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**Recommendation of the Committee constituted to consider the Unit Cost for digitization of cadastral maps and integration of textual and spatial data under the National Land Records Modernization Programme (NLRMP) in its meeting held on 19<sup>th</sup> November, 2010 at 11.00 AM in Committee Room of the Department of Land Resources in NBO Building, Nirman Bhawan, New Delhi.**

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Unit cost is the minimum amount at which the Government of India releases the funds to the State Government. The unit cost in no way reflects the actual cost of digitization. The actual cost of digitization may vary from State to State. If the actual cost is more than the unit cost, the respective State Government may have to pay the additional cost incurred. But if the actual cost is less than the unit cost then the Government of India will release funds to the State Government as per the actual cost.

Unit cost for digitization of cadastral maps includes the following items :

- (i) Scanning
- (ii) Line work (vectorization)
- (iii) Alamat pointing (symbol)
- (iv) Text attachment
- (v) Paper printing for checking
- (vi) Final print
- (vii) Final CD

A sample calculation showing how the cost has been derived for digitization per sheet (A 1 size) is as below:-

Item of works	Time	Unit cost (labour & comp. system) (per hour)	Cost (Rs.)
Scanning			100
Line work (vectorization)	15 hrs.	60/-	900
Alamat pointing	4 hrs.	60/-	240

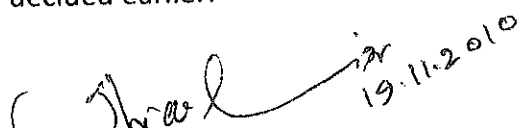



Text attachment	3 hrs.	60/-	180
Paper printing for checking			50
Final print			50
CD copy			25
		Total	1545

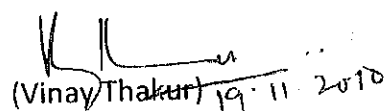
The digitization cost per sheet (1200 plots/parcels) is Rs.1545, i.e., Rs.1.30 per parcel. Since the unit cost adopted is a lower unit than sheet & considering the diversity in the country, the sub-Committee recommends that the unit cost per parcel should be Rs.2.00 per parcel/plot.

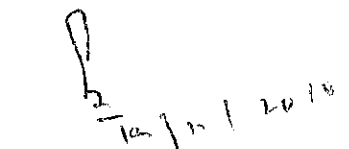
Because of the hilly terrain, for NE States, Himachal Pradesh, J&K, Uttarakhand and Kerala, the unit cost per parcel shall be Rs.3.00 and per FMB Rs.10.00 only.

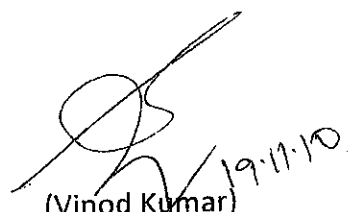
Wherever there are FMBs the unit cost for digitization will be Rs.10.00 per FMB as it was decided earlier.

  
 (Shantanu Bhatawdekar)  
 Scientist/Engineer (SG)  
 Department of Space  
 For Dr. S.S. Rao, Scientist, SF, NRSC  
 19.11.2010

  
 (P.K. Pramanik) 19.11.2010  
 Sr. Technical Director  
 NIC, West Bengal  
 19.11.2010

  
 (Vinay Thakur) 19.11.2010  
 Sr. Technical Director  
 NIC Headquarters, N.D.  
 19.11.2010

  
 (Charanjit Singh)  
 Director (Land Reforms)  
 D/o Land Resources  
 19.11.2010

  
 (Vinod Kumar)  
 Member Board of Revenue  
 Government of Madhya Pradesh  
 19.11.2010