भारतीय वन्यजीव संस्थान
Wildlife Institute of India

Advt. No. (No. WII/KR/PROJECT/DRONE/2015/018)

Recruitment of Project Engineers and Project Biologists
by
WALK-IN INTERVIEW

For the WII-NTCA Collaborative Project

'E-bird Technology for Tiger Conservation: Development and Integration of Un-manned Aerial Vehicles as a Surveillance and Monitoring Tool for Protection of Tiger and Capacity Building of Frontline Staff"

The Wildlife Institute of India (WII) is a premier autonomous Institute under the Ministry of Environment, Forest & Climate Change, Government of India, in the field of wildlife research, training, and management. The WII wishes to engage 03 Project Biologists and 03 Project Engineers for the project "**E-bird Technology for Tiger Conservation: Development and Integration of Un-manned Aerial Vehicles as a Surveillance and Monitoring Tool for Protection of Tiger and Capacity Building of Frontline Staff**" for a period of 01 year (*extendable*) through Walk-In Interview on **31ˢᵗ May 2017** at WII.

The EQ, DQ and other details of the positions are provided below:

1	**Positions & Emoluments**	03 – Project Biologist (Fellowship: Rs. 25,000 + HRA/Month) 03 – Project Engineer (Fellowship: Rs. 25,000 + HRA/Month)
2	**Location of Project Site(s)**	13 Tiger Reserves, one-each from a state, across India
3	**Essential Qualification(s) (EQ)**	**Project Engineer**: Graduate Degree in Professional Course in Technology/Engineering (Aeronautical/ Robotic/ Mechatronics/ Mechanical/ Electrical/ Electronics & other relevant subjects) from a recognized university/institute. **Project Biologist**: Masters' Degree in Science (Wildlife Science/ Botany/ Zoology/ Forestry/ Life Science/ Agriculture/ Environmental Sciences/ Biological Sciences/ Veterinary Science Geography/ Geo-informatics) from a recognized university/institute.

4	Desirable Qualification(s) (DQ)	**Project Engineer**: Experience/interest in (a) Design and development of UAVs; (b) Robotic engineering; (c) Short-range and long-range telecommunications; (d) Working with autopilots; (f) Repair & maintenance of fixed wing and rotary wing aerial systems/drones.
		Project Biologist: Experience/interest in (a) Human-wildlife conflict mapping, (b) Spatial analysis and modelling using Remote Sensing and GIS tools; (c) Radio-telemetry; (d) Camera trapping and analyses; (e) Population estimation techniques.
5	Description of Work(s)	**Project Engineer**: Procurement, design and assembling of fixed-wing and rotary-wing UAVs; Fly UAVs and training field staff for implementation at field level. Develop interface technology for telemetry involving VHF/GPS/RFID tools; Develop interface technology and remote data transfer and automated data collection through wireless communication; In-house development and technology transfer to field teams.
		Project Biologist: Modelling and mapping human-wildlife conflict areas and identification of vulnerable areas for human-wildlife conflicts; Identification and rationalization of surveillances sites in the context of poaching risks; undertake R&D for animal telemetry based on VHF and RFID using UAV; habitat mapping and wildlife population estimation using UAV.
6	Age Limit	**Shall not be more than 28 years.** The upper age limit may be relaxed up to 5 years as per Government of India rules.

GENERAL TERMS & CONDITIONS

1. Interested candidates should bring along application in the prescribed format, duly signed and accompanied by self attested copies of documents on educational qualifications, research experience, UGC/CSIR/GATE certificate (if any), extracurricular activities, date of birth, mark sheets of all examinations, community certificate (if sought relaxation as per Government of India rules), etc.

2. The candidate should report at Wildlife Institute of India (WII) with a copy of application and original documents by **0930 hrs** for scrutiny of documents on **31 May 2017** followed by an Interview on the same day at **1100 hrs** onwards.

3. At the time of the verification of original documents (even after selection), if it is found that an attempt has been made by the applicant to wilfully conceal,

misrepresent or canvass the facts, such applicant will not be considered for selection/appointment and due action will be implemented.

4. The Institute will not provide accommodation for candidates appearing for the interview.

5. No TA/DA will be paid for attending the Interview and the candidate should bear the cost of Skype call.

6. The application form can be downloaded from the Institute's website **www.wii.gov.in**

7. The Director WII, reserves the right to reject any candidature in view of incomplete information provided by the candidate or for any other reason thereof.

Nodal Officer
Externally Funded Project