



भारतीय वन्यजीव संस्थान
Wildlife Institute of India

(An Autonomous Institution of Ministry of Environment, Forest and Climate Change, Government of India)

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Contractual Engagement of Project Personnel for Biodiversity Conservation and Ganga Rejuvenation under National Mission for Clean Ganga(NMCG)

The National Mission for Clean Ganga (NMCG) under the Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India has initiated a project "Biodiversity Conservation and Ganga Rejuvenation" in collaboration with the Wildlife Institute of India (WII), Dehra Dun. This project aims to prepare a science-based aquatic species restoration plan for Ganga River by involving multiple stakeholders. This project has six components viz.(1) Establishment of Ganga Aqualife Conservation Monitoring Centre at Wildlife Institute of India (WII), Dehra Dun, (2) Planning Aquatic Species Restoration for Ganga River, (3) Capacity Building of Forest Department and Other Stakeholders,(4) Establishment of Aquatic Wildlife Rescue and Rehabilitation Centres, (5) Community Based Conservation Programmes for Species Restoration in Ganga Riverand, (6) Nature Interpretation and Education for Biodiversity Conservation of Ganga River.These programmes will be implemented for the duration of three years. The WII requires motivated and qualified candidates, interested in contributing to the restoration of biodiversity values of Ganga River under the following three components.

1. Establishment of Ganga Aqualife Conservation Monitoring Centre: The objectives of this component are: (a) Build up scientific knowledge base on aquatic wildlife of the Ganga River Basin in accordance with the objectives of the proposed Ganga Knowledge Centers through literature survey and field observations; (b) Disseminate knowledge on the biodiversity of Ganga to the general public and scientific community through printed and electronic medium; (c) Promote sustainable utilization of goods and services provided by the riverine ecosystem by developing stake of local communities in conservation efforts in consonants with the Indian cultural and socio-economic milieu; (d) Develop policy briefs for considering the needs of aquatic fauna in planning and execution of water development projects;(e) Develop as a center of International importance on aquatic wildlife and natural resource conservation; (f) Collaborate with National and International agencies for conservation of aquatic biodiversity.

2. Capacity Building of Forest Department and Other Stakeholders: The objectives of this component are:(a) Develop capacity of Forest Officers of Ganga States and other stakeholders for monitoring of aquatic wildlife, management planning of wetlands, community involvement in conservation and conservation education; (b) Identify and create spearhead teams consisting of selected forest staff and local youth and train them in different aspects of participatory biodiversity conservation and methodologies for survey of

the indicator species;(c) Develop training material for the above training programmes and for future use.

3.Establishment of Aquatic Wildlife Rescue and Rehabilitation Centres: The objectives of this component are:(a) Establishment and up-gradation of rescue and rehabilitation centres at identified sites in Ganga States; (b) Capacity enhancement of local communities in rescue and release operation; (c) Capacity enhancement of personnel of the forest department and field veterinarians in managing emergent situations. The details of the positions are as follows:

Category	Establishment of Ganga Aqualife Conservation Monitoring Centre	Capacity Building of Forest Department and Other Stakeholders	Establishment of Rescue and Rehabilitation Centre	Total
Project Scientist (Ecology)	1	0	1	2
Project Associate (Ecology)	1	1	0	2
Project Associate (Veterinary Science)	0	0	1	1
Project Fellow (Ecology)	3	1	2	6
Project Fellow (GIS & Remote sensing)	1	0	0	1
Database operator	1	0	0	1
Project Assistant (Administration)	1	0	0	1
Project Assistant (Finance)	1	0	0	1
Total	09	02	04	15

All engagements are purely on a contractual basis, initially for one year period from the date of engagement that can be extended depending on the candidate's performance and the programme needs for further periods up to three years. The work description, essential and desirable qualifications, age (as on date of advertisement) and the consolidated monthly emoluments for the required position is given in **Annexure 1**.

Recruitment process

(i) Candidates should send their applications in the prescribed proforma (**Annexure 2**) typed out on A-4 size paper (210 x 297 mm) accompanied by crossed Indian Postal Order/Bank Draft of **Rs. 500/- (Rupees Five Hundred only)** drawn in favour of the **Director, Wildlife Institute of India, payable at Dehra Dun**. Fee is non-refundable. The application form can also be downloaded from the site www.wii.gov.in. Candidates must mention the **Project name, component and position applied for** in their applications. Candidates who are applying for multiple projects and/or positions should send separate applications and fees.

Applications should be accompanied by self-attested copies of certificates of age, educational qualifications, and experience. Shortlisted candidates will have to produce original certificates cited in their applications at the time of written test / interview, without which they will be disqualified. Applications should be sent to the **Administrative Officer, Wildlife Institute of India, Chandrabani, Dehra Dun – 248 002 (Uttarakhand)** so as to reach on or before **30th July, 2016 by 17:00 hours**. Applications from abroad and from those in the Andaman & Nicobar Islands, Lakshadweep, North Eastern Region, Ladakh region of the Jammu & Kashmir State, Sikkim, Pangi Sub-division of Chamba, Lahaul & Spiti Districts of Himachal Pradesh should reach up to **5th August, 2016 by 17:00 hours**. Applications may be sent through Registered post/Speed post/By Hand in a cover.

(ii) The Institute shall screen the applications received by due date. The list of eligible candidates will be hosted on the Institute's website (www.wii.gov.in) by **9th August, 2016**. The written test for short-listing the candidates for the personal interview will be held on **24th August, 2016**.

Applications received after the due date, without the application fee, incomplete, or not in prescribed format will be rejected. Mere fulfillment of the minimum advertised qualification and experience requirement DOES NOT automatically entitle an applicant to be called for written test/interview. The decision of the Institute in all matters relating to eligibility, acceptance or rejection of application, mode of selection will be final and binding on the candidates and no enquiry or correspondence will be entertained from any individual or his/her agency. At the time of the verification of original documents, if it is found that an attempt has been made by the applicant to willfully conceal, misrepresent or canvass the facts, his/her candidature will not be considered and he/she will not be allowed to appear for the interview. Candidates are required to furnish the declaration form as given in the prescribed application form.

(iii) Eligible candidates have to report at the Auditorium located inside the Institute campus at Dehra Dun on **24th August, 2016 at 09:00 hours** with their **original documents /certificates** for verification. Eligible candidates have to appear for written test **on the same day from 10:00 hours onward** in the Auditorium. Separate examinations will be organized for the project positions, between **10:00 - 11:00 hours for Project Scientist positions, 12:00 – 13:00 hours for Project Associate positions, and 14:30 – 15:30 hours for Project Fellow positions**. The examination will be of one-hour duration with 40 objective type questions of one mark each. There will be twenty questions covering wildlife ecology and management, and twenty questions on the subject domain of respective posts as specified in the Syllabus (**Annexure 3**).

(iv) Results of the written test shall be declared on **25th August, 2016 by 15:00 hours** in the Institute's website (www.wii.gov.in). Up to five (05) candidates will be short-listed per post in each of the projects based on their merit, i.e., the marks obtained in the test. The short-listed candidates have to appear for a personal interview **on 26th, 2016 from 10:00 hours onward** in the Institute's Board Room. The marks scored in the written test and in the interview would be combined to determine the order of merit.

Annexure 1: Recruitment details for Species Conservation Programmes

Project components	Sr. No.*	Position	No. of Posts	Broad work description	Essential qualifications	Desirable qualifications**	Age limit	Consolidated monthly emolument(INR) including allowances***
Technical positions								
1. Establishment of Ganga Aqualife Conservation Monitoring Centre	1.1	Project Scientist	1	Candidate will implement the objectives of the Ganga Aqualife Conservation Centre.	Ph.D. in Wildlife Sciences / Zoology / Life Sciences / Forestry or related subjects with ≥ 1 year' experience in Wildlife Science / conservation, after the submission of Ph.D. thesis.	Expertise in wetland ecology or conservation and sound knowledge on biology of aquatic wildlife. Good management skills.	50 years	56,000
	1.2	Project Associate (Ecology)	1	Candidate will assist the Project Scientist in implementing the objectives of the Ganga Aqualife Conservation Centre by analyzing available information.	Masters' degree in Wildlife Sciences / Forestry / Environmental Studies / Botany / Zoology / Life Sciences or related subjects with ≥ 3 years' experience in wildlife science.	Experience in fresh water population and habitat assessment; good analytical skills; good management skills.	45 years	45,200
	1.3	Project Fellow (Ecology)	3	Candidate will assist the Project Scientist and Associate in field ecological research and conservation in Ganga river.	Masters' degree in Wildlife Sciences / Veterinary science/ Forestry / Environmental Science or Management / Botany / Zoology / Life Sciences or related subjects with ≥ 1 year experience of wildlife science.	Research / conservation experience on aquatic mammals / wetland ecology.	40 years	32,000
	1.4	Project Fellow (GIS & Remote Sensing)	1	Candidate will work on GIS and Remote Sensing component	Masters' degree in Remote Sensing/ Wildlife Sciences / / Forestry / Environmental Science or Management / Botany / Zoology / Life Sciences or related subjects	Experience of working on wildlife and habitat management	40 years	32,000

	1.5	Database operator/content Developer	1	Candidates will develop and maintain Ganga aqualife database. Develop and maintain web page on Ganga aqualife	in Remote Sensing/ Wildlife Sciences / Forestry / Environmental Science or Management / Botany / Zoology / Life Sciences or related subjects or Bachelor's degree with minimum of 60% aggregate marks in computer science with ≥ 2 years experience or master in Computer application with knowledge on Wildlife Sciences, Biodiversity Conservation	Experience of development and management of database and web designing	40 years	32,000
3. Capacity Building of Forest Department and Other Stakeholders	3.1	Project Associate (Training coordinator)	1	Capacity building workshops on management planning of wetlands and aquatic habitat, for officials of forest department and other line agencies of selected states from Ganga basin.	Masters' degree in Wildlife Sciences / Forestry / Environmental Studies / Botany / Zoology / Life Sciences or related subjects with ≥ 3 years' experience in wildlife science.	Experience in organizing capacity building workshops; good analytical skills; project management skills.	45 years	45,200
	3.2	Project Fellow (Training)	1	Candidate will assist the Project Scientists in conducting workshops and training programmes.	Masters' degree in Wildlife Sciences / Forestry / Environmental Science or Management / Botany / Zoology / Life Sciences/ or related subjects or Economics/ Sociology/ Political science with ≥ 1 year experience of research/ conservation / training.	Experience in organizing capacity building programmes.	40 years	32,000
4. Establishment of Rescue and Rehabilitation Centres	4.1	Project Scientist (Rescue and rehabilitation)	1	Candidate will coordinate and implement the objectives of the Aquatic Wildlife Rescue and Rehabilitation Centres.	Ph.D. in Wildlife Sciences / Zoology / Life Sciences / Veterinary sciences or related subjects Master Degree in Veterinary Science or related subjects with ≥ 2 years of experience in veterinary practice / research / conservation.	Experience in conservation breeding and Zoo management; Handling of emergent situations pertaining to higher aquatic vertebrate fauna	50 years	56,000
	4.2	Project Associate (Veterinary)	1	Candidate will assist the Project Scientist in implementation of activities in the Aquatic Wildlife Rescue and Rehabilitation Centres.	Masters' degree in Veterinary Science with ≥ 2 years experience or Bachelor in Veterinary Science with ≥ 4 years' experience in veterinary practice / research / conservation.	Experience of working on aquatic wildlife such as gharial, mugger and turtles or rescue and rehabilitation of wildlife species.	45 years	45,200

	4.3	Project Fellow (Ecology)	2	Candidate will assist the Project Scientist and Associate in implementation of activities in the Aquatic Wildlife Rescue and Rehabilitation Centres.	Masters degree in Wildlife Sciences / Forestry / Environmental Science or Management / Botany / Zoology / Life Sciences / Veterinary Science or related subjects with ≥ 1 years' experience of research / conservation	Experience in rescue and rehabilitation of freshwater aquatic species	40 years	32,000
Administrative positions								
1. Establishment of Ganga Aqualife Conservation Monitoring Centre	1.6	Project Assistant Grade II (Administration)	1	Candidate will provide administrative and office management support for the Species Conservation Programmes.	Graduate degree in any discipline with ≥ 1 year experience in secretarial assistance / office management in government / autonomous organizations / PSU	Working knowledge of computer in MS Office, Internet and email; knowledge of typing in English; working knowledge of office procedures; skills of noting and drafting of official letters and reports	40 years	20,000
	1.7	Project Assistant Grade II (Finance)	1	Candidate will carry out accounts, finance and audit related work for the Species Conservation Programmes.	Graduate degree in Commerce with ≥ 1 year of working experience of Finance / Accounts / Audit in government / autonomous organizations / PSU	Adequate knowledge of accounting and expertise in accounting software TALLY; knowledge of computer in MS Windows, Excel, Internet and email; knowledge of preparing cash book, financial reports, balance sheet and filling tax returns	40 years	20,000

* The serial number (Sr. No.) segregates posts based on the unique eligibility qualifications and MUST BE mentioned in the application form.

** Desirable qualifications are only indicative in nature.

*** Allowances include compensation for Medical & Accident Insurance, Telephone/Communication and accommodation etc.

ANNEXURE 2: APPLICATION FORM**PROFORMA FOR APPLICATION**

1. Project Component Name:
2. Position Applied for:
(With Sl.No. of Post as per Annexure 1)
3. Application Fee details:
4. Category
(SC/ST/OBC/UR):
5. Name (in block letters):
Last Name:
Middle Name:
First Name:
6. Father's /Husband's Name:
7. Permanent Address
8. Address for correspondence

Pin code :
Tel. & Fax. No. with STD Code:
E- mail :
Mobile :
9. Nearest Railway Station:
10. Date of Birth (Date/Month/Year):
11. Age as on **July 31, 2016**
(in Years, Months and Days):
12. Educational Qualifications starting with Higher Secondary (10+2):

Space for
photograph duly
signed by the
candidate

Exams passed	Name of the Board/University	Year of passing	Subjects	Division	Percentage of marks obtained

13. If Ph.D., mention the following:

- (i) Title of thesis:
- (ii) University:
- (iii) Name of Supervisor(s):
- (iv) Date of Submission of Ph.D thesis:

14. Secondary and Tertiary skills, if any

15. Number and details of publications

16. Total experience as on 030.06.2016 in years and months in field research / conservation after the submission of Ph.D thesis or after passing out M.Sc. course.

17. Employment / engagement details (Chronologically from present position backwards)

Name of the Employer/ Organization	Full Address of Employer/ Organization	Post held (with pay scale)	Period From* -To*	Total emoluments drawn	Nature of duties/ experience

* Specify Month and Year

18. References: (Name, Designation and contact address details including email and phone)

- 1.
- 2.
- 3.

19. Any other relevant information:

DECLARATION

I affirm that information given in this application is true and correct. I also fully understand that if at any stage it is found that any attempt has been made by me to willfully conceal or misrepresent the facts, my candidature may summarily be rejected and employment terminated.

PLACE :

(SIGNATURE OF THE APPLICANT)

DATE :

ANNEXURE 3: WRITTEN TEST SYLLABUS**Wildlife ecology – 20 marks****(Compulsory for all positions except position No. 1.6 & 1.7)**

Basic concepts of ecosystem, evolution, community ecology and bio-statistics. Bio-geography of India. Habitat ecology of arid grassland/savanna, wetland and coastal ecosystems. Demography, population dynamics and meta-population concepts.

In situ and ex situ conservation. Management of small and insular populations. Role of protected areas in biodiversity conservation. Conservation genetics (Small and declining population paradigms: inbreeding depression & bottleneck etc). Remote Sensing & GIS.

Translocation and reintroduction of endangered and vulnerable species in India. Major species specific conservation programs (e.g.: Project Tiger, Crocodile Project etc). Human - wildlife interactions and their impacts (e.g.: Developmental projects – impacts of dams and barrages, fishery – wildlife conflicts conflict).

Basic concepts of ecodevelopment, relocation of village and compensatory mechanisms. Legal instruments for conservation: Wildlife (Protection) Act, 1972; Indian Forest Act, 1927; Forest (Conservation) Act, 1980; and Environmental (Protection) Act, 1986. International agreements and conventions (CITES, CMS, CBD and Ramsar).

Subject domain syllabus – 20 marks

Aquatic ecology (For position No. 1.1, 1.2, 1.3, 3.1, 3.2, 4.1, 4.3): Biology of aquatic vertebrates. Concept and application of ecotoxicology, e flows and eco-restoration. Management of wetland and coastal habitats.

Veterinary Science (For position No. 4.2): Wildlife Health, Wildlife Disease, Anesthesia and Conservation genetics

GIS & Remote sensing (For position 1.4):

Principles of Remote Sensing and Image Interpretation. Remote sensing platforms; Types and characteristics of sensors. Methods and techniques of image interpretation. Definition and scope of GIS; Functional requirements of GIS: GIS components; Recent trends and applications of GIS; Spatial and non spatial; Data models: Raster and vector; Database Management System (DBMS); Data Structures: Relational, hierarchical and network; Data input: Digitization of maps and imageries; Coordinate transformation; Attribute data generation. Application of Remote sensing and GIS in wildlife habitat management.

Database management (For position 1.5)

Installation, configuration and tuning a database, administering servers and server groups, managing and optimizing schemas, tables, indexes, and views, creating logins, configuring

permissions, assigning roles and performing other essential security tasks, backup and recovery strategies, automation and maintenance, importing and exporting and transforming data from various sources, implementing replication and data merging, and managing data publications and subscriptions.

Written and practical test for Administrative positions - 20 marks

(For positions No. 1.6, and 1.7)

Accountancy and auditing, Computer skills in accountancy. English language usage; grammar, antonyms and synonyms. Computer application. General knowledge and stenography.