

Request for Proposal (RFP) for Impact Assessment of tank rehabilitation and tank silt application in farm fields

Last Date for submission of proposal – 05th August 2017

I. Introduction and Background of the Project

As part of ITC's commitment to inclusive and sustainable growth, the Company implements Watershed Development Programmes with focus on improving the soil and moisture regime and thus improve agricultural productivity.

The programme is operational in 12 States of which, in the 3 States of AP, Telangana and Karnataka, the emphasis is on the revival of traditional tank cascade systems through community participation. As part of the initiative, the major interventions taken up are revival of tanks through desilting & repairs, drainage and catchment treatment to control further silt accumulation and application of tank silt in farm fields as manure.

II. Primary Objectives

Primary Objectives of tank rehabilitation programme are as follows:

1. Create additional rainwater storage capacity in tanks for the benefit of rainfed agriculture
2. Improve the soil and moisture regime of the area
3. Enhance ground water recharge
4. Improve soil health through silt application in fields
5. Build strong institutions that take ownership of the project from its initiation and ensure maintenance of the structures

While data documentation of basic parameters is done on an ongoing basis at the field level, ITC plans to commission a technical research cum impact assessment study specifically to assess the impact of tank silt application and moisture regime improvement

III. Study Locations

STATE	DISTRICT	STATE	DISTRICT
AP	Prakasam	Karnataka	Mysore
	West Godavari		Hassan

IV. Scope of the Study

The Scope of the study are as follows

1. Assess the nutrient (major and minor nutrients & Organic Carbon) value of silt and extrapolate the total nutrient added in fields to total silt applied across ITC programmes.
2. In the farm fields where silt is applied, take up impact assessment by comparing before and after status in the field and compare with control (silt not applied) plots. Assess the following:
 - a) Impact on soil – fertility (organic – carbon, major and minor nutrients)
 - b) Impact on soil structure, texture – agency to suggest specific parameter to be measured and unit of measurement
 - c) Impact on soil moisture retention capacity and number of irrigations (crop wise)
 - d) Impact on crop productivity and cost of cultivation for crops cultivated in those fields (major crops) – To be measured as quintals/hectare and Rs./hectare
 - e) Impact on use of chemical fertilizer
3. Assess impact of tank rehabilitation on groundwater recharge – open wells and bore wells
Assessment to be done for fields where silt is applied in 2017-18, 2016-17 and 2015-16.

Suggest – scope for improvement for intervention (as applicable)

V. Requirements from the agency

1. For each of the scope, decide final indicators in consultation with ITC and follow the same
2. Decide appropriate sampling design after going through master lists maintained by ITC's partner NGOs at field level
3. Collect soil samples and testing of the samples to be conducted in ISO certified lab
4. A senior soil scientist/agronomist to head the assessment team from the agency
5. The agency to submit a detailed proposal and quotation strictly as per the formats provided in Annexure 2 and 3
6. Once selected, the agency may visit the area to understand the programme in detail. Based on observations, the agency to plan sampling methodology, questionnaires for field

interviews and logistics (translator etc.), Focused Group Discussions and case study documentation

VI. Expected Outcomes

1. Inception report to be shared in the first month and incorporate ITC's suggestions
2. Field data files to be submitted in excel files along with all output tables
3. Draft report to be shared covering all scopes and district wise analysis. Report to be finalized after incorporating changes suggested by ITC
4. The final study report to be submitted in 2 hard copies (A4 Size preferably with bond paper and colored prints) and soft copy in form of CDs. All field data back-up to be submitted along with analytical tables
5. Agency to deliver a final presentation to ITC explaining the findings of the study.
6. The study and data collected during study including photographs will be the property of ITC Limited and the agency shall not use it in any form without a written permission from competent authority in ITC.

VII. Payment Conditions

The payment of fees will be made on job completed basis of the agreed sum, subject to achievement of progress milestone to be mutually agreed. Agency may submit their proposal on terms and conditions for payment

VIII. Rejection Clause

ITC reserves the right to accept or reject any and all proposals, to negotiate contract terms with various proposers, and to waive requirements at its sole discretion.

ITC also reserves the right to reject the offer without assigning any reason if found that the party has submitted false information or found to promote vendors.

IX. Contact Details

For submission of RFP or any further queries all correspondence may be directed to Mr. Anish Sengupta, e-mail: anish.sengupta@itc.in

Annexure 1: Format for submission of Proposal Plan

1. Agency Details

- a) Name of agency, address, Web site address, telephone number and fax
- b) Name and profile of the principal scientist/s, agronomist who will head the research study
- c) Contact details of the principal office that will manage this project
- d) Brief background of the agency and history. Include years in the sector/business and number of employees and details of projects handled
- e) A copy of the agency's most recent Annual Report or Financial Statement, and/or any other documentation that demonstrates financial solvency.
- f) Any additional information that agency considers to be relevant

2. Identify the primary Executive point of contact for the work stated in this RFP

Annexure 2: Format for Submission of Financial Estimate

Sl. No.	Particulars	UoM	Sample Size (Nos.)	Unit Cost (Rs.)	Total Cost (Rs.)	Remarks/ Details
1	a. Soil sampling b. Soil structure & Texture analysis c. Field data collection	Nos. Nos. Nos. of farmers				Name/s of lab to be used
2	Service Charges (Cost includes stationery, admin. Costs, report submission related expenditures)	Rs.				
3	Travel, Fooding and Lodging Expenses (reimbursement based on actual bills and maximum to the tune of amount quoted in proposal)	Rs.				
	Total Estimate	Rs.				

Note:

1. The agency to submit financial estimates following the above format only
2. In case of Stationary and Consumables and Travel Expenses, costs will be reimbursed based on submission of actual bills. The upper limit for reimbursement to be restricted to the budgeted limit mentioned in the estimate.
3. Payment Conditions for Consultancy fees (Sl. No. 1-3)
 - a. 30% upon execution – submission and finalisation of inception report
 - b. 40% upon submission of field survey data, analysed data tables and draft report with annexures
 - c. 30% upon submission of final printed version (in 2 copies) of the study report with Annexures
4. Taxes extra will be paid as applicable