

File No. 15-60/2008-NTCA
NATIONAL TIGER CONSERVATION AUTHORITY
(Statutory Body under the Ministry of Environment & Forests, Govt. of India)

The National Tiger Conservation Authority (NTCA), a statutory body under the Ministry of Environment & Forests, is in the process of developing a software for (i) intensive monitoring of source population of tigers in tiger reserves, and (ii) a data entry software relating to evidences of wild animals.

In this context, the NTCA wishes to shortlist a panel of agencies / service providers / vendors with proven track record and expertise in the concerned field.

Tasks to be performed

1. Software for intensive monitoring of tiger reserves

- Developing a programme for monitoring of tiger population through mark-recapture by camera traps, Prey evaluation by distant sampling, and Integration of data from GPS / Satellite and VHF telemetry relating to tiger ecology.
- Programme for integrating spatial and temporal field data in a site specific GIS system for statistically analyzing the entered data, to draw inferences and generate output for field management.
- Evolving a user friendly data entry system with facility for compilation, storing, searching and retrieval, alongwith statistical routine for computing the variance and determining sample size needed for desired statistical power to detect trends.

2. Data entry software for all India tiger status evaluation

- User friendly data entry relating to carnivore sign encounters, ungulate encounter on transects, habitat variables of tree cover, ground cover, and anthropogenic variables, vis-à-vis the all India tiger estimation data stored in Excel and Access software.
- The software should upgrade the earlier data and should be capable of sieving data errors at the data entry stage.

Agencies interested in undertaking the above work may send their credentials along with details of work experience in a sealed cover to the following address by 12th November, 2008 positively:

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