

## Frequently Asked Questions (FAQs)

Tender No: TERI/MAT/2023–24/015 Dt.: 08.12.2023

TERI invites Bids from Prospective Bidder through tendering for the” implementation (weavers’ identification, co-funding mobilization, supply, installation and maintenance for five years) of approximately 28 numbers of hybrid solar charging unit for power loom in the state of Madhya Pradesh, Chhattisgarh and Maharashtra”.

**1. Who are eligible for supply and installation work under the project?**

The bidder should be an organization registered/ incorporated under Companies Act. 1956 or Companies Act. 2013, and further amendment(s) /Firm/ Corporation/ NGO in India. For details, please refer eligibility conditions (P.3)

**2. What are the technical and financial criterions of eligibility of supplier?**

For details, please refer eligibility conditions (P.3)

**3. What is Hybrid Solar Charging Unit (HSCU)?**

A hybrid solar charging unit is an integrated unit of solar module, PCU and lithium battery, designed for addressing the complimentary and supplementary need of electricity for running power looms.

**4. What are the technical specifications of the technology?**

A Hybrid solar based charging unit comprises: Solar module of 3 kWp, Solar PCU with MPPT 5 kW- 3 phase, Lithium battery -7.2 kWh, cable MCB, earthing kit, lighting arrester and accessories.

**5. Is it three phase type or single-phase type system?**

Three phases

**6. Who are the intended beneficiaries of the project?**

Weavers – running 4-6 power looms.

**7. Who is responsible for beneficiary identification?**

Selected vendor is responsible for beneficiary identification, in consultation with TERI’s representatives.

**8. Who is responsible for co-funding mobilization from beneficiary?**

Selected vendor is responsible for co-funding mobilization and its transfer to TERI through NEFT /RTGS/DD.

**9. Who is responsible for beneficiary documentation?**

Beneficiary baseline, other details, ID cards are to be done by selected vendor, followed by its review by TERI's representatives.

**10. Who is responsible for maintaining installation and commissioning document?**

Installation and commissioning certificate, in a prescribed format, is to be provided by selected vendor, followed by its cross checking at each site by TERI representative.

**11. Who is responsible for overall implementation of the project?**

TERI is responsible for overall implementation of the project, which includes among others system installation, reporting and financial utilization of the project.

**12. Is there any third-party monitoring of the project?**

Yes, sponsor of the project keeps on engaging third parties for field monitoring and financial review of the project. During those processes, selected suppliers are required to cooperate at all levels.

**13. Is it a CSR supported project?**

Yes, this project is being executed with the financial support received under the CSR initiative of a corporate.

**14. Is there any preference of clusters in the state of MP/CG/MH?**

No, there is no preferred cluster as such. Only criterion is state and known power loom clusters. Indicative clusters are MP- Burhanpur, Indore / CG- Champa, Janjgir, / MH- Malegaon, Ichalkaranji, Bhiwandi, Solapur, Nagpur. Beneficiary should be owners of 5-10 power looms. Neither too small nor factory owners, since it is a CSR project.

**15. In what proportion hardware cost is supported through CSR fund?**

60% of the discovered hardware cost is supported under project through CSR fund. Balance 40% of the cost is to be borne by beneficiary. This 40% cost is to be mobilized by supplier at the time of installation of system at beneficiary premise and deposited directly to TERI's account.

**16. What is the timeline of the project?**

28 units must reach to site latest by 15<sup>th</sup> March 2024 and installation of all systems in all aspects must be completed by 15<sup>th</sup> May 2024.

**17. What is the payment schedule for the suppliers?**

Payment schedule is 60% (receipt of hardware at site), 30% (after deposit of 100% co-funding amount), 10% (after 1 year of installation). Please refer P.20 (Payment section of Agreement)

**18. For how many years HSCU is to be maintained?**

5 years from the date of installation and commissioning.

**19. Whether supplier will have any restriction on procurement from any manufacturer?**

TERI will introduce selected vendors to quality manufacturers. Other can also be explored. Quality and timeline are most important criterion.

**20. Is there any field research also involved in the project?**

Yes, TERI being a research organization, keep on doing research and cooperation from selected suppliers will be sought for data collection, household access etc.

**21. For further query who to get in touch with?**

Contact persons:

1. Technical query: Jitendra Tiwari – 9415039886 / [Jitendra.tiwari@teri.res.in](mailto:Jitendra.tiwari@teri.res.in)
2. Bid related query: M K Tiwari – 09911123981 / [manoj.tiwari@teri.res.in](mailto:manoj.tiwari@teri.res.in)