

Proceedings of the Technical Committee meeting held under the Chairmanship of Additional Chief Secretary to Government, Department of Horticulture and Sericulture on 13.02.2017 at 11:00 AM for the finalization of the FRS (Functional Requirement Specification) and ICB to establish LRI (Land Resource Inventory) GIS based web portal with the provision for the DSS (Decision Support System) for KWDP-II (SUJALA-III) of Watershed Development Department, Government of Karnataka.

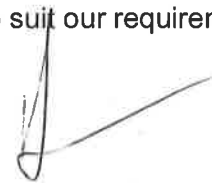
Members present are placed in the Annexure.

The Project Director Sujala-III, Watershed Development Department (WDD) welcomed the Chairman and all the members of the Technical Committee to the meeting. The Project Director briefed the committee on Hardware, Software and System requirements as finalized by taking into consideration the availability of facilities from State Data Centre and Partner Universities.

Deliberations of the meeting are listed below:

1. Nine DSS Modules prepared and presented to the Technical committee earlier are found to be satisfactory and the committee approved the nine modules for development (list attached).
2. The Committee reviewed the facilities available at State Data Center (SDC), as indicated by the Dept. of e-Governance. Further, the Committee instructed to incorporate the available facilities from the SDC before finalizing the bid document, after verifying the revised list of Hardware, Software and System Software requirement finalized by WDD. The facilities/items which will be availed from SDC for this project will be procured by either by WDD or the required amount may be disposed to e-Governance to undertake procurement.
3. The Chairperson instructed to take a review of the existing facilities available with the universities and finalize the requirements accordingly.
4. The Chairperson instructed to incorporate the Software, Hardware, System Software requirements and FRS document presented in the meeting to the Bid Document and present to the Committee.
5. Further, the Chairperson instructed to see at least one working model on DSS developed, either within the country or outside, so that if any model is already available, the same can be either incorporated or modified to suit our requirements

The meeting ended with vote of thanks to the chair.



(RAJEEV CHAWLA)
Chairman of the Technical Committee
& Additional Chief Secretary,
Horticulture & Sericulture Dept.

DSS modules finalised:

S.No	Decision Support System	Completed	Primary Responsibility
1	DSS for Soil & Water conservation plan-to identify the type of structures, their design and estimate, for both arable and non arable lands/areas	✓	WDD, NBSS&LUP, ICRISAT
2	DSS for crop selection (Based on physical suitability and cost benefit ratio)	✓	NBSS&LUP SAUs,
3	DSS for delineating prime farm lands/arable and non-arable lands based on Land Capability Classification	✓	NBSS&LUP
4	DSS on crop based nutrient management and soil health	✓	NBSS&LUP SAUs,
5	DSS for estimating surface runoff at farm/MWS/SWS levels	✓	ICRISAT, SAUs and Domain experts
6	DSS for designing the size and location of Farm ponds based on runoff model	✓	ICRISAT, SAUs and Domain experts
7	DSS for estimating the crop water requirement at MWS/SWS levels based on the existing land use or crops that are planned to be taken up for cultivation at MWS or higher levels	✓	ICRISAT, SAUs and Domain experts
8	DSS for estimating water balance at MWS or higher levels, taking into account the RF, crop requirement, Runoff, evaporation and other losses, soil moisture and ground water.	✓	ICRISAT, SAUs and Domain experts
9	DSS for water budgeting taking into consideration the needs of various uses/users at MWS/ Village level- crop needs, human needs, livestock needs etc.	✓	ICRISAT, SAUs and Domain experts

Annexure

Members Present:

Sl. No.	Name (Dr./Shriyuths/Shrimathi)	Designation / Department
1.	Rajeev Chawla IAS	The Chairman of Technical Committee & Additional Chief Secretary to Govt. Horticulture & Sericulture, GoK.
2.	Rajiv Ranjan IFS	Commissioner & Project Director, SUJALA-III and Convener, Watershed Development Department
3.	Thangaval C	Technical Director, NIC, Bangalore
4.	Rajesh N.L.	Assistant Professor & Lead Scientist, UAS-Raichur
5.	Jayanthi	Project Manager, Composite Team, Center for e-Governance, Bangalore.
Invitees:		
1.	Rajendra Hegde	Regional Director, NBSS&LUP Regional Centre, Bangalore.
2.	U. Sathish Kumar	Professor Lead Scientist, UAS-Raichur.
3.	Mukund Patil	Senior Scientist, ICRISAT, Hyderabad.
4.	Jayachandran	Technical Officer, KSRSAC, Bangalore.
5.	A Natarajan	NRM Consultant, KWDP-II, WDD.
6.	Chandrashekargauda Patil	Senior Consultant, State E-Mission Team(SEMT), Center for e-Governance, Bangalore.
7.	S. Dharumarajan	Senior Scientist, NBSS&LUP, Regional Centre, Bangalore.