

“JYOTHI” – SOLAR POWER PACK FOR STREET VENDORS

ANERT invite “Design Challenge” for innovative multi use solar light unit for street vendors.

' Kerosene Free Street'

Requirements

1. 3W LED Luminary with cable (5m) with switch- 2 nos.
2. MP3 Player with USB port.
3. Mobile Phone charging facility with USB port(5.1V, 2A)
4. Built in Torch with 2W LED
5. Built in radio with digital display of stations.
6. Battery should be Lithium Ferrophosphate for operating the above items for 4 hours use per day with 2 days autonomy.
7. Poly crystal solar module with necessary capacity with 10m, 2 core cable including IEC/IS certificates.
8. IP 65 protection for outer cover for product.
9. Provision for charging the battery through AC supply with necessary protection circuit.
10. Indication for Solar/ AC charging/Low battery/ Battery charge level etc.
11. FM/MP3 switches in the front panel of power pack.
12. Provision for fixing 3W LED Lamp with folding type stand arrangement with power pack.
13. USB output socket with 5.1V, 2A
14. Portable with multiuse with excellent design.
15. Except module & 3W luminary all other components in single circuit.

Who are the Participants

Public, Students, Engineers, Manufactures, Contractors, Technicians are participated in this programme. Participant should submit the working model of solar power pack as per ANERT requirement.

Terms & Conditions

- A. Working model product should be submitted with all accessories.
- B. Expert committee of ANERT evaluate the products and select 10 models for detailed evaluation. Rs. 1 lakh for first prize, Rs. 50,000/- for second prize and Rs. 25,000/- for third prize. Incentive of Rs. 10,000/- may be given for selected 7 models.
- C. After technical evaluation, required quantity of lights must be supplied through tender process.
- D. The details of components of products and technical specification should be submitted along with the product.
- E. Director, ANERT is authorized to distribute the selected solar light to beneficiaries with or without modification.
- F. The light can be submitted to ANERT HQ up to 26th December 2018 for the design challenge.
- G. The details are available in ANERT website(www.anert.gov.in)



DIRECTOR