



डॉ. अमित पाण्डेय  
निदेशक  
Dr. Amit Pandey  
Director

**भा वा अ शि प - वन उत्पादकता संस्थान**  
(भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद)  
(वन, पर्यावरण, एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार की एक स्वायत्त निकाय)  
तालनुटवा, एन एच. -23, गुमला रोड, रांची 835 303 (झारखण्ड)  
**ICFRE - INSTITUTE OF FOREST PRODUCTIVITY**  
(Indian Council of Forestry Research & Education)  
(An Autonomous Body of the Ministry of Environment, Forest and Climate Change, Govt of India)  
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File No. VIII - RCS - 480 /2019-20(Part-IV)/12 48

दिनांक /Date: 06.10.2023

**भा. वा. अ. शि. प -वन उत्पादकता संस्थान, रांची में अनुबंध के आधार पर "Top soil conservation and Eco-Rehabilitation of selected degraded coal mines of Central Coalfield Limited, Jharkhand through forestry intervention" परियोजना के अन्तर्गत Consultants 'A' की नियुक्ति के लिए विज्ञापन:-**

Application are invited for one Consultant 'A' in ICFRE-Institute of Forest Productivity, Ranchi under the project "**Top soil conservation and Eco-Rehabilitation of selected degraded Coal Mines of Central Coalfield Limited, Jharkhand through forestry intervention**" on payment of consolidated monthly remuneration of Rs. 60,000/-. Full details of vacancy circular are available at the website <http://ifp.icfre.gov.in> & [www.icfre.gov.in](http://www.icfre.gov.in). No TA/DA will be paid for attending interview.

Interested individuals possessing the required qualifications and experience should submit the expression of interest by the prescribed proforma alongwith self-attested supporting documents through registered post only and in single PDF file through email to the undersigned on or before 31.10.2023 to the above mentioned address.

**1. Project Name vacant position and Essential / Desirable qualification:**

S.N.	Title of the Project	Name of the Engagement	No. of vacant Position	Remuneration/ Fee	Essential / Desirable qualification
1.	Top soil conservation and Eco-Rehabilitation of selected degraded coal mines of Central Coalfield Limited, Jharkhand through forestry intervention.	Consultant "A"	01	Consolidated monthly Rs. 60,000/-	<b>Essential Qualification and Experience:</b> (i) Ph.D in natural Science with good knowledge of GIS-RS with MS Office. (ii) Experience in a relevant field for a period of more than 3 and up to 5 years. <b>Desirable qualification:</b> (i) Fluency in communicating and writing reports in English.

**2. Period of Engagement:**

- The initial tenure of engagement for a person as Consultant A would be upto a period of three years (1+1+1) [Subject to performance and presence of the professional in the division concerned being highly useful]. Continuation of the Consultant A beyond three year up to additional two year will be considered on case to case basis with the approval of the undersigned.

- ii. As the post is temporary in nature and purely contractual, in no case any request for promotion of the candidate shall be entertained.

3. **Age Limit:** The maximum age limit for Consultant A shall be 65 years as on 01.06.2023

4. **General Term & Condition:**

- i. The appointment of Consultant A would be on full time basis and they would not be permitted to take up any other assignment during the period of consultancy with the ICFRE- Institute of Forest Productivity, Ranchi.
- ii. Data and documents/reports/papers, etc., generated by the consultant A will be the sole property of the Institute. The consultant A shall not publish a book or a compilation of articles, participate in a radio broadcast, contribute an article or write to newspaper/periodicals either in his own name solely or anonymously or pseudonymous in the name of any other person. The consultant A should ensure to hand over print and electronic copies of data and documents/ reports /papers to the Principal Investigator of the project before completion or termination of the contract.
- iii. The appointment of consultant A is temporary (non-official) nature and the appointment can be cancelled at any time by the competent authority without assigning any reason. Absence from duty for a continuous period of 8 days without any information or any valid reason shall lead to automatic termination of contractual engagement.
- iv. **Drawal of Pension:** A retired Government official appointed as consultant A shall continue to draw pension and dearness relief on pension during the period of his engagement as consultant A. His/ Her engagement as consultant A shall not be considered as a case of re- employment.
- v. **Allowances:** The consultant A shall not be entitled to any allowances such as Dearness Allowances, Residential Telephone, Residential Accommodation, Personal Staff, CGHS Medical reimbursement etc.
- vi. **Leave:**
  - a. Consultant A shall be eligible for 8 days leave in single year of consultancy.
  - b. The leave shall accrue to them on completed month basis calculated from their date of joining on pro-rata basis.
  - c. Consultant A shall not draw any remuneration in case of his/her absence beyond 8 days in a year (calculated on pro-rata basis).
  - d. Un-availed leave in tenure of single year cannot be carried forward to next tenure of 1 year.
  - e. The intervening Saturday, Sunday or Gazette Holiday during a spell of leave not be counted against the 8 leaves.
- vii. **Attendance and working days:**
  - a. The working hours of the consultant A shall be same as regular Government employee working in ICFRE- Institute of Forest Productivity, Ranchi. No extra remuneration shall be allowed for working beyond office hours or on Saturday/ Sunday/ Gazetted holiday.
  - b. The attendance shall be marked in the Biometric System by the Consultant A.
- viii. ICFRE- Institute of Forest Productivity, Ranchi reserves the right to call any number of applicants for interview based on essential and desirable qualification and experience of the applicant

**\*Note: All the terms and conditions will applicable as laid down in the MoEF&CC letter no. A65013/7/2018-P.II dated 21.12.2018 & A65013/7/2018-P.II dated 22.09.2020**

Terms of Reference for engagement of consultant A in ICFRE- Institute of Forest Productivity,

Ranchi

**(i) Precise Statement of Objective:-**

Central Coalfields Limited (CCL), a Government of India coal company and a subsidiary of Coal India Limited (CIL), has its operations spread over 8 districts of Jharkhand viz Ramgarh, Hazaribagh, Bokaro, Palamau, Latehar, Chatra and Giridih and it is the largest coal producer in the state of Jharkhand is committed to promoting sustainable development by protecting the environment by conserving natural resources, restoring ecology & biodiversity, recycling/ proper disposal of wastes, addressing climate change and inclusive growth.

The ICFRE-Institute of Forest Productivity is a research institute of the Indian Council of Forestry Research and Education under the Ministry of Environment, Forest and Climate Change, Government of India, located at Ranchi. It has expertise in ecological reclamation of overburdens, eco-restoration and rehabilitation of mined-out areas & other stressed/degraded/difficult sites. Central Coalfields Limited (CCL) intends to undertake a site-specific study for the Scientific Methodology of topsoil management - its removal, storage and conservation till its reuse for reclamation and Transplantation and restoration of native ecosystem in the reclaimed areas of CCL.

This project has been proposed to Central Coalfields Limited (CCL), Jharkhand, India, for environmental management of the mine areas on the eco-restoration front with the following broad objectives:

1. Developing techno-scientific improvisations in top-soil management to facilitate conservation and utilization of the top soils for biological rehabilitation of mined over areas and overburden dumps.
2. Development of a few site-specific models for eco-rehabilitation of the mined-over areas and overburden dumps in selected mining projects in different representative locations of CCL's area of operations.
3. Supporting the capacity building of the CCL's concerned personnel of Environment Management Units in eco-restoration techniques by way of association with the project activities.
4. Fostering the best feasible restoration-oriented mining operations management and planning in CCL.

Under the project, the engagement of consultants is essential to meet the objectives and time bond jobs like preparation of progress reports and development of site-specific models

**(ii) Outline of the task to be carried out**

- Preparation of Spatio-temporal data inventory for Eco-Rehabilitation of selected degraded coal mines of CCL, Jharkhand, landscape designing. Preparation of monthly progress report.
- Collection of information and documents necessary for Topsoil conservation, Stockpile Storage erosion control techniques and maintenance procedures. Preparation of quarterly progress report.
- Application of RS-GIS tools into various thematic areas of land resource assessment, climate change studies, meteorological observations, etc., for selected degraded coal mines. Preparation of detailed training programmes/modules supporting capacity building of the CCL's concerned personnel of Environment Management Units in eco-restoration

techniques by way of association with the project activities. Preparation of half-yearly progress report

- Preparation of report on Floral biodiversity studies of the sites. Preparation of report on Soil analysis of topsoil and finalization of soil amendments. Screening of suitable species for finalization of plantation models. Preparation of quarterly progress report.
- Preparation of site-specific methodology for Transplantation of plants from new sites. Developing techno-scientific improvisations in top-soil management to facilitate conservation and utilization of the top soils for biological rehabilitation of mined-over areas and overburden dumps. Preparation of annual progress report.
- Soil and water conservation measures for capacity building of stakeholders. Preparation of quarterly progress report.
- Plantation with appropriate design and Geo-tagging of species planted. Preparation of quarterly progress report.
- Screening of Species on the basis of performance and Growth data. To observe and record detailed temporal and spatial changes in the structure and function of selected reclaimed sites. Development of a few site-specific models for eco-rehabilitation of the mined-over areas and overburden dumps in selected mining projects in different representative locations of CCL's area of operations. Preparation of report on best feasible restoration-oriented mining operations management and planning in CCL.
- Progress reports of the project, technical reports, technical papers, training reports and any other task (related to the project) assigned from time to time. Preparation of final progress report.

**(iii) Schedule for completion of tasks:-**

The following will be the deliverables of the assignment and tentative schedule for completion of the deliverables:

<b>Deliverables of the assignment</b>	<b>Tentative schedule</b>
Preparation of Spatio-temporal data inventory for Eco-Rehabilitation of selected degraded coal mines of CCL, Jharkhand, landscape designing. Preparation of monthly progress report.	01 month after the engagement
Collection of information and documents necessary for Topsoil conservation, Stockpile Storageerosion control techniques and maintenance procedures. Preparation of quarterly progress report.	03 months after the engagement
Application of RS-GIS tools into various thematic areas of land resource assessment, climate change studies, meteorological observations, etc., for selected degraded coal mines. Preparation of detailed training programmes/modules supporting capacity building of the CCL's concerned personnel of Environment Management Units in eco-restoration techniques by way of association with the project activities. Preparation of half-yearly progress report.	06 months after engagement
Preparation of report on Floral biodiversity studies of the sites. Preparation of report on Soil analysis of topsoil and finalization of soil amendments. Screening of suitable species for finalization of plantation models. Preparation of quarterly progress report.	09 months after the engagement
Preparation of site-specific methodology for Transplantation of plants from new sites. Developing techno-scientific improvisations in top-soil management to facilitate conservation	12 months after engagement

and utilization of the top soils for biological rehabilitation of mined-over areas and overburden dumps. Preparation of annual progress report.	
Soil and water conservation measures for capacity building of stakeholders. Preparation of quarterly progress report.	15 months after engagement
Plantation with appropriate design and Geo-tagging of species planted. Preparation of quarterly progress report.	18 months after engagement
Screening of Species on the basis of performance and Growth data. To observe and record detailed temporal and spatial changes in the structure and function of selected reclaimed sites. Development of a few site-specific models for eco-rehabilitation of the mined-over areas and overburden dumps in selected mining projects in different representative locations of CCL's area of operations. Preparation of report on best feasible restoration-oriented mining operations management and planning in CCL.	21 months after engagement
Progress reports of the project, technical reports, technical papers, training reports and any other task (related to the project) assigned from time to time. Preparation of final progress report.	23 months after engagement

The consultant's performance will be measured against the assigned work plan and updated every six months. The consultant will submit monthly progress reports stating her/his accomplishments against the agreed work plan and any other reports related to the project's mandates in the consultant's field of expertise.

**(iv) The Support of inputs to be provided by ICFRE- Institute of Forest Productivity, Ranchi to facilitate the consultancy.**

Access to internet system can be provided to consultant A with the approval of the concerned Divisional Head. The Sensitivity and confidentiality of the documents being handled by the Division and the nature of job of the consultant A will also be kept in view.

**(v) The final output that will be required of the Consultant A at the end of the consultancy period should be specified.**

To complete all the deliverables as per schedule (Nature of Duties of Senior Consultants).

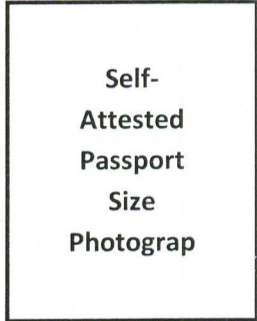


निदेशक /Director

**Annexure – II**

**Application format for appointment as Consultant “A” in the ICFRE-Institute of Forest Productivity, Ranchi**

1. Name of the candidate (in block letters) :
2. Father's Name :
3. Date of Birth :
4. Domicile :
5. Nationality :
6. Mailing Address :  
(With Telephone/ Mobile No and E mail address)
7. Permanent Address :
8. Essential Educational Qualification :



Sl No	Course	Subject	University/ Institute	Year of Passing	Division/ Class

9. Desirable Educational Qualification:

Sl No	Course	Subject	University/ Institute	Year of Passing	Division/ Class

10. Essential Work Experiences:

Sl No	Organization/ Institute	Period From To	Nature of Work	Remarks

11. Desirable Work Experiences:

Sl No	Organization/ Institute	Period From To	Nature of Work	Remarks

12. List of Published Peer Reviewed Documents/Reports/ Papers:

13. List of Projects handled/ executed in the relevant field (chronological order):

14. Training Programmes Attended:

15. Other Professional Skills:

16. Two References:

17. Any Other Information:

18. Justification as to why you should be considered as a suitable candidate for engaging as a Consultant A under the project **“Top soil conservation and Eco-Rehabilitation of selected degraded coal mines of CCL, Jharkhand through forestry intervention”** at ICFRE-IFP, Ranchi ?

### **Declaration**

I affirm that all information I supplied, as stated above, is true and correct. I also fully understand that if, at any stage, it is discovered that any attempt has been made by me to willfully conceal or misrepresent the facts, my candidature is liable to be summarily rejected. Curriculum vitae and self-attested copies of all the necessary documents are enclosed for proof of age, essential qualifications and relevant essential experiences.

Place:

Date:

Signature of the candidate