

RfQ_PHIA Foundation_Project “Jeevan Saanjh” Building Resilience in Natural Resource Management & Enhancing Livelihoods for the year 2024 -25

Project - Jeevan Saanjh

Building Resilience in Natural Resource Management & Enhancing Livelihoods

Request for Quotation: Service Provider for setting up of Millet Processing Unit

Opening Date : 24th Dec 2024

Closing Date : 8th Jan 2025

1. About Partnering Hope Into Action Foundation

Partnering Hope Into Action Foundation (PHIA) is an Indian Charitable Trust registered in 2005. PHIA had a humble beginning with an education intervention with children from families engaged in waste picking for their livelihoods in the National Capital Region (NCR). Subsequently PHIA has diversified to work on multiple issues of development with an ethos to enhance development outcomes and wellbeing of communities who struggle through hardships of life and are left behind in their development.

PHIA now works across multiple geographies and thematic areas with the mission of building thriving communities. Our focus is on addressing issues of disadvantaged and vulnerable communities. Facilitating their empowerment in a way where they can be in charge of their own development and are able to thrive. PHIA works in partnership with multiple stakeholders including government, private sector, philanthropy institutions, civil society organisations, academic institutions and community-based organisations.

2. Project Brief & Geographical Coverage

The project seeks to strengthen resilience in Natural Resource Management and enhance livelihoods by establishing a Millet and Pulp processing unit. Situated in the Dhar Kalan and Bamiyal blocks of Pathankot District, Punjab, India, the initiative aims to build local capacity for sustainable natural resource management while also fostering economic growth. The processing unit will play a crucial role in converting various raw Millet varieties and fruits such as mangoes, oranges, amla, and more into high-quality, value-added products, thereby boosting the income potential of local farmers and smallholders.

By establishing this processing facility, the project will reduce post-harvest losses, create employment to the locals, and enhance the marketability of locally produced Millet and Millet value added products. Additionally, the unit will facilitate market linkages for the CBOs of the community, connecting them with broader supply chains and enhancing access to regional and national markets.

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Targeting 4 Gram Panchayats in Bamiyal Block and 22 Gram Panchayats in Dhar Kalan Block, this intervention will not only improve local economic conditions but also empower women and youth by providing them with opportunities for direct involvement in the processing and marketing of Millet and Millet products.

3. Scope of Work & Deliverables

- Under the program, we are setting up a Millet processing unit which is part of the Installation of Millet Processing (Pearl millet and other local produce) unit covering 500 Farmers.
- Through this RfQ, PHIA Foundation invites techno-commercial proposals from select credible vendor/service providers dealing in the supply at the community, installation & maintenance of Millet processing units in Bamiyal blocks
- The service provider/vendor will be required to provide a fully working solution shall be deployed at the project location. The vendor(s) shall also ensure service support for the solution provided.
- Community/Government Agency will only provide an existing infrastructure and land as a community contribution at the selected site.
- The Millet Processing centre will be required to be set up in the month of Feb 2025.
- The selected vendor/manufacturer will install the equipment and machineries in Dhar Kalan and Bamiyal blocks of Pathankot District, Punjab, India and will impart a training on the usage of the machineries.
- HDFC Branding Metallic Board (3 feet x 2 feet)

4. The list of items and descriptions of goods/services, along with the unit/quantity for a capacity of 100-200 kg per hour, considering a 3-phase 440V power supply for the machines, is provided below:

Equipments	Specifications
<p>1. Aspirator with Grader / Mechanized Sieve / Shaker: The millet is first passed through the aspirator with grader, mechanized sieve or shaker to remove impurities Purpose: To remove impurities such as stones, dirt, and dust from the millet grains. Common Types: Vibro cleaner, air screen cleaner.</p>	<p>Capacity 350- 500 Kg per hour</p>

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<p>2. Destoner, Purpose: Separates stones or heavier impurities from millet grains using a vibration process. Common Types: Air-flow destoner or mechanical destoner</p>	<p>Capacity 350 - 500 Kg</p>
<p>3. Milling Machine / Pulverizer Purpose: Mills or grinds the hulled millet into flour. The quality of milling ensures the final product meets specific standards. Common Types: Hammer mills, roller mills, disc mills.</p>	<p>Capacity - 150- 250 kg per hour</p>
<p>4. Sifter / Separator Purpose: Screens the flour to separate finer particles from coarser ones. It ensures uniform texture in the processed millet flour. Common Types: Vibro sifters, rotary sifters.</p>	<p>Capacity - 150 - 200 kg per hour</p>
<p>5. Packaging Machine Purpose: For packing the processed millet (whether as flour, grains, or other products) into different sizes for sale. Vacuum / sealer</p>	<p>Common Types: Automatic or semi-automatic packaging machines.</p>
<p>6. Cold Press machine for mustard oil</p>	<p>Capacity 100 - 200 Kg per hours</p>
<p>7. Grading Machine Purpose: Sorts millet grains based on size. This is an important step to ensure uniformity in the processed product. Common Types: Gravity separators, vibrating screens</p>	<p>300 kg - 400 kg per hour</p>
<p>8. Storage Silos / Bins Purpose: Used for storing millet grains after they have been cleaned, processed, or milled.</p>	<p>Capacity- 5 ton</p>

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Proper storage conditions ensure that the quality of millet is maintained. Common Types: Grain silos, bulk storage bins.	
9. Weighing machine and volume measures: The millet is weighed using a weighing machine, and the volume is measured using volume measures 2 set	100 kg to 500 kg
10. Essential accessories such as metal wire brush and air blower: The dehusked or hulled millet is cleaned using a metal wire brush and air blower to remove any remaining husk or dust.	
11. BackUp Facility and Servo Electrical fittings Wiring and cabling: Wiring and cabling are used to connect the solar panels, charge controller, batteries, inverter, and millet processing equipment together	

5. Additional Responsibilities for the Service Provider/Vendor

- Training and Capacity Building: Provide hands-on training sessions for local operators and community members to ensure efficient operation and maintenance of the processing unit.
- Develop user manuals and conduct workshops on equipment handling, safety protocols, and troubleshooting.
- Warranty and After-Sales Service: Offer a warranty for the equipment for a specified period (e.g., 12 months or more).
- Ensure availability of spare parts and a dedicated service team for post-installation support.
- Sustainability and Energy Efficiency: Propose energy-efficient solutions and technologies to reduce operational costs and environmental impact.
- Explore the integration of renewable energy sources (e.g., solar power) for powering the processing units.
- Submit a detailed implementation plan, including timelines, resource requirements, and milestones.
- Performance Testing: Conduct performance testing of the installed unit to ensure it meets capacity and quality requirements.

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- Should be able to demonstrate prior experience working in remote areas.
- No subcontracting is permissible
- 50% Advance will be given and the balance will be settled post completion of the Work
- The funds will be transferred within 15 days of the work completion

6. Additional Preconditions

- Compliance with Standards: The vendor must comply with all applicable national and regional quality standards and certifications for the equipment and services provided.
- References and Documentation: Provide references from at least two previous projects, preferably in similar geographic or operational contexts.
- Submit necessary certifications, licenses, and proof of past experience during the bidding process.
- Timeline Adherence: The vendor must adhere to the project timeline strictly. Delays will result in penalties as per the terms outlined in the agreement.
- Insurance Coverage: Ensure that the supplied equipment is covered by transit and installation insurance until the successful handover to the project team.
- Training Commitment: Commit to conducting operator training sessions as part of the project deliverables, ensuring local capacity building.
- Technical Support Availability: Guarantee the availability of technical support for troubleshooting and maintenance for a specified period post-installation (e.g., 12 months).
- Confidentiality: Maintain confidentiality of all project-related data and activities, as outlined by the PHIA Foundation’s terms.

7. **RFQ** Online submission is acceptable through the Google form Link mentioned below:

Link is here

https://docs.google.com/forms/d/e/1FAIpQLSc_wiUIdAuFuWuEtSwk0Ge_LX4x4sv0K0iul2fykO5e3E6p7A/viewform?vc=0&c=0&w=1&flr=0

8. Point of Contact Person

Name: Saurabh Tiwari

Email: Saurabhtiwari@phia.org.in

Interested vendors/Service providers can write an email for any clarification.

9. Evaluation Criteria: The evaluation of the RFQs will be done on the following criteria:

Sr.No	Section	Score
1	Organizational details	Not scored

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2	Registration details	Not scored
3. Technical Capability	Expertise in processing technology Experience with NGOs/government projects Compliance with ISO 9001, ISO 22000, and relevant certifications	20
4. Financial	Competitive pricing Transparent payment terms	20
5. Track record	Track record in similar projects References from at least two previous projects Client testimonials	20
6. After-Sales Support	Availability of maintenance, training, and support Warranty and service agreements	20
7. Legal and Regulatory Compliance	Valid business licenses and statutory registrations Compliance with government procurement policies	20
	Total	100