



काष्ठ विज्ञान एवं प्रौद्योगिकी संस्थान
INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY
(भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद्)



(Indian Council of Forestry Research and Education)

(पर्यावरणवन ,एवंजलवायु परिवर्तन मंत्रालय(की एक स्वायत्त निकाय ,भारत सरकार ,
)An Autonomous Body of Ministry of Environment, Forest and Climate Change, Govt. of India)

पी .ओ.मल्लेश्वरम/P.O. Malleswaram,बेंगलुरु/Bengaluru – 560 003

**Advertisement for Engagement of Subject Matter Specialists for the
Project: Preparation of DPR for Rejuvenation of Krishna River through
Forestry Interventions at IWST, Bengaluru**

Applications are invited from citizens of India, meeting the following conditions for engagement of Subject Matter Specialists initially for a period of 6 months (which may be extendable up to 12 months) for "Preparation of Detailed Project Report (DPR) for rejuvenation of River Krishna through Forestry Interventions", starting from date of engagement. The selected candidates will be responsible for compilation of GIS layers and riverscape area of Krishna river, compile and analyze all relevant information of Krishna river basin such as soil and water conservation works, plantation and bioremediation measures, recommendation of species for plantations along with cost norms in different riverscapes of Maharashtra, Karnataka, Telangana and Andhra Pradesh states, synthesis, writing and compilation of different chapters for the preparation of detailed project report on the rejuvenation of Krishna river through forestry interventions.

Name of the Project Position: Subject Matter Specialist

Number of Positions: Two. (The Number may vary depending on the requirement)

Remuneration: The applicant should quote the expected remuneration based on his/her expertise and the workload, which should be negotiable.

Qualifications:

Essential:

1. MSc or MS in Life Sciences / Hydrology / Environmental science/ Decision Science.
2. 15 years professional experience in natural resource management / Watershed Management by way of working in the relevant Central govt. or State govt. departments/ Research organizations / Academic Institutions.
3. Should be based at Bengaluru.
4. Should be well acquainted with policies and laws related to forests, hydrology and environment.

Desirable:

1. Ph.D in Life Sciences / Hydrology / Environmental Science.
2. Experience in handling National and International Projects.
3. Experience in similar consultancy or assignment on Planning for Management of Natural resources across landscapes involving Forest land, Agriculture lands, Urban areas, industrial establishment and conservation areas of religious or biodiversity importance.
4. Published research papers in referred journals of repute.
5. Knowledge in GIS application for management of natural resources.

Scope of work:

1. Analysis of past and present management of the landscape adjoining all along river Krishna and its tributaries with relevance to quality, quantity and duration of water flow into the river.
2. Anchoring, coordinating and interacting with Subject matter experts, for Preparation of Detailed Project Report for rejuvenation of Krishna river
3. Coordinating with the GIS service provider engaged by IWST to interpret the GIS information.
4. Actively participate in consultative meetings with stake holders for prioritization of sites and models of river rejuvenation.
5. Developing forestry intervention models for rejuvenation of Krishna river and its tributaries in consultation with stake holders.
6. Writing of Detailed Project Report for rejuvenation of Krishna river with GIS layers and forestry intervention models along with cost norms.

Terms of Reference:

Objective of this project is to develop a Detailed Project Report (DPR) intending to improve and augment water flow in the river together with abating the pollutants load through appropriate forestry interventions. The major possible intervention options are treatment of its catchment and riparian area by forestry interventions on landscape level; biodiversity conservation in river catchment areas, introduction of biological filters such as micro-organisms, plants and trees together with focused active community participation. Final outcome would be the formulation of an implementation plan in the form of a Detailed project Report containing appropriate forest management, conservation, bio-remediation, bio-filtering options for terrestrial and riverine ecosystems that are consistent with stakeholders concerns as per the decisions taken in various consultation meeting at regional / State level.

The prime goal of engaging **Subject Matter Specialist** is for seeking assistance to complement project team at IWST and supplement with resources and technical expertise. The Subject Matter Specialist would integrate and compile the technical material, documents, and information received from all the participating states and resources

persons / technical experts and further incorporates other information required to finalize the DPR as per the proposed plan.

1. The engagement shall be purely contractual & on time bound basis.
2. The engagement does not confer any right / claim whatsoever either explicitly or implicitly for any regular appointment in ICFRE or any of its Institutes against any post or otherwise under any legal condition or precedent.
3. The engagement can be discounted at any time, if the work or conduct is not found satisfactory or up to the mark by giving a fifteen days' notice.

Other terms & conditions with particular reference to the type of assignment and emolument for the Subject Matter Specialist, travelling, boarding & lodging charges during filed visit, preparations & submission of report will be as follows:-

1. The Subject Matter Specialist will facilitate and assist the Project Team which is working for preparation of DPR on regular basis for submission of the draft report within stipulated time and the final Detailed Project Report within the time frame.
2. The Subject Matter Specialist would coordinate with the various nodal officers of the participating states & IWST team; resource persons/ technical experts; other agencies as and when required to finalize the DPR in all respects.
3. The Subject Matter Specialist will prepare the draft of different chapters of the DPR as per the ICFRE guidelines.
4. The total emolument of the Subject Matter Specialist to complete the assignment will be negotiated depending on expertise and workload. The assignment is to complete the work within a period of six months however, it is extendable.
5. The Subject Matter Specialist would be entitled to avail travelling, boarding and lodging charges as per his/her entitlement with the prior approval of Director, IWST. If there would be any air travel then economy class fare shall be provided.
6. Interested experts are requested to send their applications and their Curriculum Vitae/Resume to Director, Institute of Wood Science and Technology, 18th Cross, Malleshwaram, Bengaluru 560003 by 15th October 2019 (upto 05.00 PM)



Director

IWST, Bengaluru