

Institute of Environmental Studies and Wetland Management

Department of Environment, Govt. of West Bengal
DD – 24, Sector – I, Salt Lake City, Kolkata – 700064

Terms of Reference (ToR) for engagement of Junior Research Fellow (JRF), for “The study on the possible source identification of the detected heavy metals in the vegetable samples grown in different blocks of the districts of Purba Medinipur, Jhargram, Bankura and Purulia”.

Ref No.: 264- IESWM/3P-200/2023-24(573)

Date: 14th March, 2024

A. Background:

The Institute of Environmental Studies and Wetland Management (IESWM) is a Research Institute functioning under Department of Environment, Govt. of West Bengal and is carrying out various research works related to the Environment and Ecosystem.

B. Objective:

The purpose of the assignment is primarily to ascertain the degree of contamination of heavy metals in the samples of vegetables in order to categorize the study area into Red, Orange and Green as per the level of toxicity.

In order to meet the objectives, the incumbent shall be required to be associated in the collection of samples of vegetables grown in different blocks of the districts of Purba Medinipur, Jhargram, Bankura and Purulia areas along with soil and water samples. Then, to help in determining the possible sources of contamination and also assisting in finding out the possible remedial measures.

C. ToR for engaging Junior Research Fellow:

- a) JRF will be required to go to the designated sites of vegetable fields for collection of samples of vegetables, water and soil.
- b) JRF shall help/assist in conducting the analysis of the heavy metals present the samples of vegetables, soil and water, using Atomic Absorption Spectrometer (AAS), in the laboratory of the Institute.
- c) JRF will work on all environmental related jobs or any other project as and when taken up by the Institute.
- d) JRF should be ready to go to field for the collection of samples, any project related activities and other research associated work.

D. Other Details:

- 1) Name of the Post: Junior Research Fellow (JRF)
- 2) No. of Posts: 1 (One)
- 3) Tenure: 12 (Twelve) months (tentatively)
- 4) Remuneration: 25,000/- per month (Consolidated)
- 5) Age: Maximum 40 years as on 01/01/2024

E. Eligibility:

The Junior Research Fellow should have:

- a) Master degree in Chemistry/ Botany /Zoology/ Environmental Science/ Marine Science/ Agricultural Science/ Microbiology, from any recognized University.
- b) Desirable experience: Two (2) years in the relevant field.

F. General Instructions:

- a) Application in plain paper, giving full bio-data (with contact phone no.) with a recent passport size photograph (pasted on application) along with self attested photocopy of all the testimonials, should be addressed to the Chief Administrative Officer, IESWM, DD-24, Sector-I, Salt Lake City, Kolkata-700064, and submitted within **11.00 am on 28th March, 2024** for appearing Walk-in –Interview.
- b) Applicant will have to produce proof of all the testimonials in original for verification.
- c) It may be noted that if at any stage, it is discovered that an attempt has been made by the applicant to willfully conceal/misrepresent the fact/s, his/her candidature will be summarily rejected or the engagement will be terminated, as the case may be.
- d) The said post is purely temporary and contractual in nature.
- e) This engagement will not confer you any claims, rights, interests or further claims for any job or further engagement/appointment in IESWM. IESWM has no obligation to extend the engagement period.
- f) This engagement can be terminated after issuance of a month's notice or making payment of a month's salary from either side. The termination in the manner prescribed does not cast any aspersion on the performance of the appointee.
- g) It is expected that the candidate will execute the work in a mission mode, so he/she may be required to work on Saturdays, Sundays, holidays and beyond office hours, if necessary. He/she should be ready to stay at the place(s) related to the work, within India, for the interest of the projects and of the Institute, as well.



Alak Haldar

Chief Administrative Officer