

EXPRESSION OF INTEREST

SCOPE OF WORK :

“To Carry out a Pre-Feasibility Assessment of Rooftop Solar Project at NIT Hamirpur”
The various aspects related with scope of work includes as follows:

1. Review of existing power infrastructure of NIT Hamirpur such as transformer capacity, connected load, energy consumption, electricity tariffs, billing expenses etc.
2. Survey of rooftops in the buildings located in the premises of National Institute of Technology Hamirpur (HP) to identify key project information such as available area, shadow free area, structural strength, accessibility and connectivity requirements etc.
3. Rooftop Solar Potential Estimation Gross and Net.
4. Solar Resource Assessment
5. Indicative Energy Yield Assessment with TIER-1 technologies for identified potential with using PVSYST or equivalent software.
6. Indicative Financial Assessment in Terms of Indicators, Levelized cost of Energy (LCOE) payback period, project IRR etc.
7. Assessment for Evacuation of Power from the Proposed Project Site through the Electricity distribution Utilities and Identifying any technical risks and barriers associated (if any).
8. Reviewing various Policies & Scheme of Government of India and Government of Himachal Pradesh (including State electrical utility agency HPSEBL) concerning promotion of roof-top solar and assessing how the various incentives (if any) under these schemes & regulations may be integrated into the project.
9. Potential Business Model for Sale of Energy
10. Prepare and submit a detailed Feasibility Assessment Report on the basis of above-mentioned points and identify principal issues associated with the Project and its techno-commercial aspects

Terms & Conditions :

Only Experienced Firms/ Consultants /NGOs having adequate work experience in this field need apply furnishing list of projects/ assignments along with Copy of Job orders already completed / Ongoing .

- (a) *The firms / Agencies must have a valid GST/ Registration credentials with appropriate official status within India*
- (b) *The firms may at their own cost carry out visit at NITH Campus for their actual assessment / analysis before submission of their financial & Technical bids.*
- (c) *Duration allotted to complete the proposed pre-feasibility report is 45 days from Date of Award of work/Job order/ Contract whichever is earlier*
- (d) *Application/ Responses received after 25/03/2023 (0 5.00PM)will not be considered what so ever.*
- (e) *The bids (Technical & Financial)/ EOI will be evaluated by Institute Committee on the basis of experience , Cost and Capacity of Projects handled, furnishing needful details , feedback etc.*
- (f) *Any bid/EOI if not found in order will be summarily rejected*
- (g) *Canvassing in any form will amount to rejection of Bid.*
- (h) *Financial bids would be opened only for those firms which qualify in technical bids*
- (i) *Decision of Institute with regard to evaluation criteria/job contract terms will be final what so ever& can be cancelled at any stage without any notice without assigning any reasons.*