

ACADEMY OF TRIBAL LANGUAGES & CULTURE
(ST & SC DEVELOPMENT DEPARTMENT, GOVT. OF ODISHA)
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No. 40 /ATLC., Bhubaneswar, the dated 10.01..... 2017

Inviting Applications from Agencies for Conducting an Empirical Study on Tribal Heritage Agricultural System (THAS) in different Socio-ecological Complexes of PVTGs of Odisha

Traditional agricultural systems in India has its own significance both ecologically and socio economically. The age-old environmental knowledge and community management in the tribes shows their rich heritage and how important it is to preserve and record this indigenous knowledge to frame up sustainable agriculture practices in the modern times. Tribal Heritage Agricultural System (THAS) is a sort of evolving documentation process to recognize exclusive zones and traditional practices that approve of the merit to be called heritage agriculture. The broader objectives of THAS has been to understand and appreciate the nature friendly agricultural practices of local and tribal populations around the world and to document the indigenous knowledge of PVTGs.

Realizing the above factors, applications are invited from the agencies having at least five years' expertise in conducting study in the field of rural development/ tribal development to conduct an empirical study on **Tribal Heritage Agricultural System in different Socio-ecological Complexes of PVTGs of Odisha.**

The total project for the period is of six months and the applications from the qualified agencies should reach to the undersigned on or before **20th Januray, 2017** by **2.00 P. M.**

The interested agencies may download the tender document detail from the ATLC website www.atlcodisha.org from **11th January, 2017.**

The undersigned has every right to reject any or all application without showing any cause thereof.

-Sd

**Member Secretary,
ATLC.**

ToR of Empirical Study on Tribal Heritage Agricultural System in different Socio-ecological Complexes of PVTGs of Odisha

1. Background:

Traditional agricultural systems in India has its own significance both ecologically and socio economically. The age-old environmental knowledge and community management in the tribes shows their rich heritage and how important it is to preserve and record this indigenous knowledge to frame up sustainable agriculture practices in the modern times. The diverse traditional agricultural systems of the different tribal communities all over India has been seen to be standing on the same principle of conservation of natural resources in a holistic perspective. Therefore, in order to develop sustainability in agriculture, it is necessary to understand the intrinsic social cultures and values of these communities.

Tribal Heritage Agricultural System (THAS) is a sort of evolving documentation process to recognize exclusive zones and traditional practices that approve of the merit to be called heritage agriculture. THAS is a concept that falls under the initiative towards GIAHS (Globally Important Agricultural Heritage Systems) that was started in the year 2002 by Food and Agriculture Organization (FAO) intended to create public awareness and safeguard world agricultural heritage sites. The broader objectives of THAS has been: to understand and appreciate the nature friendly agricultural practices of local and tribal populations around the world; to document indigenous knowledge; to conserve and promote these knowledge at global scale to promote food security and sustainable development; Providing incentives for local population by measures like eco-labeling, eco-tourism.

Tribal Heritage Agricultural System by and large emphasize upon the provision of local food security; high levels of agricultural biodiversity and associated biological diversity; store of indigenous knowledge and; ingenuity of management systems. Salient feature of traditional farming systems is their degree of plant diversity in the form of polycultures and/or agroforestry patterns; strategy of minimizing risk by planting several species and varieties of crops which stabilizes yields over the long term, promotes diet diversity, and maximizes returns even with low levels of technology and limited resources; bio diverse farming are endowed with nutrient enriching plants, insect predators, pollinators, nitrogen fixing and decomposing bacteria, and a variety of other organisms performing various beneficial ecological functions.

It is worth mentioning here that the traditional heritage agriculture especially in the tribal regions have within them the local indigenous knowledge applied to the management of the resources like land, water, biodiversity and in a larger context of the ecosystem services. The Koraput region has been accorded GIAHS status for rice-diversity, although the importance of growing several varieties of paddy, millets, pulses, oilseeds, vegetables by ethnic communities including PTGs like Bondo, Didayi, Kondhs in a slash and burn or swidden agriculture system has not been undermined. However, comprehensive studies in respect of the PTGs in the region are not available. The inventory prepared under the aegis of Globally Important Agricultural Heritage Sites (GIAHS) summarized 16 GIAHS in India recognized five sites from Odisha and Andhra Pradesh that includes Terrace cultivation of Lanja Saora in Odisha, Paderu Agricultural System of Andhra Pradesh, and Three tier agriculture system of Kondha Savara tribe of Seethampeta of Andhra Pradesh.

Under the backdrop of the above, the Academy of Tribal Language and Culture (ATLC) has taken up a Research Project to conduct an empirical study on Tribal Heritage Agricultural System in different socio-ecological complexes of PVTGs of Odisha. The study will emphasize the provision of local food security, high levels of agricultural biodiversity, store of indigenous knowledge and ingenuity of management systems.

2. Objectives

Tribal Heritage Agricultural System (THAS) is an emerging concept worldwide to bring into recognition many typical tribal traditions of Agriculture and Livelihood Pursuits. Such typical Agricultural systems are, by large, terrain specific which in course of time has been prominently recognized with specific cultures. THAS has many uniqueness within, they are innovations in agricultural technology in challenging terrains they have been repositories of plant domestication and Propagation, they have been way of life in many particularly vulnerable tribal cultures.

In the emerging development Paradigms when eternal knowledge systems are greatly introducing tribal areas. It is contractual to make a pre documentation of certain typological conspicuous THAS in tribal Odisha.

- To explore and chronical the existing traditional Tribal Agriculture in Odisha.
- To conduct in-depth study on two selected tribes in relation to their Agriculture (Bondo & Lanjia Soura)
- To make a comprehensive analysis of the two agricultural theme only crop domestication on the face of modern improved Agriculture.

- To suggest logically and pragmatically the qualification of the study area for recognition under THAS.
- Period of Study – Six Months.

3. Required Human Resources

The project will be implemented through an Agency having wide experience in dealing with similar research projects. The Agency (ies) have at least five years' expertise in studying in the field of rural development/ tribal development and expertise in developing study design including study methodology, conceptualization and formulation of report. The agency may utilize its faculty members or hire researchers as per the following criteria for the study.

A.

Position Title	Educational Qualification and Work Experience	Activities
Consultant (01)	<p>Education: PGDRD/PGDRM/MA (Anthropology/Social work/ Rural Development/ Tribal Development Studies or equivalent Social Science subjects) from a recognized board or University. Must have proficiency in handling Computers.</p> <p>Work Experience: Minimum 5 years of work experience (as on 1st August 2016) in the field of rural development or preferably have a Ph. D degree on a topic related to tribal society and culture. Candidate should have strong skills of Research, Documentation of programme activities, etc Age: 30 years and above but below 65 years on 01.08.2016. (However in special cases taking into account the expertise & experience of the applicant, his/her age may be relaxed.)</p>	<p>The candidate, as Consultant, is expected to perform the following duties</p> <ol style="list-style-type: none"> 1. Preparation of the study design including study methodology, conceptualization and formulation of inception report for conducting the study. 2. Desk review of secondary data, literature relevant to the study 3. Guide and supervise Research Associates and Assistants for study 4. Discussion with key government departments/ autonomous bodies of government, etc for collection of relevant information 5. Coordinate for organizing meetings, interactions with project stakeholders 6. Any other work assigned by the relevant authority.
Research Associate (01)	<p>Education: PGDRD/PGDRM/MA (Anthropology/Social work/ Rural Development/ Tribal Development</p>	<p>The candidate as Research Associate is expected to support the Consultant in following activities</p>

	<p>Studies or equivalent Social Science subjects) from a recognized board or University. Must have proficiency in handling Computers.</p> <p>Work Experience: Minimum 2 years of work experience (as on 1st August 2016) in the field of rural development or preferably have a Ph. D degree on a topic related to tribal society and culture. Candidate should have strong skills of Research, Documentation of programme activities, project monitoring tools, etc Age: 25 years and above but below 50 years on 01.11.2016.</p>	<ol style="list-style-type: none"> 1. Desk review of secondary data, literature relevant to the study 2. Identification and documentation of THAS related activities 3. Organize stakeholder consultation meetings, discussion with key Government Departments/ Autonomous bodies of Govt. etc for collection of relevant information 4. Develop database of information relevant to the study 5. Prepare case studies, analysis of information and appraisal to Nodal Officer 6. Any other work assigned by the senior consultant relevant to the study
<p>Research Assistant (03)</p>	<p>Education: Bachelor's degree and preferably Master's degree in any branch of Social Science</p> <p>Work Experience: Minimum 2 years of work experience (as on 1st November 2016). Research experience in conducting research studies or collecting and analyzing empirical data in research/evaluation projects in the field Age: 25 years and above but below 50 years on 01.11.2016.</p>	<p>The candidate as Research Assistant is expected to support the Consultant and Research Associates in the following activities.</p> <ol style="list-style-type: none"> 1. Assist the Consultant in collection of empirical data with the Research team members, make field visits, hold personal and group interviews with the stakeholders/ functionaries (both from the community to be studied and the Government functionaries) 2. Make the analysis of empirical data using statistical tools and in interpreting the data and findings.

4. Financial Implication

Following will be the financial implication of the project.

Item	Amount
Remuneration of Consultant (1), Research Associate (1) and Research Assistant (3) for six months	Rs. 7,20,000/-
Travel Allowances (Consolidated)	Rs. 1,00,000/-
DA (Consolidated) for Research Associate and Research Assistant	Rs. 1,00,000/-
Data Analysis and Final Drafting	Rs. 50,000/-
Other Misc. Contingency	Rs. 30,000/-
Total	Rs. 10,00,000/-