

## SCOPE OF WORK FOR CFR MAPPING

### 1. Digital Mapping of Community Forest Rights

#### A. Survey & Map Preparation

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कार्यालय कलेक्टर डिण्डौरी (म.प्र.)  
क्रमांक. 1.65/degs/सा.व./2015 डिण्डौरी दिनांक. 26/08/2015  
**विज्ञप्ति**  
जिले मे सामुदायिक वनाधिकार को सशक्त करने की दृष्टि से वन क्षेत्रों का जी.पी.एस. डिजिटल मैपिंग कार्य किया जाना है। इस हेतु जिला ई-गवर्नेंस सोसायटी डिण्डौरी द्वारा इच्छुक फर्म/प्रोपाईटर/ प्राइवेट लि. कंपनी से कोटेशन आमंत्रित की जाती है।

उक्त इच्छुक फर्म दिनांक 07/09/2015 साय 4 बजे तक जिला ई-गवर्नेंस सोसायटी डिण्डौरी मे कोटेशन जमा कर सकते है।

विस्तृत जानकारी के लिए [www.dindori.nic.in](http://www.dindori.nic.in) पर देखें।

(1) Available mineral resources like ponds, roads, schools, health center etc.

(2) Land use & land cover like agriculture land, waste land etc.

(3) Individual's Patta/Title deeds (Awarded Under Forest Right)

Administrative boundaries like forest compartment, village boundary, etc.

The survey and mapping work will be carried out in two phase- mode separate for each phase would be as follows:-

Phase 1: This would comprise training of officials/field workers appointed by the District Administration. IIA (Project Implementation Agency) would train the team of officials selected by the District Administration in surveying work and would provide continuous off-field support and guidance to the officials trained in phase 1 and also will continuously monitor the work. After which the details will collect, prepare and provide the data to the IIA for phase 2.

Phase 2: This phase would comprise data collection and mapping for the 51 villages covered under phase 1, carried out by the IIA.



कलेक्टर

जिला-डिण्डौरी (म.प्र.)

## SCOPE OF WORK FOR CFR MAPPING

### **1 Digital Mapping of Community Forest Rights**

#### **A. Survey & Map Preparation**

The community rights on the forests are little different from the individuals rights. In individual rights the traditional forest dwellers have the rights on a piece of land up to 4 hectare, while in community rights the rights of community are beyond 4 hectare of land. Also, the community has rights on other forest resources like Non timber forest products, fuel wood etc. For better management of the area and to prepare systematic development plans a need was felt to create digital & geo-referenced map of these forest villages with following features –

- (1) Area of community rights like Grazing land, Forest produce collection areas etc.
- (2) Available Natural resources like river or other water bodies (Streams, canals, ponds etc.), forest areas.
- (3) Available manmade resources like ponds, roads, schools, health center etc.
- (4) Land use & land cover like agriculture land, waste land etc.
- (5) Individual's Patta/title deeds (Awarded Under Forest Right )

Administrative boundaries like Forest compartment, village boundary, etc.

The survey and mapping work will be carried out in **Two Phase**. Modus operandi for each phase would be as follows:-

**Phase 1:** This would comprise training of officials/field workers appointed by the District Administration. PIA (Project Implementation Agency) would train the team of officials, selected by the District Administration, in surveying work and would provide continuous off-field support and guidance to the officials trained in Phase 2 and also will continuously monitor the work. After which the district will collect, prepare and provide the data to the PIA for phase 2.

**Phase 2:** This phase would comprise data processing and mapping for the 51 villages covered under phase 1 carried out by the PIA.

## B. Application Development

It will include creation of an online WebGIS application for dissemination of data for web display by the PIA. The application can have following functionalities-

- I. Depicting all the **Baiga chak villages** tagged in the map.
- II. Creation of legends specifying entire range of identified **community forest** in a particular village.
- III. On selection / zooming into a village, the village map shall depict its CFR and other assets related data.
- IV. On Zooming in/ selecting a particular feature in the CFR map of a village, details relating should be displayed with respect to that resource.
- V. On background option to overlay Google Maps for better understanding.
- VI. Query for specific type of rights. For example search all villages having Mela Locations, cattle grazing ground, ponds, streams etc in CFR.
- VII. Provision for at least 10 queries.
- VIII. Search a specific village.
- IX. Option to Link CFR certificate on website.

## 2 PIA's Responsibility

Following are the deliverables expected at the end the task –

- A. Digital copy of the geo-referenced maps in the ESRI shape file format with
  - I. Classification of existing land use cover like waste land and agriculture land.
  - II. Categorisation of existing assets depicted through symbols. All assets to be shown with a unique symbol.
- B. Flex printed hardcopy of the maps in **A0 size at 1:4000 scale** for display at Village Community/ Panchayat office.
- C. Web Application with features mentioned in part A of section 3.1.B.
- D. Capacity building, training and monitoring of the officials for Phase 1 as mentioned in Part A of section 3.1.A.



### **3 OTHER TERMS AND CONDITIONS:**

- **Contract time period:**

The contract period for geo-mapping will be 3 Months from the date of contract, which will be extended by written approval of The District Collector and is subject to work progress of the agency.

Inordinate delay in the implementation of the project without any prior mention by the PIA and approval by The District Collector will be penalized as

- **Payment terms:**

Invoice can be raised on monthly basis by the PIA against the work done. The Payment schedule will be discussed and finalised upon initiation of work.

PIA should consider all the costs required for geo-mapping task and specifically not mentioned in document. (e.g: travelling to the villages, internet / phone expenses etc.).

**DISTRICT ADMINISTRATION DINDORI** will not be liable to pay any extra cost other than mentioned in the offer of bidder.

Final payment will be made after completion of the project and sample checks done by the **DISTRICT ADMINISTRATION DINDORI** officials as appointed by The District Collector.