



**OFFICE OF THE ADDL. PRINCIPAL CHIEF CONSERVATOR OF FORESTS**  
**(WILDLIFE) EAST, NAGPUR**

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Nagpur  
Dated 21.12.2017

**Quotations for supply of AC Energizers**

The Forest Department has received grants under 'Integrated Habitat Conservation & Eco-development in Vidharba Tiger Landscape' from IUCN and there is a provision for development of Anti-crop raiding fences in the project.

Quotations are invited from reputed organizations/individuals for supply of AC Energizer for use in anti-crop raiding fences.

1. The technical specifications are as under.

|                              |          |
|------------------------------|----------|
| Input Voltage                | 230 V AC |
| Input Current                | 500mA    |
| Output Voltage               | 10kV     |
| Output Energy                | 2.5 J    |
| Approx Fence length (in kms) | 1.5      |

The supplier may suggest better specifications

2. AC Energizer should be safe for humans/animals. The supplier should arrange for safety certificate from reputed organizations of the Government/ CPRI/ ETDC.
3. AC Energizer should be tamper proof, water resistant (should confirm to IP 65 protection norms).
4. AC Energizer should be able to energize a fence of length 1.5 km (approximate).
5. The supplier should demonstrate the usefulness of energizer through on field testing using CCTV monitoring. Logistics and required materials will be provided by the indenter.
6. The supplier should have provided at least two solutions to the government departments in the fields of electric/electronic/solar/ mechanical engineering. Proof of the same should be enclosed.
7. The cost of Energizer excluding the taxes be quoted. All the taxes shall be borne by the indenter.
8. A committee will scrutinize and approve the energizer. After the approval the supplier should provide 10 energizers for field adoption at the approved cost. The supplier has to train the farmers in safe use of the energizer.
9. The suppliers should submit their proposal on letter head / plain paper latest by 15.00 hours on 29<sup>th</sup> December 2017 at the office of the Additional Principal Chief Conservator of Forests (Wildlife) Near Government Printing Press, Civil Lines, Nagpur- 440001.

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