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 15th March 2024 and installation of all systems in all aspects must be completed by 15th 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
   2. Bid related query: M K Tiwari – 09911123981 / manoj.tiwari@teri.res.in