

PROCEEDINGS OF THE SEVENTEENTH MEETING OF STATE LEVEL SANCTIONING COMMITTEE ON RASHTRIYA KRISHI VIKASA YOJANA, HELD ON 23/10/2017 AT ROOM NO.313, VIDHANA SOUDHA UNDER THE CHAIRPERSONSHIP OF THE CHIEF SECRETARY, GOVERNMENT OF KARNATAKA

List of Participants: Enclosed

The meeting began with a welcome address by the Secretary, Agriculture Department to the Chief Secretary, Government of Karnataka & Chairman, SLSC, RKVY, Joint Secretary, RKVY division, Department of Agriculture, Co-operation and Farmers Welfare, GOI and other participants of the meeting,. Initiating the discussions, Secretary(Agri) explained that the main objective of this SLSC was to review the status of implementation of 2017-18 projects and seek approval for RKVY sub-schemes. Other issues like ratification approvals, revalidation & re-allocation, utilisation of balance funds additional project proposals were also placed before the Committee for discussion and approval.

About the allocation to the State for the year 2017-18, which is Rs.397.71 crores (Central share - Rs.238.63 crores & State share - Rs.159.08 crores) under normal RKVY, the Chairperson expressed displeasure that though the Union Budget for RKVY had increased by 34% for the current year (in comparison with 2016-17), the increase in allocation to Karnataka is only 5.2%, despite better utilization of funds by the State. GOI was requested to re-consider enhancing the allocation as better performing States should be encouraged and supported with better funding.

The Joint Secretary, GOI, told the Committee, that the allocation was based on the parameters indicated in the RKVY guidelines. However, the request of the State shall be noted.

Further deliberations of the meeting are as follows:

1. Confirmation of the Proceedings of 16th meeting of SLSC, RKVY

Proceedings of the 16th meeting of the State Level Sanctioning Committee held on 15/05/2016 was confirmed.

Action taken report on 16th meeting of the SLSC:

a) **Utilisation of unspent balance of 2016-17:** GOI had released Rs.226.76 crores grants under Normal RKVY and Rs.15.55 crores for RKVY sub-schemes, total Central releases being Rs.242.31 crores. The State Govt. had also released the matching share of Rs.151.17 crores(Normal RKVY) and Rs.10.36 crores(RKVY sub-schemes). The total releases(Central & State share) for 2016-17 programme was Rs.403.84 crores. Out of this Rs.392.46 crores has been utilised and UC had been submitted to GOI on 25/05/2017 vide letter No.RKVY/U.C/2016-17. The unspent balance of Rs.11.38 crores was revalidated and released for utilisation during 2017-18. Out of this, an amount of Rs.10.28 crores has been utilised.

Rs.in crores

Sl.No	Department/ Institute	Unspent balance	Utilisation
1	Agriculture	4.98	4.98
2	Horticulture	1.49	0.99
3	Animal Husbandry	1.52	0.92
4	Fisheries	0.03	0.03
5	Sericulture	0.30	0.30
6	Agri. Marktg	0.80	0.80
7	KSSC	1.02	1.02
8	KSSOCA	0.34	0.34
9	KSWC	0.90	0.90
	Total	11.38	10.28

The Department of Animal Husbandry and Horticulture were instructed to expedite utilisation of the unspent balance and submit UC for the remaining amount by November end.

b) Third Party monitoring and evaluation:

The Departments/Institutions have taken up third party evaluation of projects like Micro Irrigation, Bhoo chethana etc., through Karnataka Evaluation Authority(KEA), other agencies like NABCONS, Agriculture Universities, Institute of Agriculture Technologists, NGOs etc., The Chairperson directed the nodal Department to co-ordinate with KEA and take up evaluation of RKVY projects.

2. SLSC approval and budget allocation

- a) In the 16th SLSC meeting on 15/05/2017, an action plan to the tune of Rs.497.13 crores under normal RKVY(Annexure-I) was approved wherein the GOI share is Rs.298.28 crores and GOK share is Rs.198.85 crores.
- b) GOI allocation under normal RKVY for 2017-18 is Rs.238.63 crores(60% Central share). The State matching share(40%) works out to Rs.159.08 crores. Therefore, as per GOI allocation, funds earmarked for 2017-18 is Rs.397.71 crores.

GOI allocation for 2017-18					Rs.in crores
Sl. no	Allocation	General	SCSP	TSP	Total
1	Central	186.37	36.36	15.90	238.63
2	State	124.24	24.24	10.60	159.08
	Total	310.61	60.60	26.50	397.71

- c) The Central share for three RKVY sub-schemes is Rs.10.10 crores and the State share is Rs.6.74 crores. The total allocation for the following three RKVY sub-scheme is Rs.16.84 crores

Rs.in crores				
Sl.No	RKVY Sub-schemes	Central share	State share	Total
1	Reclamation of problematic (Saline and Alkaline) soils	1.50	1.00	2.50
2	Crop Diversification Programme	1.60	1.07	2.67
3	Additional Fodder Development Programme	7.00	4.67	11.67
	Total	10.10	6.74	16.84

- d) Thus, GOI has provided a total allocation of Rs.414.55 crores for the year 2017-18.

Rs.in crores				
Sl. No	Programme	Central share	State share	Total
1	Normal RKVY	238.63	159.08	397.71
2	Sub-schemes	10.10	6.74	16.84
	Grand total	248.73	165.82	414.55

- e) However, GOK has provided a budget of Rs.602.65 crores (Central share of Rs.361.59 crores: State share of Rs.241.06 crores) for 2017-18.

State budget for 2017-18					Rs.in crores
RKVY	Other expenses (059)	Subsidy (106)	SCSP (422)	TSP (423)	Total
State budget	395.15	112.50	60.00 (9.90%)	35.00 (5.80%)	602.65

Secretary, Agriculture, explained that based on GOI allocation, for the total allocation of Rs.397.71 crores, as per RKVY guidelines, SLSC may approve projects upto 150% of the States allocations. Therefore, the SLSC can approve projects upto Rs.596.57 crores for the current year. Hence, an action plan of Rs.497.13 crores has been approved in the 16th SLSC.

The Chairperson suggested the Depts./Insts. to have separate list of projects like main list of projects for the budget approved according to GOI allocation, reserved list of projects for the difference of amount in SLSC approval & GOI allocation and additional list of projects for the balance available in State budget allocation.

Based on the GOI allocation and releases, Depts./Insts. may implement the main list of projects(Annexure-III). On availability of the balance funds as per 16th SLSC approvals, the projects under reserved list are to be implemented(Annexure-IV). If there are any additional releases by GOI matching the State budget allocation, the implementation of the projects in the additional list(Annexure-V) may be considered based on GOI/ICAR observations.

3. Implementation status 2017-18 RKVY programme:

GOI has released 1st installment grants of Rs.119.32 crores to which State has also released matching share of Rs.79.54 crores, the total releases being Rs.198.86 crores. The collective expenditure of Departments and Institutions is Rs.126.65 crores (63.68%). Details of progress is provided in Annexure-II.

Release of 1st installment grants				Rs.in crores
Year	Normal RKVY	SCSP (422)	TSP (423)	Total
Central share	93.19	18.18	7.95	119.32
State share	62.12	12.12	5.30	79.54
Grand total	155.31	30.30	13.25	198.86

Status of utilisation of 2017-18 releases (Normal RKVY)

Rs.in crores

Sl. No	Dept./Inst.	Allocation	Releases	Expenditure
	Treasury releases			
1	Agriculture	100.34	27.42	11.23
2	Watershed Devpt. Dept.	67.31	17.15	2.70
3	Horticulture	59.21	21.36	11.32
4	Animal Husbandry	108.40	62.05	32.66
5	Sericulture	17.98	4.55	3.07
6	Fisheries	6.62	1.83	1.17
7	Agril. Marketing	25.00	0.00	0.00
	Sub total (A)	384.86	134.36	62.15
	Grant-in-aid releases			
8	UAS Bangalore	3.07	1.54	1.54
9	UAS Dharwad	6.41	3.21	3.21
10	UAS Raichur	4.95	2.48	2.48
11	UAHS Shimoga	6.42	3.21	3.21
12	UHS Bagalkote	2.06	1.03	1.03
13	KSSC	20.75	10.38	10.38
14	KSSOCA	3.00	1.50	1.50
15	KSWC	32.61	25.32	25.32
16	KAPPEC	30.00	15.00	15.00
17	Tur Board	3.00	0.83	0.83
	Sub total (B)	112.27	64.5	64.50
	Grand Total (A+B)	497.13	198.86	126.65

Submission of UC to GOI is under process.

4) Implementation issues of 2017-18 RKVY programme

Secretary, Agriculture, brought to the notice of the Committee the allocation under SCSP & TSP components which is as follows:

Rs.in crores

Allocation	Other expenses (059)	Subsidy (106)	SCSP (422)	TSP (423)	Total
State budget allocation	395.15	112.50	60.00	35.00	602.65
As per GOI allocation	310.61	0.00	60.60	26.50	397.71

Further, the SCSP & TSP allocation of Rs.60.00 crores and Rs.35.00 crores respectively have been further re-allocated as follows:

Sl. No.	Deartment/institutions	Rs.in crores	
		SCSP (422)	TSP (423)
1	Agriculture	12.90	8.05
2	Horticulture	12.14	7.08
3	Animal Husbandry	22.24	12.94
4	Sericulture	3.68	2.19
5	Fisheries	1.36	0.79
6	Watershed Dev. Dept.	7.68	3.95
	Total	60.00	35.00

The Secretary, Agriculture, explained to the Committee that the implementing Depts./Insts. were finding it difficult to utilise the funds under SCSP & TSP components as majority of the approved projects come under Infrastructure & Assets stream(67.33%) and only 32.67% of the approved projects fall under Production Growth stream which includes beneficiary oriented projects. Therefore, considering the beneficiary oriented projects that are being implemented by the line Departments, wherein SCSP and TSP funds can be utilised, the Committee was requested to approve revision and reallocation from SCSP & TSP components to General component.

The Commissioner, Watershed Devp. Dept. expressed that during the year 2017-18 an amount of Rs.61.31 crore is approved for the construction of checkdams and the allocation was categorized and released. As the checkdams are being constructed in the common lands (Community Purpose), they cannot be categorized into Gen, SCP, TSP. Moreover construction of checkdam is a infrastructure oriented project and not a beneficiary oriented programme, it was requested to allot a deemed allocation of 5% under SCP and TSP grants.

The Committee deliberated in detail. The Joint Secretary, GOI expressed that the re-allocation of SCSP & TSP funds to other component is not possible in Central share. The Chairperson directed Secretary(Expenditure), Finance Dept. to revise the allocation under SCSP & TSP components in the State budget in accordance with the GOI allocation.

Further, to ensure complete utilisation of Central funds, the Depts. were instructed to submit project proposals for the allocation under SCSP & TSP components as indicated in the above table. A Sub- Committee meeting under the Chairmanship of Additional Chief Secretary and Development Commissioner including Secretary(Expenditure), Finance Dept., Secretary, Planning & Secretary Agri. to screen these proposals and submit for approval of the Chairman, RKVY SLSC.

For Watershed Devp. Dept. SCP/ TSP allocation shall be apportioned as per the category of the farmers who are benefitted by these checkdams.

5. Approval of RKVY Sub-Schemes for the year 2017-18

a) Crop Diversification Programme for replacing tobacco farming with alternative crops /cropping system.

- GOI has conveyed continuation of sub-scheme Crop Diversification Programme for the year 2017-18
- An action plan has been approved by GOI for Rs.266.80 lakhs(Central share Rs.1.60 crores and State share Rs.1.07 crores) to take up alternate crop demonstrations of cereals, pulses, oil seeds and millets in Tobacco growing areas covering an area of 2534.8 ha in Mysore, Hassan and Belagavi Districts.
- GOI vide letter F.No.1-8/2017-CU-II, dt:21/06/2017 has directed the State to take approval of RKVY SLSC for the above action plan.

The Committee accorded approval for an action plan of Rs.266.80 lakhs.

b) Reclamation of Problem (Alkali, Saline & Acid soils) Soils:

- For the year 2017-18, State Action Plan(SAP) treating an area of 1375 ha for an amount of Rs.833.33 lakhs (GOI share Rs.500.00 lakhs and GOK share Rs.333.33 lakhs) was approved in the 16th SLSC.
- However, GOI has approved an action plan of Rs.2.50 crores (Central share Rs.1.50 crores and State share Rs.1.00 crore).
- Further, GOI in its letter F.No.11-8/2016-NRM.1, dt:01/06/2017 has status that although AAP has approval of SLSC during 2016-17 but it may be included in AAP of 2017-18 and approved by SLSC as per RPS guidelines.

The Committee discussed and accorded approval for the revised action plan of Rs.2.50 crores.

c) Additional Fodder Development Programme(AFDP):

- The sub-scheme provides for distribution of fodder production kits to farmers for a maximum of 2ha/beneficiary in drought affected Districts
- The Department of Animal Husbandry had submitted to GOI an action plan of Rs.18.92 crores for distribution of 52800 fodder production kits.

- However, GOI in the letter F.No.1-12/2017-RKVY, dt:07/09/2017 has communicated that due to limited availability of funds, Central assistance(60%) of Rs.7.00 crores only has been approved for 2017-18. With the matching State share(40%) of Rs.4.66 crores, the total allocation works out to Rs.11.665 crores.
- In the above referred letter, GOI has directed the State to take approval of RKVY SLSC for the revised action plan of Rs.11.665 crores.

The Committee accorded approval for an action plan of Rs.11.665 crores subject to GOI allocation.

6.Revision of 2017-18 allocation to Sericulture Dept.

An allocation of Rs.17.98 crores was approved to Sericulture Dept. for implementing 9 projects. However, the Dept. has requested to reduce the allocation to Rs.12.88 crores for implementing 7 projects listed below as the Dept. is unable to take up two of the 16th SLSC approved projects due to technical reasons:

Sl. No	Project Name	Rs.in crores
1	Package for enhancement of soil health –for quality and productivity (On -going Project)	4.00
2	Assistance for trenching /mulching in mulberry gardens for seed farmers .-BV /MSC and bivoltine hybrid farmers (On-going Project)	2.00
3	Development of package of practices for tree mulberry cultivation and its popularization (KSSRDI) (New Project)	0.35
4	Assistance for providing disinfection, fogger and cooler units to stablize the cocoon crops(New Project)	4.00
5	Supply of bamboo Mountages (chandrikes) for Mysore seed area rearers (On -going Project)	0.40
6	Providing Assistance for DRUMKIT/ AMIT Technology (New Project)	0.38
7	Providing DX-type refrigeration systems(cold rooms) to Government model grainages at Chadalpura, Chithradhurga and Sulibele for reservation of male moths and long term preservation of silk worm DFLs (Hibernation) (New project)	1.75
	Total	12.88

The Committee approved an allocation of Rs.12.88 crores to Sericulture Dept.

7. Revalidation of unspent balance

- The project "Soil Testing and Distribution of Soil Test Cards" was approved in the 11th SLSC 2014-15 at a project cost of Rs.5.00crores.
- An amount of Rs.28.81lakhs released to above mentioned project remained unutilized due to technical reasons and the money is available with the State.

The Committee approved the revalidation of the unspent balance.

8. Ratification of earlier approved projects:

a) Department of Animal Husbandry and Veterinary Services:

- i) Additional Fodder Development Programme was sanctioned for Rs.16.80 crores during 2016-17. Out of this, an amount of Rs.14.57 crores was utilised for the distribution of Fodder mini kits to farmers. As the State was reeling under severe drought, an amount of Rs.222.75 lakhs was utilised for the Fodder Seed Production in Departmental Livestock Farms as per State Government norms, in 500 acres, which was further distributed to farmers as per the directions of the Chief Secretary GOK vide Note Sheet Para No.23 of File No.CAH/RKVY/CR-09/2017-18 (Part-3) dated:21-06-2017.

The Committee deliberated and approved utilisation of Rs.222.75 lakhs for Fodder seed production in Dept. livestock farms.

- ii) The project "Creation of infrastructure for training facility for farmers and Veterinary Livestock Assistance training Centre at Belgavi" was approved in the 16th SLSC(page-12 of 16th SLSC proceedings). However, in the annexure of the 16th SLSC proceedings at page-53, it has been erroneously referred as "Creation of infrastructure for training of farmers in Piggery, Rabbit rearing at Hesaraghatta training Center at LBF, Hesaraghatta". This mis-reference was brought to the notice of the Committee. The Committee approved for the title of the project in page-53 of 16th SLSC proceedings to be recorded as "Creation of infrastructure for training facility for farmers and Veterinary Livestock Assistance training Centre at Belgavi"

9. Re-allocation of funds:

a) **Department of Agriculture:** An allocation of Rs.100.34 crores was approved for implementation of 9 projects in the 16th SLSC as follows:

Rs.in crores		
Sl.No	Project Name	Approved Project Cost
1	Bhoochetana (II phase) (On-going project)	28.45
2	Bhoo Samvrudhi (II phase)(On-going project)	5.35
3	Integrated Genomics assisted breeding for efficient development of superior finger millet varieties (On-going project)	3.54
4	K-KISAN(On-going project)	6.00
5	Strengthening of Seed farms (On-going project)	10.00
6	Construction of RSK buildings	15.00
7	PPP model for production of Bio-control agents	2.00
8	Community Micro Irrigation Tanks in tanks filled with treated water	5.00
9	Construction of RSK Godowns	25.00
	Dept. Total (9 projects)	100.34

The funds approved for the project K-KISAN(Rs.6.00 crore) is proposed for reallocation to two new projects - Integrated Farmers Call center(Rs.3.50 crores) and for taking up IT initiatives in Dept. of Agriculture - developing application modules for various GOI & GOK schemes(Rs.2.50 crores) details are as follows:

i) Integrated Farmers Call Centre(Rs.3.50 crores)

To enable efficient Transfer of Technology and extension system, the Department, as directed by the honorable Agriculture Minister and also emphasized by the Additional Chief Secretary and Development Commissioner, intends to establish an Integrated Farmers Call Centre based on a dynamic database and regularly updated knowledge through experts in research and extension system. The Integrated Agriculture Call Centre shall be established, operated and maintained by a Service Provider. The Broad objectives of this call centre are as follows:

- To establish digital mode of functional Integrated Agriculture Call Centre.
- The initial response by call centre executives for farmer's queries in IVR system.
- Automatic call routing facility to the concerned sectors (Agriculture/ Horticulture/ Fisheries/ Animal Husbandry/ Sericulture/ Agriculture Marketing etc.,)

- Call escalation structure in three tier system.
- Automatically Call escalation of unresolved issues at different levels to the next level.
- Automatic tracking and monitoring of the queries at each level.
- Push back final resolved queries digitally to the callers (farmers).
- Dash board for information with respect to query resolution, pendency etc.,

The Dept. has availed the consultancy services of Technical Consultancy Services Organisation of Karnataka(TECSOK) for preparing the DPR. This consultancy charges shall be met out of the RKVY administrative cost.

ii) IT initiatives in Dept. of Agriculture - developing application modules for various GOI & GOK schemes(Rs.2.50 crores)

Department has taken steps to strengthen the extension system by greater use of modern Information and Communication Technology (ICT) application from RSK to Secretariat (Agriculture) to meet the core functions of the Department viz., service delivery, information dissemination, public grievances and redressal, schemes/programme implementation and to have interfaces with other Department.

In this regard, the Department, in association with NIC has developed and is using web enabled application modules for implementing the following schemes.

- Collection of farmers information so as to create farmer data base
- Presently, 30.00 lakh farmer data base has been compiled
- Distribution of farm implements, agro processing units, micro irrigation systems
- Implementation of Krishi Bhagya scheme
- Agriculture input supply systems to farmers for agri inputs seeds, micro nutriens, manures, plant protection chemicals etc.,

In line with GOI guidelines, the Department aims to develop application modules for implementation of Centrally Sponsored and State Sector Schemes incorporating Direct Benefit Transfer with the following objectives

- To prevent and address delays, reduce structural expenses in distributing the benefits and to encourage farmers to have bank linked transactions for financial activities.
- To bring in transparency in implementation of Centrally sponsored and state sector schemes.

In view of this, it is proposed to develop application modules for soil health integration, DBT, Finance, Purchase, Sales & Inventory modules for all products, Learning Management system, SMS gateway, MIS modules, Business intelligence, Document Management system etc., through Service Providers.

The Committee approved the reallocation of funds for the above mentioned projects and to bear the consultancy charges of Technical Consultancy Services Organisation of Karnataka(TECSOK) from RKVY administrative cost.

iii) Designing of Sorghum Harvester and fine-tuning of millet processing machine for better efficiency(IIMR)

- The State is promoting organic agriculture and minor millet cultivation on a large scale. To provide market linkages for these products, the Department had organized National Trade fair and has planned for an International Trade fair on organics & millets during January 2018. In this regard, the Dept. in partnership with Indian Institute of Millets Research(IIMR) is encouraging development of millet processing machines.
- It is proposed to support IIMR for R&D activities in developing millet processing machines. An amount of Rs.50.00 lakhs will be provided for IIMR out of the project cost approved for Bhoo Chethana.

The Committee accorded approval for allocation of Rs.50.00 lakhs to IIMR out of the approved project cost of Bhoo Chethana.

b) Department of Agriculture Marketing:

- In the 13th SLSC, the project “Providing Market Infrastructure facilities like Scientific storage Godowns, Covered auction platforms, cold storages Sunday Markets, solid waste managements system in the selected APMC's” was approved for Rs.236.00 crores.
- An amount of Rs.123.22 crores was released during 2015-16 and Rs.54.62 crores was released during 2016-17 under RKVY. The APMCs contributed Rs.32.60 crores. A total amount of Rs.210.44 crores has been utilised for this project till date.
- In the 16th SLSC, an amount of Rs.25.00 crores was approved for completing the project during 2017-18.

- However, the Department has requested to re-allocate the above approved funds of Rs.25.00 crores, to a new project "Development of covered auction platforms and Sunday markets in 73 APMCs" on 50:50 fund sharing of RKVY : APMC funds. The total project cost is Rs.50.00 crores and the balance Rs.25.00 crores will be met out of APMC funds.
- The funds of Rs.25.00 crores as approved in the 16th SLSC to complete the 2015-16 ongoing project shall be met from the concerned APMC's.

The Committee discussed in detail and approved the re-allocation of Rs.25.00 crores provided the Department re-submits the DPR immediately, including the details of construction of Covered Auction Platforms in earlier RKVY projects, proposed Covered Auction Platforms with justification and details of commodity arrivals and turnover.

c) University of Agricultural Sciences, Dharwad:

- The SLSC had approved 5 Projects worth Rs.6.41crores for the year 2017-18.
- As per the ICAR Comments, the project cost of “Molecular breeding and genetic enhancement in breaking yield barriers in Pulses”, has been reduced to Rs.1.45crores from Rs.2.45crores.
- The University has proposed to implement a new project “Enhancing Water use Efficiency Using Micro Irrigation Systems in Major Crops in Malaprabha Left Bank Canal of Command Areas of Northern Karnataka” for the balance amount of Rs.1.00 crore from above project.

The Committee accorded approval for implementing the above project as per ICAR observations.

d) University of Agricultural Sciences, Raichur

- i) The project “Eco care Rice Production with Enhanced input efficiency in irrigated command areas” was sanctioned Rs.0.30 crores for implementation during 2016-17 in Tungabhadra project area
 - Due to non availability of water in TBP area, it is difficult to implement the project. The same work will be taken up in Upper Krishna project area during 2017-18.

The Committee approved the change of location to upper Krishna project area.

- The projects “**Strengthening of Food Quality Testing Laboratory by Establishing Food Micro Biology**” and “**Determination of quality of pesticide formulate at Hyderabad Karnataka region**” were sanctioned Rs.0.81 crores and Rs.0.90 crores respectively for procurement of laboratory equipments, consumables and recurring contingencies in the 16th SLSC. However, the University is seeking approval to utilise Rs.0.75 crore and Rs.0.60 crore respectively out of the funds approved for construction of laboratory in the above mentioned projects.

The Committee discussed and approved the utilisation of funds mentioned above for construction of laboratory

10. Utilisation of available balance funds

a) Karnataka State Natural Disaster Monitoring Cell(KSNDMC)

- During the year 2013-14 the project "Establishment of Rain gauges at 3031 Gram Panchayaths and Automatic Weather Stations" was approved and Rs.25.00 crores was released.
- Due to reduction in some of the items such as GPRs connectivity, web enabled services charges etc., an amount of Rs.367.89 lakhs remains unspent.
- The Cabinet sub-committee constituted under the Chairmanship of Honorable Revenue minister to examine the drought situation in the State took decision for establishment of Telemetric raingauge network in the newly formed 439 Gram Panchayaths.
- The estimated budget for the establishment Telemetric raingauges at 439 newly formed GPs and maintenance of these stations for 5 years will be Rs.350.53 lakhs.

The Committee approved utilisation of the balance funds of Rs.350.53 lakhs for establishing Telemetric raingauges in 439 new GPs

11. Proposal of Mahalanobis National Crop Forecast Centre for 16 most drought vulnerable districts in Karnataka

- Govt. of India has tentatively allocated a fund Rs.4.00 Crore under RKVY for the year 2017-18 vide letter No.F.No.2-1/2017-NRAA, Dt.15th Sept. 2017 to National Rainfed Area Authority (NRRA) to formulate a project proposal cum action plan for most vulnerable drought prone districts in the states of Andrapradesh, Karnataka and Rajasthan as per NMSA guidelines.
- Districts in which drought was declared more than 10 times during 2000-2015 in Karnataka are as follows:

Sl. No.	Name of District	Sl. No.	Name of District
1	Bagalkot	9	Kalaburagi
2	Bengaluru Rural	10	Hassan
3	Belgavi	11	Kolar
4	Ballari	12	Koppal
5	Bidar	13	Mandya
6	Vijayapura	14	Mysuru
7	Davanagere	15	Chitradurga
8	Gadag	16	Tumakuru

- NRRA has been assigned the task of providing technical inputs in the area of water Management, Rainwater conservation, Watershed Development and Integrated Farming System(IFS) as well as extending advisory to States for implementation and monitoring to undertake demonstration on package of practices to address the issues of most vulnerable drought prone districts.
- ICAR- CRIDA, Hyderabad has been assigned the responsibility to facilitate the process of preparation of plans for the above 16 districts, including specific interventions of Center / States for drought proofing and convergence of various activities of line departments related to drought proofing programmes in close consultation with state/district level officers of Agriculture, Horticulture, Animal husbandry, Irrigation (surface and ground water resources), Rural development etc.
- A meeting was organized on 29th June 2017 under the chairmanship of Additional Chief Secretary and Development Commissioner at Bengaluru involving Scientists from CRIDA to discuss about plan preparations.
- A second meeting with Scientists of CRIDA was held on 16th September 2017 at KSNDMC, Bengaluru to discuss the District Action Plans of the southern districts (Hassan, Kolar, Mandya, Mysuru, Chitradurga, Tumakuru, Bengaluru Rural and Davanagere district).

The Committee approved the above proposal in principle subject to implementation as per GOI directions and availability of funds

12. Additional proposals for the year 2017-18:

- The State Government has provided a budget of Rs.602.65 crores (Central share of Rs.361.59 crores: State share of Rs.241.06 crores) for implementation of RKVY 2017-18.
- Out of this, considering the action plan approved in 16th SLSC (Rs.497.13 crores), allocation for sub-schemes(Rs.16.84 crores), budget provision for revalidation amount(Rs.11.67 crores) amounting to Rs.525.64 crores, balance of Rs.77.01 crores is still available in the State budget.
- There are additional projects for this balance budget allocation(Annexure-V).
- However, Central share allocated by GOI is Rs.248.73 crores only. An additional Central share of Rs.112.86 crores needs to be provided by GOI as per the State budget allocation.

The Committee recommended GOI to consider providing additional Central share matching the State budget allocation.

13 Any other issues:

a) Reclamation of Problem (Alkali, Saline & Acid soils) Soils:

- During the year 2016-17 DAC & FW, GOI vide letter dated 21/11/2016 had approved State Action Plan (SAP) for reclamation of 825 ha of saline and alkaline soils at an estimated cost of Rs.500.00 lakhs(Central share Rs.300.00 lakhs(60%) + State share Rs.200.00 lakhs(40%)).
- GOI vide its letter Date:02/12/2016 released Central share of Rs.150.00 lakhs and State released its share of Rs.99.33 lakhs totaling Rs.249.33 lakhs as 1st installment grant. Though, Utilization Certificate for Rs.249.33 lakhs was submitted to GOI, 2nd installment grants was not released by GOI.

The Committee approved the State Action Plan (SAP) for Rs.833.00 lakhs for treating an additional area of 1375 ha in seven districts of the State for the year 2017-18 and directed the Department to co-ordinate with the concerned Division at GoI for release of balance funds of 2016-17 (i.e.Rs.250.00 lakhs) and for approval of 2017-18 State Action Plan for Rs.833.00 lakhs


- i) **Geo-tagging of RKVY assets:** RKVY is operational since 2007-08 & lot of infrastructure has been created under RKVY funding. So it is important that these infrastructures are geo-tagged. In this initiative, a mobile app using Bhuvan platform has been developed. Departments/Institutions to ensure that infrastructure created in their projects are geo-tagged using this mobile application.
- ii) **RDMIS updation:** The Committee instructed Department/Institutions to update the monthly progress and successes stories in RDMIS. It was suggested that reminders as SMS alerts (or) E-mails should be embedded in the MIS for monitoring the updation.

Important decisions taken in the meeting:

- Departments/Institutions to ensure that there is no parking of RKVY funds and to compulsorily utilize funds for the projects for which they were approved.
- Departments /Institutions to expedite utilization of balance funds of 2016-17 and submit progress report and Utilization Certificate immediately .
- All the projects to be implemented in accordance with the Operational guidelines of RKVY, 2014
- Cost norms and financial assistance in similar Govt. of India/State Govt. Schemes/Programmes shall be followed.
- Finance Dept. to revise the State budget allocation under SCSP & TSP components in accordance with GOI allocation.
- Depts. to submit project proposals for utilisation of funds allocated under SCSP & TSP components.
- A Sub- Committee under the Chairmanship of Additional Chief Secretary and Development Commissioner including Secretary(Expenditure), Finance Dept., Secretary, Planning & Secretary Agri. to screen the project proposals for utilisation of allocation under SCSP & TSP components.
- The Sub-Committee to submit this list of projects for approval of the Chairman, RKVY SLSC.
- DPR of the projects for which funds have been reallocated, projects in the additional list to be submitted immediately for further submission to GOI/ICAR.
- These projects to be further implemented as per GOI/ICAR observations.

- For all Research projects, approval of ICAR has to be obtained before implementing the projects and the observations should be duly attended.
- Project Completion Reports and information in other prescribed formats to be submitted to RKVY Cell and the same to be updated in RDMIS.

The meeting ended with a vote of thanks to all participants.


 Chief Secretary,
 Government of Karnataka
 & Chairman, SLSC on RKVY

No.RKVY/17th SLSC/2017-18

Department of Agriculture
 Seshadri Road, Bangalore 01
 Date:

Copy to:

1. Secretary to the Government of India, Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture & Farmers Welfare, New Delhi.
2. Joint Secretary (RKVY), Government of India, Department of Agriculture, Cooperation and Farmers Welfare, Krishi Bhavan, New Delhi.
3. Secretary/Joint Secretary to Government of India , Department of Animal Husbandry, Dairying & Fisheries, Krishi Bhavan, New Delhi.
4. Advisor (Agriculture), NITI Aayog, Government of India, Agriculture Division, Sansad Marg, New Delhi
5. Additional Chief Secretary and Development Commissioner, Government of Karnataka, Vidhana Soudha, Bangalore.
6. Additional Chief Secretary, Co-operation Department, Govt. of Karnataka, M.S. Building, Bangalore.
7. Additional Chief Secretary, Forest, Ecology and Environment Department, Govt. of Karnataka, M.S. Building, Bangalore.
8. Additional Chief Secretary, Finance Department, Vidhana Soudha, Govt. of Karnataka, Bangalore.
9. Additional Chief Secretary, Planning & Statistics Department, Govt. of

Karnataka, Bangalore

10. Principal Secretary, Water Resource Department, Govt. of Karnataka, Vikasa Soudha, Bangalore.
11. Principal Secretary, Rural Development & Panchayath Raj Dept, Govt. of Karnataka, M.S. Building, Bangalore.
12. Principal Secretary, Horticulture and Sericulture, Govt. of Karnataka, Bangalore.
13. Principal Secretary, Animal Husbandry & Fisheries, Govt. of Karnataka, Bangalore.
14. Secretary, Agriculture Department, Govt. of Karnataka, M.S Building, Bangalore
15. Vice Chancellor, UAS, GKVK, Bangalore.
16. Vice Chancellor, UAS, Dharwad.
17. Vice Chancellor, UAS, Raichur
18. Vice Chancellor, UAHS, Shimoga
19. Vice Chancellor, UHS, Bagalkote
20. Commissioner, Animal Husbandry and Veterinary Services, B'lore
21. Commissioner, Horticulture, Bangalore.
22. Director of Agriculture, Bangalore.
23. Director of Animal Husbandry, Bangalore.
24. Director of Fisheries, Bangalore.
25. Director of Sericulture, Bangalore.
26. Director, KSSOCA & Agriculture Marketing
27. Managing Director, KSSC Ltd., KSWC, KAPPEC,

Copy for kind information to the :

1. Personal Secretary to Chief Secretary to Government of Karnataka, Vidhana Soudha, Bangalore.
2. Personal Secretary to Additional Chief Secretary & Development Commissioner, Government of Karnataka, Vidhana Soudha, Bangalore.

Commissioner for Agriculture

**RKVY 17th State Level Sanctioning Committee meeting under the Chairmanship of
Chief Secretary Govt of Karnataka, in Room No-313, Vidhana soudha, Bengaluru on
23/10/2017 at 11:30AM**

- 1 Chief Secretary, Govt of Karnataka, Bengaluru In Chair
- 2 Joint secretary, Department of Agriculture & Cooperation, Ministry
of Agriculture and farmers welfare, GOI, New Delhi
- 3 Additional Chief Secretary, Finance Department, Vidhana Soudha,
Govt of Karnataka Bengaluru.
- 4 Principal Secretary, Water Resource Department, Govt of
Karnataka, Vikasa Soudha, Bengaluru
- 5 Secretary, Agriculture Department GOK
- 6 Secretary, Co-operation Department GOK
- 7 Vice Chancellor, UAS, GKVK, Bengaluru.
- 8 Vice Chancellor, UAS, Dharwad.
- 9 Vice Chancellor, UAS, Raichur.
- 10 Vice Chancellor, UAHS Shimogga, DR, UAHS
- 11 Vice Chancellor, UHS, Bagalkote Director of Research UHS
Bagalkot
- 12 Vice Chancellor, KVA & FSU, Bidar
- 13 Commissioner of Agriculture
- 14 Commissioner, Animal Husbandry and Veterinary Services,
Bengaluru.
- 15 Commissioner, Horticulture Dept, Bengaluru
- 16 Commissioner, Watershed Development Department, Bengaluru
- 17 Director of Agriculture, Bengaluru.
- 18 Director of Animal Husbandry, Bengaluru.
- 19 Director of Fisheries, Bengaluru
- 20 Director of Sericulture, Bengaluru
- 21 Director, KSSOCA
- 22 Director of Agriculture Marketing, Bengaluru
- 22 Managing Director, KSSC, Bengaluru
- 23 Managing Director, KAPPEC, Bengaluru
- 24 Managing Director, KSWC

ANNEXURE-I

List of project proposals approved in 16th SLSC for 2017-18 Production Growth stream

		Rs.in crores
Sl.No	Project	Approved Project Cost
I	Agriculture	
1	Bhoochetana (II phase)	28.45
2	Bhoo Samvrudhi (II phase)	5.35
3	Integrated Genomics assisted breeding for efficient development of superior finger millet varieties	3.54
	Total(3projects)	37.34
II	Horticulture	
1	Integrated Development of Scientific Bee Keeping	2.92
2	Adoption of Good management practices- Rejuvenation in Coconut and Mango Garden	1.98
3	Center of Excellence for protected cultivation, Somanahalli Kavel, Hassan	2.14
4	Public Private Partnership For Integrated Horticulture Development	15.00
5	Development and maintenance of Farmer Producer Organization	6.30
6	Strengthening of Center of Excellence at Maddur	0.85
7	Precision Farming in Mango, Banana, Papaya, Pomegranate, Grapes for SC&ST farmers	4.00
	Total(7projects)	33.19
III	Animal Husbandry	
1	Comprehensive Poultry Development Programme	
	d] Establishment of Commercial Layer Farms & Commercial Broiler Farms in Clusters(New project)	2.00
2	Comprehensive Development of sheep and Goat in Karnataka	
	b] Comprehensive Sheep and Goat Development in the State by Induction of Sheep and Goat Units (100+5) under RKVY 2016-17 by KSWDCL (New project)	3.00
3	Research and Extension Projects of Veterinary University.	
	c] Study of Antimicrobial resistance in Bovine Subclinical Mastitis pathogens in selected district to reduce its occurrence and improve economical status of farmers(New project)	1.20
	d] Establishment of Meat Processing Centre for Value Addition of Meat(New project)	1.10
4	Piggery Development Programme	
	a] Strengthening of existing piggery farms at Hesaraghatta farm (Ongoing project)	1.46

Sl.No	Project	Approved Project Cost
5	Pashu Bhagya :- Animal Induction Programme for Milk and Meat Production at 50% for SC/ST and 25 % subsidy for others.	
	a] Pashu Bhagya :- i] Dairy Animal Induction unit at Rs.1.20 lakhs (Ongoing project)	25.00
	b] Sheep and Goat Induction 10+1 unit Rs.67440/- (Ongoing project)	2.00
	c] Pig 3+1 or 10 piglets fattening (Ongoing project)	0.50
	d] Establishment of 250 commercial layer unit/ 500 broiler units (Ongoing project)	1.00
	Project Total	28.50
6	Cluster based Integrated Farming System with backward and forward linkages in 193 Gram Panchayaths for animal induction for economic sustainability for farmers.	6.98
	Total (6projects)	44.24
IV	Sericulture	
1	Package for enhancement of soil health –for quality and productivity	4.00
2	Assistance for trenching /mulching in mulberry gardens for seed farmers .-BV /MSC and bivoltine hybrid farmers	2.00
3	Development of package of practices for tree mulberry cultivation and its popularization (KSSRDI)	0.35
4	Assistance for providing disinfection, fogger and cooler units to stabilize the cocoon crops	4.00
5	Supply of bamboo Mountages (chandrikes) for Mysore seed area rearers	0.40
6	Providing Assistance for DRUMKIT/ AMIT Technology	0.38
7	Providing DX-type refrigeration systems(cold rooms) to Government model grainages at Chadalpura, Chithradurga and Sulibele for reservation of male moths and long term preservation of silk worm DFLs (Hibernation)	1.75
	Total(8Projects)	12.88
V	Fisheries Department	
1	Upgradation of Fish Seed Production Farms in Karnataka	2.60
2	Reservoir Fisheries Development through Stocking of fish fingerlings	1.00
3	Assistance for supply of fishery requisites to fishermen for increasing the fish production	2.00
4	Seabass cage culture in Coastal Karnataka	0.61
5	Demonstration of utilization of saline, alkaline and waterlogged areas for fish culture in Cauvery, Tungabhadra and Krishna command areas	0.41
	Total(5Projects)	6.62

Sl.No	Project	Approved Project Cost
VI	UAS, Bangluru	
1	Subsoil manuring for enhancing crop productivity in rainfed farming regions of Southern Karnataka	0.50
2	Standardization of diagnostic methods for testing of genetic purity of seeds and seed Health	0.70
3	Development of Sustainable Pilot Model Seed Platform	0.81
4	Development of nanoparticle-based DSRNA delivery system to manipulation of specific traits in plants	0.45
	Total(4 projects)	2.46
VII	UAS, Dharwad	
1	Rhizosphere engineering to invigorate the farm lands through endophytic/ associative microbes as colonizing biophores	1.45
2	Molecular breeding for in groundnut and linseed	0.99
3	Exploration of Halophytes and salt resistance genes for Bio-amelioration of salt affected soils.	0.60
4	Genetic Enhancement for disease resistance in Pigeon Pea and Moisture Stress Resistance in Rabi Sorghum through Molecular Breeding	0.92
5	Molecular breeding and genetic enhancement in breaking yield barriers in Pulses	2.45
	Total(5Projects)	6.41
VIII	UAS,Raichur	
1	Radiation Technology (SIT) for management of pink bollworm as an integral component of cotton IPM	0.56
2	Green Synthesis and Characterization of Nano Pesticide for Enhancing the Quality of Agricultural Produce	1.73
3	Mechanization of selected farm operations through drones and other remote controlled on-farm equipment	0.96
4	Determination of quality of pesticide formulation at Hyderabad-Karnataka region.	0.90
	Total(4 projects)	4.15
IX	UAHS, Shimogga	
1	Establishment of Pesticide Residue Testing Laboratory for Monitoring and Assuring Quality of Soil, Water and Food	2.00
2	Centre of Excellence for Diagnosis of Plant Diseases and Pests	0.80
3	Climate Resilience through Demonstration of Climate Smart Farming Practices.	0.92
4	Establishment of Hydroponic Fodder Production Technology units	1.00

Sl.No	Project	Approved Project Cost
5	Large scale Multiplication of Elite Horticultural Planting Materials.	1.00
6	Standardizing the Use of Robotics for Spraying/ Release of Parasites, Predators, Entomopathogens and Chemicals for Management of Insect Pests and Diseases of High Canopy Plantation Crops	0.70
	Total(6 projects)	6.42
X	UHS Bagalkote	
1	Development of certification protocols for planting materials of Horticultural origin.	0.42
2	Distillation and Value Addition to Promote Menthol Mint Cultivation.	0.40
3	Biological control of root knot nematode in pomegranate (Punica granatum L.): Development of Bio-formulation product	0.56
4	Development of Organic Packages to mitigate a biotic stress in Horticulture crops. Pink Pigmented Facultative Methyлитrophs (PPFM)	0.08
	Total(4 projects)	1.46
XI	KSSC	
1	Continuous Development of Bt cotton Hybrids using diverse germplasm from State Agriculture Universities (SAUs), maintenance, supply and popularization through Karnataka State Seeds corporation (KSSC).	0.25
	Total(1 project)	0.25
XII	Watershed Devp. Dept.	
1	Public Private Partnership for Integrated Agriculture Development	6.00
	Total(1 project)	6.00
	Grand total(48Projects)	161.42 (32.67% of total approval)

Annexure - I

List of project proposals approved in 16th SLSC for 2017-18 Infrastructure and Assets sector

		Rs.in crores
Sl.No	Project	Approved Project Cost
I	Agriculture Department	
1	K-KISAN	6.00
2	Strengthening of Seed farms	10.00
3	Construction of RSK buildings	15.00
4	PPP model for production of Bio-control agents	2.00
5	Community Micro Irrigation Tanks in tanks filled with treated water	5.00
6	Construction of RSK Godowns	25.00
	Sub total (6projects)	63.00
II	Horticulture	
1	Development of Departmental laboratories	12.38
2	Strengthening of Parasite Production Laboratories in Karnataka	1.00
3	Strengthening of center of Excellence for Floriculture” Located at Tunga Horticulture Farm Shivamogga	1.00
4	Computerization of Horticulture Dept.	3.74
5	Center of Excellence for protected cultivation, Somanahalli Kavel, Hassan	0.87
6	Incentives for Post-Harvest Management Activities in Horticulture	5.00
7	Up-gradation of Horticultural Training Centers in Karnataka	1.00
8	Strengthening of Skill Imparting Training Programmes at Biocentre, Hulimavu	1.03
	Sub total (8 Projects)	26.02
III	Animal Husbandry Department	
1	Strengthening of Farmers Training Centre and Creation of Infrastructure for skill development	
	a) Creation of infrastructure for training facility for farmers at Hassan	1.00
	b) Creation of infrastructure for training of farmers in Piggery, Rabbit rearing at Hesaraghatta training Center at LBF, Hesaraghatta	1.50
	c) Creation of infrastructure for training of farmers in piggery, rabbit Rearing Hesaraghatta training center at LBF Hesaraghatta	1.80
	Project Total	4.30
2	Comprehensive Poultry Development Programme	
	a] Establishment and Modernization of fully automated breeding and rearing sheds in departmental farms (New project) - Hesaraghatta Rs.58.00 lakhs, Dharwad Rs.50.00 lakh, Malavalli Rs.92.00 lakh	1.35

Sl.No	Project	Approved Project Cost
	b] Establishment of Regional Poultry Breeding and Training Center, Kurikuppe	2.30
	c] Establishment of Backyard Poultry Breeding Centre in Mokali Village, Arkalgud Taluk, Hassan District	2.50
	e] Establishment of Backyard Poultry Breeding Centre in Kesartagi Village of Kalburgi Taluk and Kalburgi District.	2.50
	Project Total	8.65
3	Fodder Development Programme	
	a] Supply of Post Harvest Equipments(Chaff Cutters) of 1HP,2HP,3HP at 50% subsidy(On-going project)	1.00
	b] Establishment of Silage production units on large scale in Departmental livestock farms on PPP mode. (New project)	1.00
	c] Fodder Production Infrastructure at Livestock Breeding Farm, Kudige	1.00
	d] Fodder Seed Production Infrastructure at khillar Cattle Breeding Farm, Bankapur	0.75
	Project total	3.75
4	Comprehensive Development of sheep and Goat in Karnataka	
	a] Establishment of Goat farms for milk production of Marketing Infrastructure of include goat milk procurement (Ongoing project)	1.80
	c] Establishment of multipurpose Ambulatory clinic in 8 districts.	0.80
	d] Supply of shearing machine to district offices of KSWDCL	1.50
	Project Total	4.10
5	Research and Extension Projects of Veterinary University.	
	a] Establishment of Centre of Excellence for transfer of technology in animal production (Hassan/Konehally Campus) (Ongoing project)	1.60
	b] Establishment of Centre of Excellence for transfer of technology in animal production (Shiggaon Campus, Havery Dist)	1.57
	Proeject Total	3.17
6	Dairy and Dairy Infrastructure Development in Karnataka	
	a] Establishment of Flexy Pack Unit at Belgaum milk union	2.06
	b] Establishment of UHT in Flexy Pack Unit at Bellary, Raichur, and Koppal milk union (Ongoing project)	4.00
	c] Establishment of Flexy Pack Unit at Tumkur for Milk Unions(Ongoing project)	2.00
	d] 100 MDPD Capacity Milk Powder Plant with 12 LLPD capacity Liqueid Milk Processing Unit at Kanva, Chennapattana Taluk	9.68
	Project Total	17.74

Sl.No	Project	Approved Project Cost
7	Strengthening Animal Health, Animal Breeding and Extension Services in Karnataka	
	a] Strengthening of diseases diagnosis infrastructure by supply of Digital WBC analyser and HB analyser and Large animal ultrasound scanning mechine for spot disease dignosis to all 30 district polyclinics and 176 Mobile Veterinary Clinics	5.86
8	Strengthening Frozen Semen Production Centers and Livestock breeding farms for genetic upgradation.	
	a] Existing Frozen Semen Production Centers at State Livestock Breeding and Training Center, Hessaraghatta.	4.00
	b] State Semen Production Center, Hessaraghatta	1.50
	c] Strengthening of Livestock Breeding Farm, Munirabad for genetic upgradation	1.00
	d] Semen Production Center LBTC, Dharwad	0.75
	e] Strengthening of Buffaloe bull mother farm, Tegur for Genetic upgradation	0.75
	Project cost	8.00
9	Piggery Development Programme	
	a] Strengthening of existing piggery farms, Kalasa, Chikkamagaluru Dist.	1.03
	b] Strengthening of existing piggery farms, Koila, Dakshina Kannada Dist.	0.72
	Project cost	1.75
10	Strengthening of Animal Health, Animal Breeding and Extension Services in Karnataka .	
	a] Upgradation of quality control labs for creation of Animal Challenge facility as per G.M.P norms(Ongoing project)	2.5
	b] Establishment of Veterinary Forensic Lab (Ongoing project)	2.34
	c] Establishment and upgradation and Modification of FMD Lab(New project)	2
	Project cost	6.84
	Infrastructure total	64.16
IV	Sericulture	
1	Computerisation of Department of Sericulture	4.10
V	Agri Marketing Department	
1	Providing Market Infrastructure facilities like Scientific storage Godowns, Covered auction platforms, cold storages sunday Markets, solid waste managements system in the selected APMC's in Karnataka State (On-going Project)	25.00

Sl.No	Project	Approved Project Cost
VI	Tur Board	
1	Devp. of silo structure for hygienic and long term storage of pulses	3.00
VII	UAS, Bangalore	
1	Establishment of molecular diagnostic laboratory for detection of plant pathogens	0.61
VIII	UAS, Raichur	
1	Strengthening of Food Quality Testing Laboratory by Establishing Food Microbiology Laboratory	0.81
IX	UHS, Bagalkote	
1	Establishment of Bio Control Laboratories for Organic Production of Horticultural Crops.	0.60
X	KSSC	
1	Strengthening of Infrastructure Facilities for Seed Processing and Scientific Seed Storage	20.50
XI	KSSOCA	
1	Construction of Quality Control Divisional Level Seed Growers/Producers/ Organic Farmers/ Stakeholders training Centres of Karnataka State Seed and Organic Certification Agency (KSSOCA)	3.00
XII	Watershed Devp. Dept	
1	Construction of Check Dams in Watershed areas	61.31
XIII	KAPPEC	
1	Establishment of Warehouse Facility at Gadag	7.35
2	Establishment of cold chain facility with hot water treatment at Poojenahalli Horticulture farm Devanahalli	22.00
3	Establishment of hot water treatment plant for mango at Hubli, Humanabad, Gadag	0.65
	KAPPEC total crores(3 Projects)	30.00
XIV	Karnataka State Warehousing Corporation	
1	Construction of scientific warehouses and providing basic infrastructure facilities to existing warehouses at various centers in the state (On-going Project)	32.61
	Grand Total(37projects)	334.72 (67.33% of total approvals)

ANNEXURE -II

Project wise progress report

Rs.in crores

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
I	Agriculture Dept.				
1	Bhoochetana (II phase) (On-going project)	28.45	12.93	740 FFS	1.40
2	Bhoo Samvrudhi (II phase) (On-going project)	5.35	2.49	55 nos IFS models	0.63
3	Strengthening of Seed farms (On-going project)	10.00	5.00	10 Seed farms	5.00
4	Construction of RSK buildings	15.00	5.00	26 RSKs	4.20
5	PPP model for production of Bio-control agents	2.00	2.00	-	Implementation under process
	Agriculture Total (5 projects)	60.80	27.42		11.23
II	Department of Horticulture				
1	Integrated Development of Scientific Bee Keeping (New project)	2.92	1.50	Awareness campaign 4 Nos. Training 10 Nos	0.12
2	Development of Departmental laboratories (On-going project)	12.38	5.88	Lab work at Davanagere in progress	3.80
3	Strengthening of Parasite Production Laboratories in Karnataka	1.00	0.60	In progress	0.60
4	Adoption of Good management practices- Rejuvenation in Coconut and Mango Garden (Ongoing project)	1.98	1.98	508ha Mango Rejuvenation	1.09
5	Strengthening of center of Excellence for Floriculture” Located at Tunga Horticulture Farm Shivamogga	1.00	0.50	Work in progress	0.34
6	Center of Excellence for protected cultivation, Somanahalli Kavel, Hassan (New project)	3.01	0.05	Work in progress	0.05
7	Public Private Partnership For Integrated Horticulture Development (On-going project)	15.00	5.22	5 project are in progress	0.10
8	Strengthening of Center of Excellence at Maddur (On-going project)	0.85	0.45	Wok in progress	0.27

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
9	Precision Farming in Mango, Banana, Payaya, Pomegranate, Grapes for SC&ST farmers (On-going project)	4.00	4.00	759 acres	2.81
10	Strengthening of Skill Imparting Training Programmes at Biocentre, Hulimavu (New project)	1.03	0.40	Tender Process in progress	0.00
	Horticulture Total (10 projects)	59.21	20.58		11.32 (55%)
III	Animal Husbandry				
1	Comprehensive Poultry Development Programme				
	a] Establishment and Modernization of fully automated breeding and rearing sheds in departmental farms (New project) - Hessarghatta Rs.58.00 lakhs, Dharwad Rs.50.00 lakh, Malavalli Rs.92.00 lakh	1.35	1.35	1	0.50
	b] Establishment of Regional Poultry Breeding and Training Center, Kurikuppe (Ongoing project)	2.30	2.30	1	2.30
	c] Establishment of Backyard Poultry Breeding Centre in Mokali Village, Arkalgud Taluk, Hassan District	2.50	0.00	0	0.00
	d] Establishment of Commercial Layer Farms & Commercial Broiler Farms in Clusters(New project)	2.00	2.00	200	2.00
	e] Establishment of Backyard Poultry Breeding Centre in Kesartagi Village of Kalburgi Taluk and Kalburgi District.	2.50	0.00	0	0.00
	Project Total	10.65	5.65	202	4.80
2	Fodder Development Programme				
	a] Supply of Post Harvest Equipments(Chaff Cutters) of 1HP,2HP,3HP at 50% subsidy(On-going project)	1.00	1.00	880	0.45
	b] Establishment of Silage production units on large scale in Departmental livestock farms on PPP mode. (New project)	1.00	0.00	0	0.00
	c] Fodder Production Infrastructure at Livestock Breeding Farm, Kudige	1.00	0.00	0	0.00

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
	d]Fodder Seed Production Infrastructure at khillar Cattle Breeding Farm, Bankapur	0.75	0.00	0	0.00
	Project total	3.75	1.00	880	0.45
3	Comprehensive Development of sheep and Goat in Karnataka				
	a] Establishment of Goat farms for milk production of Marketing Infrastructure of include goat milk procurement (Ongoing project)	1.80	0.00	0	0.00
	b] Comprehensive Sheep and Goat Development in the State by Induction of Sheep and Goat Units (100+5) under RKVY 2016-17 by KSWDCL (New project)	3.00	1.50	85	1.50
	c] Establishment of multipurpose Ambulatory clinic in 8 districts.	0.80	0.80	0	0.80
	d] Supply of shearing machine to district offices of KSWDCL	1.50	1.50	50	1.50
	Project Total	7.10	3.80	135	3.80
4	Research and Extension Projects of Veterinary University.				
	a] Establishment of Centre of Excellence for transfer of technology in animal production (Hassan/Konehally Campus) (Ongoing project)	1.60	1.60	1	1.60
	b] Establishment of Centre of Excellence for transfer of technology in animal production (Shiggaon Campus, Havery Dist) (Ongoing project)	1.57	1.57	1	1.57
	c] Study of Antimicrobial resistance in Bovine Subclinical Mastitis pathogens in selected district to reduce its occurrence and improve economical status of farmers(New project)	1.20	1.10	0	0.00
	d] Establishment of Meat Processing Centre for Value Addition of Meat(New project)	1.10	1.10	0	0.00
	Proeject Total	5.47	5.37	2	3.17

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
5	Dairy and Dairy Infrastructure Development in Karnataka				
	a] Establishment of Flexy Pack Unit at Belgaum milk union (Ongoing project)	2.06	2.06	1	2.06
	b] Establishment of UHT in Flexy Pack Unit at Bellary, Raichur, and Koppal milk union (Ongoing project)	4.00	4.00	1	4.00
	c] Establishment of Flexy Pack Unit at Tumkur for Milk Unions(Ongoing project)	2.00	2.00	1	2.00
	d] 100 MDPD Capacity Milk Powder Plant with 12 LLPD capacity Liquefied Milk Processing Unit at Kanva, Chennapattana Taluk	9.68	3.00	0	0.00
	Project Total	17.74	11.06	3	8.06
6	Strengthening Animal Health, Animal Breeding and Extension Services in Karnataka				
	a] Strengthening of diseases diagnosis infrastructure by supply of Digital WBC analyser and HB analyser and Large animal ultrasound scanning machine for spot disease diagnosis to all 30 district polyclinics and 176 Mobile Veterinary Clinics (New project)	5.86	3.72	176	3.71
7	Strengthening Frozen Semen Production Centers and Livestock breeding farms for genetic upgradation.				
	a] Existing Frozen Semen Production Centers at State Livestock Breeding and Training Center, Hessaraghatta. (New project)	4.00	0.00	0	0.00
	b] State Semen Production Center, Hessaraghatta(New project)	1.50	1.00	1	0.53
	c] Strengthening of Livestock Breeding Farm, Munirabad for genetic upgradation (New project)	2.00	1.00	0	0.00
	d] Semen Production Center LBTC, Dharwad	0.75	0.00	0	0.00
	e] Strengthening of Buffalo bull mother farm, Tegur for Genetic upgradation	0.75	0.00	0	0.00
	Project cost	8.00	2.00	1	0.53

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
8	Piggery Development Programme				
	a] Strengthening of existing piggery farms at Hesaraghatta farm (Ongoing project)	1.46	0.24	1	0.24
	b] Strengthening of existing piggery farms, Kalasa, Chikkamagaluru Dist.	1.03	0.00	0	0.00
	c] Strengthening of existing piggery farms, Koila, Dakshina Kannada Dist.	0.72	0.00	0	0.00
	Project Total	3.21	0.24	1	0.24
9	Strengthening of Animal Health, Animal Breeding and Extension Services in Karnataka				
	a] Upgradation of quality control labs for creation of Animal Challenge facility as per G.M.P norms(Ongoing project)	2.50	2.50	1	2.50
	b] Establishment of Veterinary Forensic Lab (Ongoing project)	2.34	2.34	1	2.34
	c] Establishment and upgradation and Modification of FMD Lab(New project)	2.00	0.00	0	0.00
	Project cost	6.84	4.84	2	4.84
10	Pashu Bhagya :- Animal Induction Programme for Milk and Meat Production at 50% for SC/ST and 25 % subsidy for others.				
	a] Pashu Bhagya :- i] Dairy Animal Induction unit at Rs.1.20 lakhs (Ongoing project)	25.00	20.09	1462	3.06
	b] Sheep and Goat Induction 10+1 unit Rs.67440/- (Ongoing project)	2.00	2.00	0	0.00
	c] Pig 3+1 or 10 pigletes fattening (Ongoing project)	0.50	0.50	0	0.00
	d] Establishment of 250 commercial layer unit/ 500 broiler units (Ongoing project)	1.00	1.00	0	0.00
	Project Total	28.50	23.59	1462	3.06
	Animal Husbandry Total (10 Projects)	97.12	61.27	0	32.66 (53.30%)
IV	Fisheries Department				
1	Upgradation of Fish Seed Production Farms in Karnataka (On-going project)	2.60	0.26	0	0.00
2	Reservoir Fisheries Development through Stocking of fish fingerlings (On-going project)	1.00	0.40	0	0.00
3	Assistance for supply of fishery requisites to fishermen for increasing the fish production (Ongoing project)	2.00	0.97	856	0.97

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
4	Seabass cage culture in Coastal Karnataka (New project)	0.61	0.00	0	0.00
5	Demonstration of utilization of saline, alkaline and waterlogged areas for fish culture in Cauvery, Tungabhadra and Krishna command areas (New project)	0.41	0.20	9	0.20
	Fisheries Total (total projects 5)	6.62	1.83	865	1.17
V	Sericulture Department				
1	Package for enhancement of soil health –for quality and productivity (On -going Project)	4.00	3.15	3045 Nos	1.91
2	Development of package of practices for tree mulberry cultivation and its popularization (KSSRDI)(New Project)	0.35	0.35	0	0.35
3	Supply of bamboo Mountages (chandrikes) for Mysore seed area rearers (On -going Project)	0.40	0.40	113 Nos	0.37
4	Providing DX-type refrigeration systems(cold rooms) to Government model grainages at Chadalpura, Chithradhurga and Sulibele for reservation of male moths and long term preservation of silk worm DFLs (Hibernation) (New project)	1.75	0.65	1 No	0.44
	Sericulture total (4 projects)	6.50	4.55	0.00	3.07 (67.47%)
VI	University of Agricultural Sciences, Bengaluru				
1	Establishment of molecular diagnostic laboratory for detection of plant pathogens (New project) project period is 3yrs, Proposed total project cost is Rs.0.75crs)	0.61	0.37	ELISA-1no, RTPCR- 1no, Centrifuge-1 no	0.37
2	Subsoil manuring for enhancing crop productivity in rainfed farming regions of Southern Karnataka (New project, project period is 3yrs, Proposed total project cost is Rs.0.82 crs)	0.50	0.20	Rippers- 3Nos, Peniotromet ers-3 Nos, infiltration instrtuments -3 Nos	0.20

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
3	Standardization of diagnostic methods for testing of genetic purity of seeds and seed Health (New project, project period is 3yrs, Proposed total project cost is Rs.2.00 crs)	0.70	0.35	The Tender process is under progress	0.35
4	Development of Sustainable Pilot Model Seed Platform (New project, project period is 3yrs, Proposed total project cost is Rs.3.06 crs)	0.81	0.30	Work under progress	0.30
5	Development of nanoparticle-based DSRNA delivery system to manipulation of specific traits in plants (New project, project period is 3yrs, Proposed total project cost is Rs.0.61 crs)	0.45	0.32	Tender under process	0.32
	UAS Bangalore total (5 Projects)	3.07	1.54		1.54 (100%)
VII	University of Agricultural Sciences, Dharwad				
1	Rhizosphere engineering to invigorate the farm lands through endophytic/ associative microbes as colonizing biophores(New project, project period is 3yrs, Proposed total project cost is Rs.1.99 crs)	1.45	0.80		0.80
2	Molecular breeding for in groundnut and linseed (New project, project period is 1yr, Proposed total project cost is Rs.1.30 crs)	0.99	0.60		0.60
3	Exploration of Halophytes and salt resistance genes for Bio-amelioration of salt affected soils. (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.60	0.31		0.31
4	Genetic Enhancement for disease resistance in Pigeon Pea and Moisture Stress Resistance in Rabi Sorghum through Molecular Breeding (New project, project period is 3yrs, Proposed total project cost is Rs.1.77 crs)	0.92	0.50	4	0.50

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
5	Molecular breeding and genetic enhancement in breaking yield barriers in Pulses (New project, project period is 2yrs, Proposed total project cost is Rs.2.72 crs)	2.45	1.00	5	1.00
	UAS Dharwad total (5 Projects)	6.41	3.21		3.21 (100%)
VIII	University of Agricultural Sciences, Raichur				
1	Radiation Technology (SIT) for management of pink bollworm as an integral component of cotton IPM (New project, project period is 3yrs, Proposed total project cost is Rs.1.09 crs)	0.56	0.28		0.28
2	Green Synthesis and Characterization of Nano Pesticide for Enhancing the Quality of Agricultural Produce (New project, project period is 2yrs, Proposed total project cost is Rs.2.72 crs)	1.73	0.85		0.85
3	Mechanization of selected farm operations through drones and other remote controlled on-farm equipment (New project, project period is 3yrs, Proposed total project cost is Rs.2.18 crs)	0.96	0.48		0.48
4	Strengthening of Food Quality Testing Laboratory by Establishing Food Microbiology Laboratory (New project, project period is 2yrs, Proposed total project cost is Rs.2.06 crs)	0.81	0.41		0.41
5	Determination of quality of pesticide formulation at Hyderabad-Karnataka region. (New project, project period is 3yrs, Proposed total project cost is Rs.2.01 crs)	0.90	0.46		0.46
	UAS Raichur total (5 Projects)	4.96	2.48		2.48
IX	UAHS, Shivamogga				
1	Establishment of Pesticide Residue Testing Laboratory for Monitoring and Assuring Quality of Soil, Water and Food (New project period is 1 yr, Proposed total project cost is Rs.2.50 crs) project,	2.00	1.00		1.00

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
2	Centre of Excellence for Diagnosis of Plant Diseases and Pests (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.80	0.40		0.40
3	Climate Resilience through Demonstration of Climate Smart Farming Practices. (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.92	0.46		0.46
4	Establishment of Hydroponic Fodder Production Technology units (New project, project period is 1yr, Proposed total project cost is Rs.1.00 crs)	1.00	0.50		0.50
5	Large scale Multiplication of Elite Horticultural Planting Materials. (New project), project period is 1yr, Proposed total project cost is Rs.1.00 crs)	1.00	0.50		0.50
6	Standardizing the Use of Robotics for Spraying/ Release of Parasites, Predators, Entomopathogens and Chemicals for Management of Insect Pests and Diseases of High Canopy Plantation Crops (New project, project period is 1yr, Proposed total project cost is Rs.1.00 crs)	0.70	0.35		0.35
	UAHS Shimoga total(6 Projects)	6.42	3.21		3.21 (100%)
X	UHS, Bagalkote				
1	Development of certification protocols for planting materials of Horticultural origin. (New project, project period is 3 yrs, Proposed total project cost is Rs.1.03 crs)	0.42	0.20		0.20
2	Distillation and Value Addition to Promote Menthol Mint Cultivation. (New project, project period is 2yrs, Proposed total project cost is Rs.0.47 crs)	0.40	0.20		0.20
3	Establishment of Bio Control Laboratories for Organic Production of Horticultural Crops. (New project, project period is 3yrs, Proposed total project cost is Rs.0.97 crs)	0.60	0.30		0.30

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
4	Biological control of root knot nematode in pomegranate (<i>Punica grantum</i> L.): Development of Bio-formulation product (New project, project period is 4yrs, Proposed total project cost is Rs.1.77 crs)	0.56	0.30		0.30
5	Development of Organic Packages to mitigate a biotic stress in Horticulture crops. Pink Pigmented Facultative Methyitrophs (PPFM) (New project, project period is 4yrs, Proposed total project cost is Rs.0.49 crs)	0.08	0.03		0.03
	UHS Bagalkote total: Rs.2.06 crores (5 Projects)	2.06	1.03		1.03 (100%)
XI	Karnataka State Seed Corporation(KSSC)				
1	Strengthening of Infrastructure Facilities for Seed Processing and Scientific Seed Storage. (On-going Project)	20.50	10.38		10.38
2	Continuous Development of Bt cotton Hybrids using diverse germplasm from State Agriculture Universities (SAUs), maintenance, supply and popularization through Karnataka State Seeds corporation (KSSC) (New Project)	0.25	0.00		0.00
	KSSC total (total projects 2)	20.75	10.38		10.38
XII	Karnataka Seeds and Organic Certification Agency(KSSOCA)				
1	Construction of Quality Control Divisional Level Seed Growers/Producers/ Organic Farmers/ Stakeholders training Centres of Karnataka State Seed and Organic Certification Agency (KSSOCA) (New Project)	3.00	1.50		1.50
XIII	Tur Board, Gulbarga				
1	Devp. of silo structure for hygienic and long term storage of pulses	3.00	0.83		0.83
	Tur Board Total (1 projects)	3.00	0.83		0.83

Sl. No	Project Name	Appvd. Project Cost	1st Installment Release	Physical Progress	Financial Progress
XIV	Karnataka State Warehousing Corporation				
1	Construction of scientific warehouses and providing basic infrastructure facilities to existing warehouses at various centres in the state (On-going Project)	32.61	25.32	Works under progress	25.32
XV	Watershed Development Department				
1	Public Private Partnership for Integrated Agriculture Development (New Project)	6.00	0.00		0.00
2	Construction of Check Dams in Watershed areas (New Project)	61.31	17.15		2.70
	WDD Total (2 projects)	67.31	17.15		2.70 (15.74 %)
XVI	Karnataka Agricultural Produce and Processing Export Corporation (KAPPEC)				
1	Establishment of Warehouse Facility at Gadag (New Project)	7.35	3.67		3.67
2	Establishment of cold chain facility with hot water treatment at Poojenahalli Horticulture farm Devanahalli (New Project)	22.00	11.00		11.00
3	Establishment of hot water treatment plant for mango at Hubli, Humanabad, Gadag	0.65	0.33		0.33
	KAPPEC total crores (3 Projects)	30.00	15.00		15.00 (100%)

ANNEXURE-III

List of Project proposals approved as per GOI allocation of Rs.397.71 crores(Main List)

Sl. No	Project Name	Rs.in crores Cost of the project
I	Agriculture Department	
1	Bhoo Chetana (II phase) (On-going project)	27.95
2	Bhoo Samvrudhi (II phase)(On-going project)	5.35
3	Integrated Genomics assisted breeding for efficient development of superior finger millet varieties (On-going project)	3.54
4	Integrated Farmers call center (New project)	3.50
5	IT initiatives in Dept. of Agriculture(New project)	2.50
6	Designing of Sorghum Harvester and fine tuning of millets processing machine (IIMR) (New project)	0.50
7	Strengthening of Seed farms (On-going project)	10.00
8	Construction of RSK buildings	16.74
9	PPP model for production of Bio-control agents	2.00
	Dept. Total (8 projects)	72.08
II	DEPARTMENT OF HORTICULTURE	
1	Integrated Development of Scientific Bee Keeping (New project)	1.92
2	Development of Departmental laboratories (On-going project)	12.38
3	Strengthening of Parasite Production Laboratories in Karnataka	1.00
4	Adoption of Good management practices- Rejuvenation in Coconut and Mango Garden (Ongoing project)	1.98
5	Strengthening of center of Excellence for Floriculture” Located at Tunga Horticulture Farm Shivamogga (On-going project)	1.00
6	Computerization of Horticulture Dept. (On-going project)	3.74
7	Center of Excellence for protected cultivation, Somanahalli Kavel, Hassan (New project)	2.01
8	Public Private Partnership For Integrated Horticulture Development (On-going project)	6.00
9	Development and maintenance of Farmer Producer Organization (On-going project)	3.30
10	Incentives for Post-Harvest Management Activities in Horticulture On-going project)	3.00
11	Up-gradation of Horticultural Training Centers in Karnataka (On-going project)	0.50

Sl. No	Project Name	Cost of the project
12	Strengthening of Center of Excellence at Maddur (On-going project)	0.85
13	Precision Farming in Mango, Banana, Payaya, Pomegranate, Grapes for SC&ST farmers (On-going project)	4.00
14	Strengthening of Skill Imparting Training Programmes at Biocentre, Hulimavu (New project)	1.03
	Dept. Total:(14 projects)	42.71
III	ANIMAL HUSBANDRY	
1	Strengthening of Farmers Training Centre and Creation of Infrastructure for skill development	
	a) Creation of infrastructure for training facility for farmers at Hassan (Ongoing project)	1.00
	b]Creation of infrastructure for training facility for farmers and Veterinary Livestock Assistance training Centre at Belgavi (New Project)	1.50
	Project Total	2.50
2	Comprehensive Poultry Development Programme	
	a] Establishment and Modernization of fully automated breeding and rearing sheds in departmental farms (New project) - Hessarghatta Rs.58.00 lakhs, Dharwad Rs.50.00 lakh, Malavalli Rs.92.00 lakh	1.35
	b] Establishment of Regional Poultry Breeding and Training Center, Kurikuppe (Ongoing project)	2.30
	c] Establishment of Backyard Poultry Breeding Centre in Mokali Village, Arkalgud Taluk, Hassan District (New project)	2.50
	e] Establishment of Commercial Layer Farms & Commercial Broiler Farms in Clusters(New project)	2.00
	Project Total	8.15
3	Fodder Development Programme	
	a] Supply of Post Harvest Equipments(Chaff Cutters) of 1HP,2HP,3HP at 50% subsidy(On-going project)	1.00
	d] Establishment of Silage production units on large scale in Departmental livestock farms on PPP mode. (New project)	1.00
	Project total	2.00
4	Comprehensive Development of sheep and Goat in Karnataka	
	a] Establishment of Goat farms for milk production of Marketing Infrastructure of include goat milk procurement (Ongoing project)	1.80
	b] Comprehensive Sheep and Goat Development in the State by Induction of Sheep and Goat Units (100+5) under RKVY 2016-17 by KSWDCL (New project)	3.00

Sl. No	Project Name	Cost of the project
	c] Establishment of multipurpose Ambulatory clinic in 8 districts.	0.80
	d] Supply of shearing machine to district offices of KSWDCL	1.50
	Project Total	7.10
5	Research and Extension Projects of Veterinary University.	
	a] Establishment of Centre of Excellence for transfer of technology in animal production (Hassan/Konehally Campus) (Ongoing project)	1.60
	b] Establishment of Centre of Excellence for transfer of technology in animal production (Shiggaon Campus, Havery Dist) (Ongoing project)	1.57
	c] Study of Antimicrobial resistance in Bovine Subclinical Mastitis pathogens in selected district to reduce its occurrence and improve economical status of farmers(New project)	1.20
	d] Establishment of Meat Processing Centre for Value Addition of Meat(New project)	1.10
	Proeject Total	5.47
6	Dairy and Dairy Infrastructure Development in Karnataka	
	a] Establishment of Flexy Pack Unit at Belgaum milk union (Ongoing project)	2.06
	b] Establishment of UHT in Flexy Pack Unit at Bellary, Raichur, and Koppal milk union (Ongoing project)	4.00
	c] Establishment of Flexy Pack Unit at Tumkur for Milk Unions(Ongoing project)	2.00
	d] 100 MDPD Capacity Milk Powder Plant with 12 LLPD capacity Liqueid Milk Processing Unit at Kanva, Chennapattana Taluk	9.68
	Project Total	17.74
7	Strengthening Animal Health, Animal Breeding and Extension Services in Karnataka	
	a] Strengthening of diseases diagnosis infrastructure by supply of Digital WBC analyser and HB analyser and Large animal ultrasound scanning mechine for spot disease dignosis to all 30 district polyclinics and 176 Mobile Veterinary Clinics (New project)	5.86
8	Strengthening Frozen Semen Production Centers and Livestock breeding farms for genetic upgradation.	
	a] Existing Frozen Semen Production Centers at State Livestock Breeding and Training Center, Hessaraghatta. (New project)	4.00
	b] State Semen Production Center, Hessaraghatta(New project)	1.50
	c] Strengthening of Livestock Breeding Farm, Munirabad for genetic upgradation (New project)	1.00
	Project cost	6.50

		Rs.in crores
Sl. No	Project Name	Cost of the project
9	Piggery Development Programme	
	a] Strengthening of existing piggery farms at Hesaraghatta farm (Ongoing project)	1.46
	Project cost	1.46
10	Strengthening of Animal Health, Animal Breeding and Extension Services in Karnataka .	
	a] Upgradation of quality control labs for creation of Animal Challenge facility as per G.M.P norms(Ongoing project)	2.50
	b] Establishment of Veterinary Forensic Lab (Ongoing project)	2.34
	c] Establishment and upgradation and Modification of FMD Lab(New project)	2.00
	Project cost	6.84
11	Pashu Bhagya :- Animal Induction Programme for Milk and Meat Production at 50% for SC/ST and 25 % subsidy for others.	
	a] Pashu Bhagya :- i] Dairy Animal Induction unit at Rs.1.20 lakhs (Ongoing project)	25.00
	b] Sheep and Goat Induction 10+1 unit Rs.67440/- (Ongoing project)	2.00
	c] Pig 3+1 or 10 pigletes fattening (Ongoing project)	0.50
	d] Establishment of 250 commercial layer unit/ 500 broiler units (Ongoing project)	1.00
	Project Total	28.50
12	Cluster based Integrated Farming System with backward and forward linkages in 193 Gram Panchayaths for animal induction for economic sustainability for farmers. (New project)	6.98
	Animal Husbandry Total (12 project)	99.10
IV	FISHERIES	
1	Upgradation of Fish Seed Production Farms in Karnataka (On-going project)	1.20
2	Reservoir Fisheries Development through Stocking of fish fingerlings (On-going project)	0.54
3	Assistance for supply of fishery requisites to fishermen for increasing the fish production (Ongoing project)	0.50
4	Special Development Plan (On-going project)	0.40
5	Seabass cage culture in Coastal Karnataka (New project)	0.61
6	Demonstration of utilization of saline, alkaline and waterlogged areas for fish culture in Cauvery, Tungabhadra and Krishna command areas (New project)	0.41
	Fisheries Total (total projects 6)	3.66

		Rs.in crores
Sl. No	Project Name	Cost of the project
V	SERICULTURE DEPARTMENT	
1	Package for enhancement of soil health –for quality and productivity (On -going Project)	4.00
2	Assistance for trenching /mulching in mulberry gardens for seed farmers .-BV /MSC and bivoltine hybrid farmers (On-going Project)	2.00
3	Development of package of practices for tree mulberry cultivation and its popularization (KSSRDI) (New Project)	0.35
4	Assistance for providing disinfection, fogger and cooler units to stabplize the cocoon crops(New Project)	1.06
5	Supply of bamboo Mountages (chandrikes) for Mysore seed area rearers (On -going Project)	0.40
6	Providing Assistance for DRUMKIT/ AMIT Technology (New Project)	0.38
7	Providing DX-type refrigeration systems(cold rooms) to Government model grainages at Chadalpura, Chithradhurga and Sulibele for reservation of male moths and long term preservation of silk worm DFLs (Hibernation) (New project)	1.75
	Sericulture total (Total projects 8)	9.94
VI	DEPARTMENT OF AGRICULTURE MARKETING	
1	Development of Covered auction platforms, and Sunday markets in selected APMCS of Karnataka State (New project)	25.00
VII	UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU	
1	Establishment of molecular diagnostic laboratory for detection of plant pathogens (New project) project period is 3yrs, Proposed total project cost is Rs.0.75crs)	0.61
2	Subsoil manuring for enhancing crop productivity in rainfed farming regions of Southern Karnataka (New project, project period is 3yrs, Proposed total project cost is Rs.0.82 crs)	0.50
3	Standardization of diagnostic methods for testing of genetic purity of seeds and seed Health (New project, project period is 3yrs, Proposed total project cost is Rs.2.00 crs)	0.70
4	Development of Sustainable Pilot Model Seed Platform (New project, project period is 3yrs, Proposed total project cost is Rs.3.06 crs)	0.81
5	Development of nanoparticle-based DSRNA delivery system to manipulation of specific traits in plants (New project, project period is 3yrs, Proposed total project cost is Rs.0.61 crs)	0.45
	UAS Banalore total (5 Projects)	3.07

		Rs.in crores
Sl. No	Project Name	Cost of the project
VIII	UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD	
1	Rhizosphere engineering to invigorate the farm lands through endophytic/ associative microbes as colonizing biophores(New project, project period is 3yrs, Proposed total project cost is Rs.1.99 crs)	1.45
2	Molecular breeding for in groundnut and linseed (New project, project period is 1yr, Proposed total project cost is Rs.1.30 crs)	0.99
3	Exploration of Halophytes and salt resistance genes for Bio-amelioration of salt affected soils. (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.6
4	Genetic Enhancement for disease resistance in Pigeon Pea and Moisture Stress Resistance in Rabi Sorghum through Molecular Breeding (New project, project period is 3yrs, Proposed total project cost is Rs.1.77 crs)	0.92
5	Molecular breeding and genetic enhancement in breaking yield barriers in Pulses (New project, project period is 2yrs, Proposed total project cost is Rs.2.72 crs)	1.45
6	Enhancing water use efficiency using Micro Irrigation system in major corps in Mallaprabha left bank canal of command areas of northern Karnataka	1.00
	UAS Dharwad total (5 Projects)	6.41
IX	UNIVERSITY OF AGRICULTURAL SCIENCES, RAICHUR	
1	Radiation Technology (SIT) for management of pink bollworm as an integral component of cotton IPM (New project, project period is 3yrs, Proposed total project cost is Rs.1.09 crs)	0.56
2	Green Synthesis and Characterization of Nano Pesticide for Enhancing the Quality of Agricultural Produce (New project, project period is 2yrs, Proposed total project cost is Rs.2.72 crs)	1.73
3	Mechanization of selected farm operations through drones and other remote controlled on-farm equipment (New project, project period is 3yrs, Proposed total project cost is Rs.2.18 crs)	0.96
4	Strengthening of Food Quality Testing Laboratory by Establishing Food Microbiology Laboratory (New project, project period is 2yrs, Proposed total project cost is Rs.2.06 crs)	0.81
5	Determination of quality of pesticide formulation at Hyderabad-Karnataka region. (New project, project period is 3yrs, Proposed total project cost is Rs.2.01 crs)	0.90
	UAS Raichur total (5 Projects)	4.95

		Rs.in crores
Sl. No	Project Name	Cost of the project
X	UNIVERSITY OF AGRICULTURAL AND HORTICULTURAL SCIENCES, SHIVAMOGGA	
1	Establishment of Pesticide Residue Testing Laboratory for Monitoring and Assuring Quality of Soil, Water and Food (New project period is 1 yr, Proposed total project cost is Rs.2.50 crs) project,	2.00
2	Centre of Excellence for Diagnosis of Plant Diseases and Pests (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.80
3	Climate Resilience through Demonstration of Climate Smart Farming Practices. (New project, project period is 2yrs, Proposed total project cost is Rs.1.50 crs)	0.92
4	Establishment of Hydroponic Fodder Production Technology units (New project, project period is 1yr, Proposed total project cost is Rs.1.00 crs)	1.00
5	Large scale Multiplication of Elite Horticultural Planting Materials. (New project), project period is 1yr, Proposed total project cost is Rs.1.00 crs)	1.00
6	Standardizing the Use of Robotics for Spraying/ Release of Parasites, Predators, Entomopathogens and Chemicals for Management of Insect Pests and Diseases of High Canopy Plantation Crops (New project, project period is 1yr, Proposed total project cost is Rs.1.00 crs)	0.70
	UAHS Shimoga total(6 Projects)	6.42
XI	UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOTE	
1	Development of certification protocols for planting materials of Horticultural origin. (New project, project period is 3 yrs, Proposed total project cost is Rs.1.03 crs)	0.42
2	Distillation and Value Addition to Promote Menthol Mint Cultivation. (New project, project period is 2yrs, Proposed total project cost is Rs.0.47 crs)	0.40
3	Establishment of Bio Control Laboratories for Organic Production of Horticultural Crops. (New project, project period is 3yrs, Proposed total project cost is Rs.0.97 crs)	0.60
4	Biological control of root knot nematode in pomegranate (Punica granatum L.): Development of Bio-formulation product (New project, project period is 4yrs, Proposed total project cost is Rs.1.77 crs)	0.56
5	Development of Organic Packages to mitigate a biotic stress in Horticulture crops. Pink Pigmented Facultative Methyloitrophs (PPFM) (New project, project period is 4yrs, Proposed total project cost is Rs.0.49 crs)	0.08
	UHS Bagalkote total: Rs.2.06 crores (5 Projects)	2.06

		Rs.in crores
Sl. No	Project Name	Cost of the project
XI	KARNATAKA STATE SEED CORPORATION(KSSC)	
1	Strengthening of Infrastructure Facilities for Seed Processing and Scientific Seed Storage. (On-going Project)	20.50
2	Continuous Development of Bt cotton Hybrids using diverse germplasm from State Agriculture Universities (SAUs), maintenance, supply and popularization through Karnataka State Seeds corporation (KSSC) (New Project)	0.25
	KSSC total (total projects 2)	20.75
XII	KARNATAKA SEEDS AND ORGANIC CERTIFICATION AGENCY(KSSOCA)	
80	Construction of Quality Control Divisional Level Seed Growers/Producers/ Organic Farmers/ Stakeholders training Centres of Karnataka State Seed and Organic Certification Agency (KSSOCA) (New Project)	3.00
XIV	TUR BOARD, GULBARGA	
1	Devp. of silo structure for hygienic and long term storage of pulses	1.66
XV	KARNATAKA AGRICULTURAL PRODUCE AND PROCESSING EXPORT CORPORATION (KAPPEC)	
1	Establishment of Warehouse Facility at Gadag (New Project)	7.35
2	Establishment of cold chain facility with hot water treatment at Poojenahalli Horticulture farm Devanahalli (New Project)	22.00
3	Establishment of hot water treatment plant for mango at Hubli, Humanabad, Gadag	0.65
	KAPPEC total crores(3 Projects)	30.00
XVI	WATERSHED DEVELOPMENT DEPARTMENT	
1	Public Private Partnership for Integrated Agriculture Development (New Project)	6.00
2	Construction of Check Dams in Watershed areas (New Project)	28.29
	WDD Total (2 projects)	34.29
XVII	KARNATAKA STATE WAREHOUSING CORPORATION	
1	Construction of scientific warehouses and providing basic infrastructure facilities to existing warehouses at various centers in the state (On-going Project)	32.61
	Grand Total	397.71

ANNEXURE-IV

**Reserved list of projects in addition to main list (Rs.397.71 + Rs.94.32 crores
= Rs.492.03 crores)**

Sl. No	Project Name	Rs.in crores
I	AGRICULTURE DEPARTMENT	
1	Construction of RSK Godowns	23.26
2	Community Micro Irrigation Tanks in tanks filled with treated water	5.00
	Dept. Total (2 projects)	28.26
II	HORTICULTURE DEPARTMENT	
1	Integrated Development of Scientific Bee Keeping (New project)	1.00
2	Center of Excellence for protected cultivation, Somanahalli Kavel, Hassan (New project)	1.00
3	Public Private Partnership For Integrated Horticulture Development (On-going project)	9.00
4	Development and maintenance of Farmer Producer Organization (On-going project)	3.00
5	Incentives for Post-Harvest Management Activities in Horticulture (On-going project)	2.00
6	Up-gradation of Horticultural Training Centers in Karnataka (On-going project)	0.50
	Dept. Total:(6 projects)	16.50
III	ANIMAL HUSBANDRY	
1	Strengthening of Farmers Training Centre and Creation of Infrastructure for skill development	
	b) Creation of infrastructure for training of farmers in Piggery, Rabbit rearing at Hesaraghatta training Center at LBF, Hesaraghatta (New project)	1.80
	Project Total	1.80
2	Comprehensive Poultry Development Programme	
	Establishment of Backyard poultry breeding centre in Kesartagi Village of Kalburgi Taluk and Kalburgi District.	2.50
	Project Total	2.50
3	Fodder Development Programme	
	Fodder production Infrastructure at Livestock breeding farm Kudige	1.00
	b) Fodder Seed production Infrastructure at Khillar Cattle Breeding Farm, Bankapur	0.75
	Project total	1.75

Sl. No	Project Name	Cost of the project
4	Strengthening Frozen Semen Production Centers and Livestock breeding farms for genetic upgradation.	
	a)Seemen production centre LBTC, Dharwad.	0.75
	b) Strengthening of Buffalo Bull mother farm, Tegur for Genetic upgradation	0.75
	Project cost	1.50
5	Piggery Development Programme	
	a)Strengthening of existing piggery farm, Kalasa, Chikkamagaluru District.	1.03
	b)Strengthening of existing piggery farm, Koila, Dakshina kannada District.	0.72
	Project cost	1.75
	Animal Husbandry Total (5 project)	9.30
IV	FISHERIES	
1	Upgradation of Fish Seed Production Farms in Karnataka (On-going project)	0.40
2	Reservoir Fisheries Development through Stocking of fish fingerlings (On-going project)	0.46
3	Assistance for supply of fishery requisites to fishermen for increasing the fish production (Ongoing project)	2.10
	Fisheries Total (total projects 3)	2.96
V	SERICULTURE DEPARTMENT	
1	Assistance for providing disinfection, fogger and cooler units to stablize the cocoon crops(New Project)	2.94
	Sericulture total (Total projects 1)	2.94
VI	WATERSHED DEVELOPMENT DEPARTMENT	
1	Construction of Check Dams in Watershed areas (New Project)	33.02
	WDD Total (1 projects)	33.02
VII	TUR BOARD, GULBARGA	
1	Devp. of silo structure for hygienic and long term storage of pulses	1.34
	Tur Board Total (1 Project)	1.34
	Grand Total	94.32

ANNEXURE -V

List of Projects for balance State Budget allocation(Additional List)

Rs.in crores

Sl. No	Project title	Project cost
I Horticulture Dept.		
1	Assistance for purchase of water tanker	7.98
Horti total		7.98
II UAS, Bangalore		
1	Value Chain Development of Selected Agricultural and Horticultural products and Linking Farmer's to Market to Double Farmers income (Formation of FPOs)	0.50
2	Central of Excellence for Small Millets	0.35
Total		0.85
III UAS Dharwad		
1	Production, distribution and popularization of bio-agents (Bio-fertilizers and Bio-pesticides) to targeted group of SC/ST beneficiaries coming under the jurisdiction of UAS, Dharwad	2.72
2	Application of green silica based nano particles in agriculture.	1.50
3	Establishment of incubation of centre for Food Processing at UAS, Dharwad	0.20
4	Strengthening, Design and Evaluation of low cost indigenous Aeroponics system and Hydroponics Unit.	1.50
UAS Dharwad total		5.92
IV UHS Bagalkote		
1	Establishment of Centre for Research and Development on potato & sweet potato	12.00
2	Pilot system Development and database generation for tomato and onion and its utilization for Govt. programmes in Karnataka.	0.50
UHS Bagalkote total		12.50
Grand total		27.25

- Based on availability of additional funds and GOI/ICAR observations funding for these projects shall be considered