

Request for Proposal for Purchase of Solar Powered portable irrigation pumps

About BRLF:

Bharat Rural Livelihoods Foundation (BRLF) established by the Government of India as an independent society under the Ministry of Rural Development (MORD). BRLF was established to upscale civil society action in partnership with the central and state governments to ensure better implementation and outreach of government schemes and programs in collaboration with civil society organizations.

The principal objective of BRLF is to empower Rural India, improving the lives of vulnerable communities, especially the indigenous tribes, in coordination with CSOs, the Government of India, and governments of various states. BRLF aims to channelize better funds allocated by governments, banks, corporate, and other philanthropic foundations for various public programs and ensure proper grassroots implementation to generate the best results.

For more information, visit <https://www.brif.in/>

Project Background and Context:

BRLF, in partnership with the Jharkhand state government and HDFC, is implementing the HDFC-Focussed Development Project (FDP) in four blocks of the Santhal Pargana region. The project focuses on integrated natural resource management, livelihood enhancement, and innovative climate-resilient agricultural practices. The targeted blocks include Mandro in Sahebganj district, Littipara in Pakur district, and Mahagama and Meharna in Godda district.

For implementation of above project we need to purchase Solar-Powered Portable Irrigation Pump (Total 30 Qty throughout the year valid till 20th March 2026), details specification of the pump is given below.

Technical Details of a Solar-Powered Portable Irrigation Pump

Product Overview

The solar-powered portable surface irrigation pump is suitable for small holder farmers for lifting water from ponds, wells, rivers, canals and tanks and can irrigate up to **1.0 acres** of farmland using hose, sprinkler, drip, or tank-fed irrigation systems. It is a multipurpose robust pump for agriculture and allied activities.

Technical Specifications

Sl. No.	Parameter	Specification
1	Pump Type	Solar-powered DC pump
2	Solar Panel Capacity	240W (2 sets of 120W panels in parallel)
3	Solar Panel set up	Foldable Panels
3	Maximum PV Input	360W
4	Maximum Flow Rate	Up to 3,600 L/hr (1 L/s)
5	Daily Water Output	Up to 21,000+ litres/day
6	Maximum Suction Lift	7 metres
7	Maximum Total Head	15 metres
8	Maximum Horizontal Discharge	500 metres (1500 feet)

9	Maximum Pump Voltage	64 V DC
10	Maximum Motor Current	3 amps DC
11	Pump Weight	Approx. 20.5 kg
12	Pump Dimensions	520 × 200 × 535 mm
13	Warranty	10 years

The requirement will be around 30 units in phases within a year in Jharkhand until March 2027.

Delivery location of Solar operated portable irrigation pumps as per below:

Block	District
Mandro	Sahebganj
Littipara	Pakur
Mahagama	Godda
Meharma	Godda

General Terms & Conditions:

- The Bidder shall bear all costs associated with the preparation and submission of the RFQ.
- All documents relating to the Bid shall be in the English or Hindi language.
- The financial proposal to be submitted in the format specified in Annexure 1.

Timeline

Date of Publication	23 rd June 2026
Last Date of Submission of RFQ	3 rd July 2026
Issuance of the Purchase Order	7 th July 2026
Start Date of the agreement	10 th July 2026
Completion of Agreement	20 th March 2027

Submission of RFQ:

- The RFQ must be submitted (as per Annexure 1):
- Submit proposals with all the technical documents and detailed cost breakdowns as per Annexure 1 and include a total cost summary for Annexure 1 after presenting individual cost details.

Pricing:

- The interested agencies would submit the financial bid only in the format annexed as Annex 1.
- Proposals should reflect cost for each component as specified in Annexure 1.
- Payments will be made based on verification of completed work.
- Final payment will be released after inspection and approval by the project team.
- BRLF reserves the right to define the payment schedule after selection of the agency.

BRLF reserves the right to call the shortlisted or selected agency or agencies for any queries if required.

Please submit the following documents with your proposal:

- (i) Profile of individual/ firm.
- (ii) PAN Card, GST Registration, MSME and Income Tax Return for the last three years.
- (iii) Purchase Order/Work Order of similar assignments undertaken in the past Two years.
- (iv) Financial Quote as per Annexure 1.

Instruction for Proposal Submission

Kindly submit the financial proposals thorough online on **email id – procurement@brlf.in** with subject line as ***“Proposal for Solar powered portable irrigation pump, Jharkhand”***. ***“You are requested to submit your proposals in encrypted form.”***

Bharat Rural Livelihoods Foundation

C-32, 2nd Floor, Neeti Bagh, New Delhi- 110049, Contact number: 011-46061935

The Last date of submitting proposal is July 03, 2026.

Any proposal received after the deadline will not be considered.

Annexure-I

Sl. No.	Parameter	Specification	Qty	Rate per Unit	Total Amount
1	Pump Type	Solar-powered DC pump	30		
2	Solar Panel Capacity	240W (2 sets of 120W panels in parallel)			
3	Solar Panel set up	Foldable Panels			
3	Maximum PV Input	360W			
4	Maximum Flow Rate	Up to 3,600 L/hr (1 L/s)			
5	Daily Water Output	Up to 21,000+ litres/day			
6	Maximum Suction Lift	7 metres			
7	Maximum Total Head	15 metres			
8	Maximum Horizontal Discharge	500 metres (1500 feet)			
9	Maximum Pump Voltage	64 V DC			
10	Maximum Motor Current	3 amps DC			
11	Pump Weight	Approx. 20.5 kg			
12	Pump Dimensions	520 × 200 × 535 mm			
13	Warranty	10 years			

Cost Should be inclusive of GST and Transportation cost till destination.