

Recommendation of 2 days workshop on Computerization of Land Records & Property Registration

A 2-day workshop on land records and registration was held at NIC (HQ), New Delhi. The following discussions were held:

1. Dr.B.K.Gairola, Director General, NIC stressed the need of standardization of key domain requirements so that standard and interoperable solution could be put in place. He also pointed out to ~~simplifications and reengineering~~ of the system while cadastral maps and registrations are ~~getting~~ integrated into land records system so that unwanted and obsolete entities and procedures could be removed. He further told that specialized groups should be formed to finalize these requirements. He also pointed needs of data collection in electronic format right from the field using GPS or other hand held devices.
2. Shri D.C.Misra, Sr TD highlighted that more than 3500 tehsils/taluks are providing computerized copies of RoR to land owners. The land data of around 408 districts is available in digital form. Similarly more than 1800-Sub-registrar offices have been computerized. He appreciated the efforts and contribution of NIC State units and Revenue Departments to this project. He narrated that need of hour is to integrated land records, registrations and maps so that single point contact could be established for all revenue services.
3. Smt Rita Sinha, Secretary, Department of Land Resources praised NIC work and told that CLR and its integration being a total computerization project, NIC has to play very important roles to guide the states in its implementation. She told that all Survey processes and new technologies requirements should be addressed by NIC.
4. Dr. A.K.Singh, Director, Land Resources Management has given detailed presentation of the integrated scheme of NLRMP. He told that by implementing integrated system, we are attempting to implement Title Registration and State Guarantee system. He stated that without NIC support, this cannot be achieved.
5. Dr. Y K Sharma, Deputy Director General assured the Secretary that required technical support will be given to the new project.
6. The topics covered in the workshop were demonstration of CollabLand, Bhunaksha Solution for village Maps, Security Audit, Meta Data & Uniform Codes, Integrated system for Land Records and Property Registration.

Recommendations:

A. Integration of Land Records and Property Registration

A.1 There is urgent need of integrating Land Records and Registration System.

A.2 The same could be done in the States where land records and registration have been computerized on stand alone basis.

A.3 The work could be started in locations where Tehsil/Taluk and SRO are located within the same complex which could be connected by extending the UTP cable.

A.4 One location(Tehsil/Taluk/Circle and SRO) each in the States of Himachal Pradesh, Chhattisgarh, Assam, Uttar Pradesh, Gujarat, West Bengal, Orissa, Uttarakhand, Kerala and Maharashtra could be taken up.

One location for LR & Regn at SOC Posenpat.

A.5 The pilot work shall have to be completed by 31st May, 2008.

B. Solution for Cadastral maps

B.1 CollabLAND demonstrated to the participants could be implemented to take care of the requirements of those States/UTs where Field Measurement Book(FMB)/Ladder data system of maintaining Cadastral maps is in practice.

B.2 Bhu-naksha (Geotool) solution by Chhatisgarh demonstrated to the participants could be implemented in those States/UTs where Village maps is in practice.

B.3 Both the teams would be assisted by 2 SRF/JRFs for further development(value addition and suggestions discussed in the workshop) and capacity building through NIC/NICSI.

B.4 The participants discussed and agreed CollabLAND and Bhu-naksha as the solution for cadastral maps from NIC. Hence, no States should attempt any development in this regard. Any suggestions/modifications should be sent to these development groups under intimation to LRISD. All such features will be incorporated in the above two solutions only.

B.5 States can adopt CollabLAND or Bhu-naksha as a solution for Cadastral maps according to their requirements.

B.6 Efforts will be made by both the groups and LR division to come out with single product in reasonable time frame having interoperability with legacy data generated by both the products.

B.7 Training to the States could be provided by NICSI empanelled trainers/agencies for deployment. These empanelled vendor/agency would be trained by Bhu-naksha and CollabLAND divisions.

C. Information Security Audit

C.1 Land Records Application Software of 15 states have been ISO Quality tested and certified. Property Registration Application Software (CARD and PRISM) have also been ISO Quality tested and certified.

C.2 Security has been main concern and various states have contacted us whenever security incidents happened.

C.2 Security audit of our CLR Application software has been conducted at the operational site (Tehsil/Taluk) for the States of Karnataka and Maharashtra.

C.3 A draft security policy will be prepared by LRISD in close consultation with Cyber Security division. This will be circulated to all State NIC units for comments, feedback, suggestions and implemented in all the States for both Land Records and Property Registration after necessary approval from the competent authority.

D. Meta data and Uniform Codes

D.1 The first draft of the master codes such as location, crops, season, soil types, source of irrigation, land use, area units/extents, ownership type, size of holding, mutation transaction types, tenancy types, encroacher types, castes/tribes, gender and encoding which were identified by MRD for uniformity and standardization for Land Records was circulated to all the States.

D.2 Comments/Suggestions/Feedback was received from 24 States were incorporated and included in the document circulated to the participants and finalized.

to the issues raised by DG Sir

Khan
27.3.2008

~~SrTDC(DCM)~~ - The suggestions by DG (NIC) have been discussed with them and incorporated into the enclosed recommendation.

- Submitted for consideration and approval so that the same is submitted to the ministry.

DG, NIC

Summe
31/3/08

Summe
31/3/08

We may send the recommendation to Secy, DOR.
DFA for DG Sir is attached.

~~SrTDC(DCM)~~ DFA
Summe
10/4/08

Khan
10.4.08

DG, NIC Summe
12/4