meeting or visits, which may involve visits outside of Delhi (once CLASP’s risk office authorizes business travel for project work).

The call down advisory support under Phase II may involve office and field visits.

The ideal candidate / organisation

1. **Technical skills and knowledge**

Extensive product knowledge on cold chain equipment, new cold chain technologies and understanding of the principles of handling, storing and requisite knowledge and experience about the agriculture and farm produce.

Demonstrated expertise on working with stakeholders including government and regulatory bodies, on cold chains or agricultural supply chains.

Strong knowledge, including demonstrated expertise, of agricultural supply chains, including procurement, distribution, transport, and retail.

Expertise with data management, and analysis are essential, along with ability to draft report, prepare presentation and lead discussions.

1. **Work / organization experience**

Minimum 10 years of experience in the energy sector in general, with at least 3 years of professional work experience at national and international levels in cold chain sector.

Experience in cold chain must demonstrate knowledge of technology, equipment, and supply chain; and demonstrate experience with agricultural supply chains.

The Application Process

To be considered for a position, interested candidates should submit a resume and cover letter, incase of the organization -the comprehensive technical proposal to info@clasp.ngo, (copy to kkumar@clasp.ngo ) with the subject line “Consultant – Cold Chain India.” Priority consideration will be given to applications submitted by January 12, 2022. Shortlisted candidates will be invited for an interview and to submit a financial proposal. The position will remain open until filled.

*CLASP is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. Our 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.*