



## TRIPURA RENEWABLE ENERGY DEVELOPMENT AGENCY

(A Constituent Organization of DSTE, Government of Tripura)  
Vigyan Bhawan, Pandit Nehru Complex, Gorkhabasti, Agartala, Tripura,  
Tele-fax: 0381-2325900, 2326139, email-tredaagartala@gmail.com

**NIT No.F.6(188)/TREDA/NCES/ 2015/3207**

**Date 03/11/2015**

### NOTICE INVITING TENDER

Sealed tenders are invited from the bidders fulfilling eligibility criteria specified hereunder for the work given below:

PNIQ No.	Name of the work	Qty.	Tender fee	Earnest Money	Time for completion
No.F.6(188)/TREDA/NCES/ 2015/3206, dated 03/11/2015	Supply of White LED based Solar Photovoltaic Lantern in Tripura on turnkey basis as per the specifications mentioned in the NIT including 1 (one) year Guarantee / Warranty.	200 (two hundred) nos.	Rs. 500/- (Rupees five hundred only)	2.5% of the total quoted amount	60 (sixty) days

2. The sealed tender superscripted "NIT for supply of LED based Solar Photovoltaic Lantern in Tripura on turnkey basis" with NIT no. & Date, Due date & time, name of the bidder etc. along with all required document as per the NIT would be received by the undersigned during office hours till **3:30 PM** on or before **24/11/2015**. The sealed tender will be opened on the same day at **4:00 PM**, if possible. In case the last date of dropping happens to be a holiday, the tenders will be received on next working day within the specified time.
3. Cost of Tender Document & EMD: Demand Draft or D-call drawn in favour of "The Director & Chief Executive Officer, Tripura Renewable Energy Development Agency (TREDA)" on any Scheduled Bank having branches at Agartala & should be enclosed with the Tender.
4. Tender without Cost of tender document & EMD will automatically be rejected.
5. **ELIGIBILITY:** The bidder must have one of the eligibility criteria:
  - 5.1. Company registered under the Indian Companies Act 1956 with valid CST/VAT/PAN/TIN registration certificate and copies of the same should be submitted along with the tender.
  - 5.2. Authorized Dealer / Agent of the Company (specified at Clause No. 5.1 above) having valid CST/VAT/PAN/TIN registration certificate and copies of the same should be submitted along with the tender.
6. **CREDENTIALS:** Must have supplied at least 100 nos. of LED based Solar Photovoltaic Lanterns by the bidder himself or the Company during last /current financial year. Relevant documents should be enclosed with this tender.
7. **SPECIFICATION:** The specifications of the systems are as under:

PV Module	Minimum 2.5 Wp to 3.0 Wp under STC <ul style="list-style-type: none"> <li>• Poly crystalline panel with industrial glass / aluminum frame and minimum 5 meters ISI marked cable.</li> <li>• A distinctive serial number should be engraved on the frame of the module or screen printed on the tedlar sheet of the module.</li> </ul>
Battery	2800 mAh, 3.3 volt Lithium Ferro-Phosphate (LFP) battery
LED	<b>a)</b> Power LED with 110 lumens total flux (150 lumens per watt) <b>b)</b> The lamp should have 3 (three) mode operation (LOW/ MEDIUM / TURBO)

*[Handwritten Signature]*  
2/11

Lamp enclosure	<p>a) Polycarbonate and ABS IP64 rated enclosure should be used and should have water sealed enclosure lamp should be light and highly portable,</p> <p>b) A stand should be provided so that the lamp can be used on the table top or can be hang off a wall,</p> <p>c) Hand carry strip should be provided on the lamp.</p>
Electronics	<p>a) Efficiency approximately 85 - 90%</p> <p>b) LED indicator showing the level of Solar Energy being received by the panel</p> <p>c) Microprocessor controlled battery management system should be provided which automatically switches to low mode when battery is low providing additional light for 5 (five) hours</p> <p>d) Mobile Charging option.</p>

8. DELIVERY PERIOD: 60 (sixty) day from the date of issue of the work order.
9. SERVICING CENTRE: The successful bidder should open Servicing Centres for providing after sales services during warranty/guarantee period.
10. WARRANTEE/GUARANTEE: All parts and components of the solar lanterns such as module, battery, LED, electronics etc. shall be warranted / Guaranteed for **1 (one) year** from the date of supply and shall be repaired / replaced free of cost by the successful bidder within the warranty/guarantee period.
11. Any complaint must be attended within 7 (seven) seven days from the receipt of complaint in writing or telephonically.
12. RATE: The rate quoted should be in Indian Rupees and be firm.
13. PAYMENT AND OTHER FINANCIAL TERMS:
- 13.1 No advance payment will be allowed.
- 13.2 90% payment will be released on completion of successful & satisfactory supply of the Systems
- 13.3 10% amount against the supply will be retained as security deposit which will be released at the end of the Guarantee / Warranty period on satisfactory performance.
- 13.4 The Income Tax & TVAT etc. as applicable & necessary will be deducted from bill at source as per the then prevailing rate.
14. The quantity shown in the tender may be increased or decreased by 25% at the discretion of authority as per the accepted rate, terms & conditions stipulated in the Work Order of successful bidder.
15. Legal Case: All disputes are to be settled within the jurisdiction of Tripura High Court, Agartala.
16. Deviation of specifications and Terms and Conditions of NIT documents may cause for rejection of the offer of bidder.
17. NIT document along with all relevant documents must be signed & stamped by the bidder.
18. The above terms and condition will be stipulated in the work order.
19. Right to Accept / Reject the tender: Undersigned reserves the right to accept or reject any tender and to annul the entire process and reject all such tenders at any time prior to award of contract, without thereby incurring any liability to the affected applicant(s) or any obligation to inform the affected applicant(s) of the ground for such decision.



(K K GHOSH)  
**Director & CEO**



**BIDDING SCHEDULE**

**Tender Inviting Authority:** Director & Chief Executive Officer, TREDA.

**Name of Item:** Supply of LED based Solar Photovoltaic Lantern throughout the state of Tripura on turn-key basis (As per specification of NIT).

**NIT:** No.F.6(188)/TREDA/NCES/ 2015/3207, dated 03/11/2015

**Name of Bidder:**

Description of the Items	Qty	Rate (with detailed breakup)	Amount
Supply of White LED based Solar Photovoltaic Lantern in Tripura on turnkey basis as per the specifications mentioned in the NIT including 1 (one) year Guarantee / Warranty.	200 nos.		
(Rupees _____ )			

Date

Signature of bidder & seal

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SIGNATURE OF BIDDER WITH SEAL & DATE

*Chiranjit*  
2/11/15