

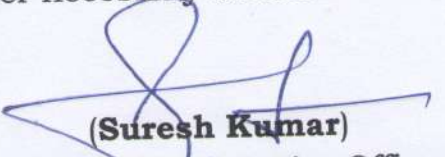
**ICAR-Central Sheep and Wool Research Institute, Avikanagar
Tehsil-Malpura, Distt. – Tonk, Rajasthan – 304501**

F.No. 7(7)E.III/77/Vol.XI/12955

Date : 19.12.2019

Endorsement

The Council's letter No. AS 18/5/2019-IA-1 dated 9th December 2019 received from Jayanta Das, Under Secretary (Animal Science) regarding SFC (2017-20) sanction in respect of thematic area "Small Ruminants Production and Technology" for Revised Cost Estimates (RCE) 2017-20 is forwarded to the following for information, guidance and further necessary action.


(Suresh Kumar)
Chief Administrative Officer

Distribution-

1. All Head of Division/ Section In Charges at the main Institute
2. ARC-Bikaner/NTRS-Garsa/SRRC-Mannavanur
3. I/c AKMU for uploading on Institute website



भारतीय कृषि अनुसंधान परिषद
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
कृषि भवन, डॉ राजेंद्र प्रसाद रोड, नई दिल्ली -110001
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi 110 001

F.No. AS 18/5/2019-IA-1

Dated the 9th December 2019

To

- 1. The Director**
Central Sheep & Wool Research Institute
Avikanagar - 304 501
Rajasthan
- 2. The Director**
Central Institute for Research on Goats
Makhdoom, Farah, Mathura
Uttar Pradesh

Subject- **SFC (2017-20) sanction in respect of thematic area "Small Ruminants Production and Technology" for Revised Cost Estimates (RCE) 2017-20**

Sir,

I am directed to forward herewith a copy of the administrative approval issued by the Department of Agricultural Research and Education (DARE) vide their letter of even number dated the 9th December 2019 (**Annexure-A**) and to convey the sanction of Indian Council of Agricultural Research to the Scheme entitled "**Small Ruminants Production and Technology**" for revised RCE 2017-20 details of which are as given below:

SN	Name of the Scheme	Total Outlay approved
I	Central Sheep and Wool Research Institute (CSWRI), Avikanagar	Rs. 2337.23 lakh (Rupees Two thousand three hundred thirty-seven lakh and twenty three thousand only)
II	Network Project on Sheep Improvement	Rs.787.38 lakh (Rupees Seven hundred and eighty-seven lakh and thirty-eight thousand only) as ICAR share and Rs.138.35 (Rupees One hundred thirty-eight lakh and thirty five thousand only)
III.	Mega Sheep Seed Project	Rs.489.62 lakh (Rupees Four hundred eighty nine lakh and sixty two thousand only)
IV.	Central Institute for Research on Goats (CIRG)	Rs.1088.84 lakh (Rupees One thousand and eighty eight lakh and eighty four thousand only)
V.	AICRP on Goat Improvement	Rs.1561.36 lakh (Rupees One thousand five hundred sixty one lakh and thirty six thousand only) as ICAR share and Rs.336.62 (Rupees Three hundred and thirty six lakh and sixty two thousand only)
	Total	Rs.6264.43 lakh (Rupees Six thousand two hundred sixty four lakh and forty three thousand only) as ICAR share and 474.97 lakh (Rupees Four hundred and seventy four lakh and ninety seven thousand only) as State share

Scheme wise details of the allocations are as below:

Part A: Main Scheme – CSWRI, Avikanagar

The Competent Authority has approved the revised total outlay of Rs. 2337.23 lakh (Rupees Two thousand three hundred thirty seven lakh and twenty three thousand only) for main scheme CSWRI, Avikanagar as detailed below:-

S. No	Head	SFC approved (2017-20)	2017-18	2018-19	2019-20	ICAR share	State Share	Total
			Expenditure incurred	Expenditure incurred	BE			
A	Grants for creation of Capital Assets (CAPITAL)							
1	Works							
	a) Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(i) Office building	250.50	71.98	140.03	10.00	222.01	0.00	222.01
	(ii) Residential building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(iii) Minor works	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Equipment	232.20	41.74	44.97	93.00	179.71	0.00	179.71
3	Information Technology	30.00	9.84	5.90	10.00	25.74	0.00	25.74
4	Library books & Journals	9.00	0.72	0.85	2.00	3.57	0.00	3.57
5	Vehicle & Vessels	0.00	0.00	0.00	12.00	12.00	0.00	12.00
6	Livestock	14.00	1.77	5.00	7.00	13.77	0.00	13.77
7	Furniture & Fixtures	34.70	8.55	10.25	15.00	33.80	0.00	33.80
8	Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Capital	570.40	134.60	207.00	149.00	490.60	0.00	490.60
B	Grant-in-aid: General (REVENUE)							
1	Establishment expenses							
	Salaries	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Establishment	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Traveling allowances							
	a) Domestic TA/Transfer	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Foreign TA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Traveling Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Research & Operational							
	a) Research Expenses	905.00	256.90	245.00	300.00	801.90	0.00	801.90
	b) Operational Expenses	909.00	191.10	198.00	300.00	689.10	0.00	689.10
	Total Research &	1814.00	448.00	443.00	600.00	1491.00	0.00	1491.0
4	Miscellaneous expenses							
	A. HRD							
	a) Within India	18.30	4.43	3.00	5.00	12.43	0.00	12.43
	b) Abroad	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	B. Other items (Fellowship,	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	C. Publicity and Exhibitions	27.00	2.98	7.50	10.00	20.48	0.00	20.48
	Total Miscellaneous	45.30	7.41	10.50	15.00	32.91	0.00	32.91
	Total Revenue (B)	1859.30	455.41	453.50	615.00	1523.91	0.00	1523.9
	Grand Total (A+B)	2429.70	590.01	660.50	764.00	2014.51	0.00	2014.5
	NEH							
	a) Capital	2.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Revenue	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub Total	2.00	0.00	0.00	0.00	0.00	0.00	0.00
	TSP							
	a) Capital	1.30	0.00	0.00	1.00	1.00	0.00	1.00
	b) Revenue	12.00	3.70	30.00	52.50	86.20	0.00	86.20
	Sub Total	13.30	3.70	30.00	53.50	87.20	0.00	87.20
	SCSP							
	a) Capital	0.00	0.00	17.54	20.00	37.54	0.00	37.54
	b) Revenue	0.00	0.00	97.98	100.00	197.98	0.00	197.98
	Sub Total	0.00	0.00	115.52	120.00	235.52	0.00	235.52
	i. Grand Total (Capital)	573.70	134.60	224.54	170.00	529.14	0.00	529.14
	ii. Grand Total (Revenue)	1871.30	459.11	581.48	767.50	1808.09	0.00	1808.09
	Grand Total including NEH, TSP and SCSP	2445.00	593.71	806.02	937.50	2337.23	0.00	2337.23

Part B: Sub Schemes – Network Project on Sheep Improvement, Avikanagar

The Competent Authority has approved the revised total outlay of Rs.787.38 lakh (Rupees Seven hundred and eighty seven lakh and thirty eight thousand only) as ICAR share and Rs.138.35 (Rupees One hundred thirty eight lakh and thirty five thousand only) for Sub Schemes – Network Project on Sheep Improvement as detailed below:-

S. No	Head	SFC approved (2017-20)	2017-18	2018-19	2019-20	ICAR share	State Share	Total
			Expenditure incurred	Expenditure incurred	BE			
A	Grants for creation of Capital Assets (CAPITAL)							
1	Works							
	a) Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(i) Office building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(ii) Residential building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(iii) Minor works	5.25	0.00	0.00	0.00	0.00	0.75	0.75
2	Equipment	40.60	0.00	14.75	22.25	37.00	5.50	42.50
3	Information Technology	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Library books & Journals	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Vehicle & Vessels (on replacement basis)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Livestock	20.75	3.30	5.25	8.75	17.30	4.25	21.55
7	Furniture & Fixtures	1.00	0.00	0.00	1.00	1.00	0.00	1.00
8	Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Capital	67.60	3.30	20.00	32.00	55.30	10.5	65.80
B	Grant-in-aid: General (REVENUE)							
1	Establishment expenses							
	Salaries	209.35	98.00	51.95	55.84	205.79	69.75	275.54
	Total Establishment	209.35	98.00	51.95	55.84	205.79	69.75	275.54
2	Traveling allowances							
	a) Domestic TA/Transfer TA	5.75	2.75	0.82	1.00	4.57	1.92	6.49
	b) Foreign TA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Traveling Allowances	5.75	2.75	0.82	1.00	4.57	1.92	6.49
3	Research & Operational Expenses							
	a) Research Expenses	84.45	14.54	29.84	30.60	74.98	11.23	86.21
	b) Operational Expenses	339.85	81.46	119.34	122.40	323.20	44.95	368.15
	Total Research &	424.30	96.00	149.18	153.00	398.18	56.18	454.36
4	Miscellaneous expenses							
	A. HRD							
	a) Within India	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Abroad	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	B. Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	C. Publicity and Exhibitions	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Miscellaneous	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Revenue (B)	639.40	196.75	201.95	209.84	608.54	127.85	736.39
	Grand Total (A+B)	707.00	200.05	221.95	241.84	663.84	138.35	802.19
	NEH							
	a) Capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Revenue	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TSP							
	a) Capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Revenue	0.00	0.00	40.00	43.00	83.00	0.00	83.00
	Sub Total	0.00	0.00	40.00	43.00	83.00	0.00	83.00
	SCSP							
	a) Capital	0.00	0.00	2.09	0.00	2.09	0.00	2.09
	b) Revenue	0.00	0.00	17.45	21.00	38.45	0.00	38.45
	Sub Total	0.00	0.00	19.54	21.00	40.54	0.00	40.54
	i. Grand Total (Capital) including	67.60	3.30	22.09	32.00	57.39	10.50	67.89
	ii. Grand Total (Revenue) including	639.40	196.75	259.40	273.84	729.99	127.85	857.84
	Grand Total including NEH, TSP and SCSP	707.00	200.05	281.49	305.84	787.38	138.35	925.73

Part C: Sub Scheme – Mega Sheep Seed Project, Avikanagar

The CA has approved the revised total outlay of Rs 489.62 lakh (Rupees Four hundred eighty nine lakh and sixty two thousand only) for Sub Schemes – Sheep Seed Project as detailed below:

S. No	Head	SFC approved (2017-20)	2017-18	2018-19	2019-20	ICAR share	State Share	Total
			Expenditure incurred	Expenditure incurred	BE			
A	Grants for creation of Capital Assets (CAPITAL)							
1	Works							
	a) Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(i) Office building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(ii) Residential building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(iii) Minor works	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Information Technology	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Library books, journals	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Vehicle & Vessels	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Livestock	34.50	9.96	11.00	10.00	30.96	0.00	30.96
7	Furniture & Fixtures	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Capital	34.50	9.96	11.00	10.00	30.96	0.00	30.96
B	Grant-in-aid: General (REVENUE)							
1	Establishment exp.							
	Salaries	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Establishment	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Traveling allowances							
	a) Domestic TA/Transfer	15.00	2.17	2.45	4.00	8.62	0.00	8.62
	b) Foreign TA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Traveling allow	15.00	2.17	2.45	4.00	8.62	0.00	8.62
3	Research & Operational Expenses							
	a) Research Expenses	76.80	22.55	23.31	29.90	75.76	0.00	75.76
	b) Operational exp.	307.70	90.21	93.24	119.60	303.051	0.00	303.0
	Total Res & Op expenses	384.50	112.76	116.55	149.50	378.81	0.00	378.8
4	Miscellaneous expenses							
	A. HRD							
	a) Within India	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Abroad	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	B. Other items (Fellowship,	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	C. Publicity and Exhibitions	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Miscellaneous	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Revenue (B)	399.50	114.93	119.00	153.50	387.43	0.00	387.4
	Grand Total (A+B)	434.00	124.89	130.00	163.50	418.392	0.00	418.3
	NEH							
	a) Capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Revenue	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TSP							
	a) Capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Revenue	0.00	0.00	20.00	21.50	41.50	0.00	41.50
	Sub Total	0.00	0.00	20.00	21.50	41.50	0.00	41.50
	SCSP							
	a) Capital	0.00	0.00	1.39	0.00	1.39	0.00	1.39
	b) Revenue	0.00	0.00	11.34	17.00	28.34	0.00	28.34
	Sub Total	0.00	0.00	12.73	17.00	29.73	0.00	29.73
	i. Grand Total (Capital) including NEH, TSP & SCSP	34.50	9.96	12.39	10.00	32.35	0.00	32.35
	ii. Grand Total (Revenue) including	399.50	114.93	150.34	192.00	457.277	0.00	457.2
	Grand Total including NEH, TSP and SCSP	434.00	124.89	162.73	202.00	489.62	0.00	489.6

Part D: Main Scheme – Central Institute for Research on Goats, Makhdoom

The Competent Authority (CA) has approved total outlay of Rs 1088.84 lakh (Rupees One thousand and eighty eight lakh and eighty four thousand only) for Main Scheme – Central Institute for Research on Goats, Makhdoom as detailed below:-

S. No	Head	SFC approved (2017-20)	2017-18	2018-19	2019-20	ICAR share	State Share	Total
			Expenditure incurred	Expenditure incurred	BE			
A	Grants for creation of Capital Assets (CAPITAL)							
1	Works							
	a) Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(i) Office building	90.00	0.00	0.00	0.00	0.00	0.00	0.00
	(ii) Residential building	203.00	0.00	176.59	0.00	176.59	0.00	176.59
	(iii) Minor works	0.00	0.00	0.00	40.00	40.00	0.00	40.00
2	Equipment	72.00	14.81	25.47	15.00	55.28	0.00	55.28
3	Information Technology	15.00	6.38	4.95	24.00	35.33	0.00	35.33
4	Library books, journals	15.00	3.96	3.71	2.00	9.67	0.00	9.67
5	Vehicle & Vessels (on replacement basis)	0.00	0.00	0.00	35.00	35.00	0.00	35.00
6	Livestock	24.00	5.00	0.00	0.00	5.00	0.00	5.00
7	Furniture & Fixtures	12.00	2.58	4.55	10.00	17.13	0.00	17.13
8	Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Capital	431.00	32.73	215.27	126.00	374.00	0.00	374.00
B	Grant-in-aid: General (REVENUE)							
1	Establishment expenses							
	Salaries	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Establishment	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Travelling allowances							
	a) Domestic transfer TA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Foreign TA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Travelling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Research & Operational							
	a) Research Expenses	114.00	102.00	99.96	100.00	301.96	0.00	301.96
	b) Operational Expenses	425.00	62.75	77.98	120.00	260.73	0.00	260.73
	Total Research & Operational expenses	539.00	164.75	177.94	220.00	562.69	0.00	562.69
4	Miscellaneous expenses							
	A. HRD							
	a) Within India	18.00	5.85	4.99	3.00	13.84	0.00	13.84
	b) Abroad	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	B. Other items (Fellowship,	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	C. Publicity and Exhibitions	9.00	0.00	2.74	5.00	7.74	0.00	7.74
	Total Miscellaneous	27.00	5.85	7.73	8.00	21.58	0.00	21.58
	Total Revenue (B)	566.00	170.60	185.67	228.00	584.27	0.00	584.27
	Grand Total (A+B)	997.00	203.33	400.94	354.00	958.27	0.00	958.27
	NEH							
	a) Capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Revenue	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TSP							
	a) Capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Revenue	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SCSP							
	a) Capital	0	0.00	14.22	15.00	29.22	0.00	29.22
	b) Revenue	0	0.00	52.35	49.00	101.35	0.00	101.35
	Sub Total	0.00	0.00	66.57	64.00	130.57	0.00	130.57
	i. Grand Total (Capital) including	431.00	32.73	229.49	141.00	403.22	0.00	403.22
	ii. Grand Total (Revenue)	566.00	170.60	238.02	277.00	685.62	0.00	685.62
	Grand Total including NEH, TSP and SCSP	997.00	203.33	467.51	418.00	1088.84	0.00	1088.84

Part E: Sub Scheme –AICRP on Goat Improvement, Mathura

The CA has approved total outlay of Rs.1561.36 lakh (Rupees One thousand five hundred sixty one lakh and thirty six thousand only) as ICAR share and Rs 336.62 (Rupees Three hundred and thirty six lakh and sixty two thousand only) for Sub Schemes – AICRP on Goat Improvement, Mathura as detailed below:-

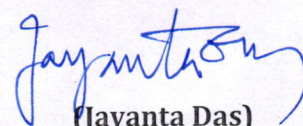
S. No.	Head	SFC approved (2017-20)	2017-18	2018-19	2019-20	ICAR share	State Share	Total
			Expenditure incurred	Expenditure incurred	BE			
A	Grants for creation of Capital Assets (CAPITAL)							
1	Works							
	a) Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(i) Office building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(ii) Residential building	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(iii) Minor works	114.38	35.00	35.30	29.00	99.30	16.89	116.19
2	Equipment	163.40	35.45	41.32	38.00	114.77	31.21	145.98
3	Information Technology	18.02	1.35	10.00	6.00	17.35	0.00	17.35
4	Library books & Journals	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Vehicle & Vessels	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Livestock	90.00	40.00	22.50	15.00	77.50	19.37	96.87
7	Furniture & Fixtures	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Others	33.00	10.00	9.64	12.00	31.64	5.85	37.49
	Total Capital	418.80	121.80	118.76	100.00	340.56	73.32	413.88
B	Grant-in-aid: General (REVENUE)							
1	Establishment expenses							
	Salaries	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Establishment expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Traveling allowances							
	a) Domestic TA/Transfer TA	81.70	25.00	31.15	29.70	85.85	14.97	100.82
	b) Foreign TA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Traveling Allow.	81.70	25.00	31.15	29.70	85.85	14.97	100.82
3	Res.&Operat Exp.							
	a) Research Expenses	339.18	85.00	71.41	108.30	264.71	59.84	324.55
	b) Operational Expenses	758.32	205.85	170.00	200.00	575.85	139.49	715.34
	Total Research & Operational	1097.50	290.85	241.41	308.30	840.56	199.33	1039.89
4	Miscellaneous expenses							
	A. HRD							0.00
	a) Within India	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Abroad	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	B. Other items (Fellowship,	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	C. Publicity and Exhibitions	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Miscellaneous Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Revenue (B)	1179.20	315.85	272.56	338.00	926.41	214.30	1140.71
	Grand Total (A+B)	1598.00	437.65	391.32	438.00	1266.97	287.62	1554.59
	NEH							
	a) Capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Revenue	75.00	25.00	22.00	23.00	70.00	25.00	95.00
	Sub Total	75.00	25.00	22.00	23.00	70.00	25.00	95.00
	TSP							
	a) Capital	0.80	0.00	0.00	0.00	0.00	0.27	0.27
	b) Revenue	35.20	11.20	60.00	64.00	135.20	11.73	146.93
	Sub Total	36.00	12.00	60.00	64.00	135.20	12.00	147.20
	SCSP							
	a) Capital	0.00	0.00	13.18	15.00	28.18	0.27	28.45
	b) Revenue	0.00	0.00	28.01	33.00	61.01	11.73	72.74
	Sub Total	0.00	0.00	41.19	48.00	89.19	12.00	101.19
	i. Grand Total (Capital) including NEH,	419.60	121.80	131.94	115.00	368.74	73.86	442.60
	ii. Grand Total (Revenue) including NEH,	1289.40	352.05	382.57	458.00	1192.62	262.76	1455.38
	Grand Total including NEH, TSP and SCSP	1709.00	473.85	514.51	573.00	1561.36	336.62	1897.98

The list of items mentioned in the Annexure as indicated above in the description may be strictly restricted within the respective allocation under the sub-heads/ minor-heads.

The above approval is subject to the conditions imposed by the Standing Finance Committee (SFC) for DARE/ICAR in its meeting held on 31st July, 2017 and other relevant rules/guidelines/instructions issued by ICAR and Government of India from time-to-time.

The expenditure involved shall be met from the budget sanctioned to it under Demand No.2-DARE-Payment to Indian Council of Agricultural Research (ICAR) under 2415 - Agricultural Research & Education (Major Head) - 03-Animal Husbandry (Sub Major Head), 150-Assistance to ICAR (Minor Head)- 01 Animal Sciences Institutes, Research & Education Schemes including Dairy Research Institutes and Schemes - 01.00.31 - Grants-in-Aid-General, 01.00.35 - Grant for creation of Capital Assets, 01.00.36 - Grant-Aid-Salaries, 2415 - Agricultural Research & Education (Major Head) -03-Animal Husbandry (Sub Major Head) -796 - Tribal Area Sub-Plan (Minor Head) - 01 Animal Sciences Institutes, Research & Education Schemes including Dairy Research Institutes and Schemes 01.00.31 - Grant-in-Aid General, 01.00.35 - Grant for creation of Capital Assets, 01.00.36- Grant-Aid-Salaries, 2552-North Eastern Area (Major Head)-00.256- Animal Husbandry (Assistance to ICAR)-01 Animal Sciences Institutes, Research & Education Schemes including Dairy Research Institutes and Schemes 01.00.31 - Grant-in-Aid General 01.00.35 - Grant for creation of Capital Assets, 01.00.36 - Grant-Aid-Salaries, 2415 - Agricultural Research & Education (Major Head) -03-Animal Husbandry (Sub Major Head) -789 - Special Component Plan for Scheduled Castes (Minor Head) - 01 Animal Sciences Institutes, Research & Education Schemes including Dairy Research Institutes and Schemes 01.00.31 - Grant-in-Aid General 01.00.35 - Grant for creation of Capital Assets, 01.00.36 - Grant-Aid-Salaries.

Yours faithfully,



(Jayanta Das)
Under Secretary (AS)

Enclosures: As above

Copy to:-

1. Pay & Account Officer, Ministry of Agriculture, 16, Akbar Road Hutments, New Delhi -11.
2. DDG(AS), ICAR
3. ADG (PIM) / ADG (ANP) / ADG (APB), ICAR.
4. Director (Finance) / Director (Works), ICAR.
5. Guard File / Spare copies (5 Nos).

Under Secretary (AS)

NO. AS 18/5/2019-IA-1
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agricultural Research and Education
Krishi Bhawan, New Delhi

Dated the 9th December 2019

To

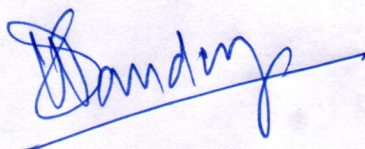
The Secretary
Indian Council of Agricultural Research
Krishi Bhawan, New Delhi.

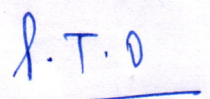
Subject- **SFC (2017-20) sanction in respect of thematic areas "Small Ruminants Production and Technology" for revised RCE 2017-20**

Sir,

I am directed to convey the Approval of the Competent Authority with total outlay of **Rs.6264.43 lakh** (Rupees Six thousand two hundred sixty four lakh and forty three thousand only) as ICAR Share and Rs 474.97 lakh (Rupees Four hundred and seventy four lakh and ninety seven thousand only) as State share for the schemes and as per the break up mentioned below:

SN	Name of the Scheme	Total Outlay approved
I	Central Sheep and Wool Research Institute (CSWRI), Avikanagar	Rs. 2337.23 lakh (Rupees Two thousand three hundred thirty seven lakh and twenty three thousand only)
II	Network Project on Sheep Improvement	Rs.787.38 lakh (Rupees Seven hundred and eighty seven lakh and thirty eight thousand only) as ICAR share and Rs.138.35 (Rupees One hundred thirty eight lakh and thirty five thousand only)
III.	Mega Sheep Seed Project	Rs.489.62 lakh (Rupees Four hundred eighty nine lakh and sixty two thousand only)
IV.	Central Institute for Research on Goats (CIRG)	Rs.1088.84 lakh (Rupees One thousand and eighty eight lakh and eighty four thousand only)
V.	AICRP on Goat Improvement	Rs.1561.36 lakh (Rupees One thousand five hundred sixty one lakh and thirty six thousand only) as ICAR share and Rs.336.62 (Rupees Three hundred and thirty six lakh and sixty two thousand only)
	Total	Rs.6264.43 lakh (Rupees Six thousand two hundred sixty four lakh and forty three thousand only) as ICAR share and 474.97 (Rupees Four hundred and seventy four lakh and ninety seven thousand only) as State share

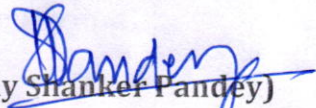




The above approval is subject to the conditions imposed by the Standing Finance Committee (SFC) for DARE/ICAR in its meeting held on 31.07.2017 and other relevant instructions of the Government of India.

The expenditure involved shall be met from the budget sanctioned to it under Demand No.2-DARE-Payment to Indian Council of Agricultural Research (ICAR) under 2415 - Agricultural Research & Education (Major Head) - 03-Animal Husbandry (Sub Major Head), 150-Assistance to ICAR (Minor Head)- 01 Animal Sciences Institutes, Research & Education Schemes including Dairy Research Institutes and Schemes - 01.00.31 - Grants-in-Aid-General, 01.00.35 - Grant for creation of Capital Assets, 01.00.36 - Grant-Aid-Salaries, 2415 - Agricultural Research & Education (Major Head) -03-Animal Husbandry (Sub Major Head) - 796 - Tribal Area Sub-Plan (Minor Head) - 01 Animal Sciences Institutes, Research & Education Schemes including Dairy Research Institutes and Schemes 01.00.31 - Grant-in-Aid General, 01.00.35 - Grant for creation of Capital Assets, 01.00.36- Grant-Aid-Salaries, 2552-North Eastern Area (Major Head)-00.256- Animal Husbandry (Assistance to ICAR)-01 Animal Sciences Institutes, Research & Education Schemes including Dairy Research Institutes and Schemes 01.00.31 - Grant-in-Aid General 01.00.35 - Grant for creation of Capital Assets, 01.00.36 - Grant-Aid-Salaries, 2415 - Agricultural Research & Education (Major Head) -03-Animal Husbandry (Sub Major Head) -789 - Special Component Plan for Scheduled Castes (Minor Head) - 01 Animal Sciences Institutes, Research & Education Schemes including Dairy Research Institutes and Schemes 01.00.31 - Grant-in-Aid General 01.00.35 - Grant for creation of Capital Assets, 01.00.36 - Grant-Aid-Salaries.

Yours faithfully,


(Uday Shanker Pandey)
Deputy Secretary

Copy to:

1. Pay & Accounts Officer, Ministry of Agriculture and Farmers Welfare, Krishi Bhawan, Delhi.
2. Deputy Director General (Animal Science), ICAR, Krishi Bhawan, Delhi.
3. ADG (PIM), ICAR
4. Director (Finance), ICAR
5. Guard file.

SCHEME NO 25 – SMALL RUMINANTS PRODUCTION AND TECHNOLOGY

Annexure II

**Details of Works
ICAR-CSWRI (Component- I)**

S. No.	Details of Works	Year wise allocation (Rs. In Lakhs)				Justification
		2017-18	2018-19	2019-20	Total cost	
New Works						
1.	Modern sheep sheds at Avikanagar	20.00	39.56	-	59.56	Existing sheep sheds are old and completed their life. Not suitable for housing sheep because of extensive damage.
2.	Vehicle parking at Administrative block at Avikanagar	10.00	14.19	-	24.19	For parking of vehicles of staff members
3.	Tube well at Avikanagar (6)	9.98	16.30	-	26.28	To provide water for irrigation and drinking purposes
4.	Water reservoir pond at Avikanagar (3)	12.00	22.18	-	34.18	To harvest rain water for use in agriculture during scarcity
5.	Electric cable (High voltage) at Avikanagar	10.00	15.00	-	25.00	For administrative block, NPB, Library, guesthouse and wool plant
6.	Construction of road at SRRC, Mannavanur	10.00	15.00	-	25.00	Presently kachcha road is available
7.	Farm implement shed at Avikanagar	-	17.80	10.00	27.80	No shed is available at present for agriculture implements
TOTAL		71.98	140.03	10.00	222.01	

Annexure III

**List of Equipment
ICAR-CSWRI (Component- I)**

(Rs. In lakhs)

S. No	Name of the item	Quantity	Price /unit	2017-18	2018-19	2019-20	Total price	Justification
1	Multimode Reader	1	10.00	-	10.50	-	10.50	For assays work in semen cryo-preservation, stem cell, nuclear transfer
2	Spectrophotometer	1	6.00	-	4.04	-	4.04	For lipid oxidation, antioxidant potential of natural herbs in meat and meat products

SCHEME NO 25 – SMALL RUMINANTS PRODUCTION AND TECHNOLOGY

3	Projection Microscope	1	6.00	-	-	4.76	4.76	For analysis of wool fibre parameters
4	Fluorescent Microscope	1	10.00	-	-	9.94	9.94	For fluorescent imaging of sperm, embryo, oocytes, follicular, embryonic stem cells
5	Water De-ionizer, 20 litre capacity	1	6.00	-	-	6.00	6.00	De-ionized water for molecular work
6	RFID Tag, Readers and accessories with automated weighing balances	-	10.00	-	-	10.00	10.00	For the accurate, quick, stress free recording of the data on live animals
7	Colour measuring machine	1	10.00	-	10.99	-	10.99	For measuring colour changes during storage of meat and meat/milk products, by incipient spoilage by microbes and chemical reaction
8	Portable Ultra sound machine	1	6.00	-	-	5.76	5.76	For pregnancy diagnosis of sheep
9	Refrigerated Centrifuge	2	6.50	4.99	5.94	-	10.93	DNA / enzyme estimation & analysis
10	Transformer (Electric) 315 and 500 KVA(1 each)	2	7.00+10.00	-	-	17.00	17.00	For maintaining electricity supply at constant voltage in lab /office
11	Backhoe and loader	1	18.00	16.95	-	-	16.95	For reclaiming barren land of institute for fodder cultivation
12	Miscellaneous equipment	-	-	19.80	13.50	39.54	72.84	For carrying out various lab analysis
	Total	-	-	41.74	44.97	93.00	179.71	

SCHEME NO 25 – SMALL RUMINANTS PRODUCTION AND TECHNOLOGY

List of miscellaneous equipment (Rs. In lakhs)

Equipment (No.)	Cost	Equipment (No.)	Cost	Equipment (No.)	Cost
Air Conditioner & stabilizer (10)	5.20	Analytical Balance (3)	2.07	Deep freezer (-20°C) (2)	0.90
CO ₂ incubator (1)	3.83	Chaff cutter (1)	0.65	Gloss meter (1)	2.23
Computer/Laptop and Scanner, printers (10)	5.64	Cream separator (1)	0.50	LED projector (2), screen amplifier, cordless mikes	4.85
Digital display boards (5)	2.83	Fabrics abrasion tester (1)	2.50	Platform balance (100 kg) (5)	0.78
Feeding troughs (32)	1.03	20 KVA UPS (1)	2.78	Soil Testing kit and soil moisture meter (1)	0.76
Milk analyzer (1)	5.00	Water bath and other item	2.29	Submersible pumps (10)	0.81
Projection Microscope wool (1)	5.00	Refrigerator (5)	1.30	5KVA UPS (2)	4.39
Small scale dyeing machine (1)	3.41	Spectrophotometer (1)	4.39	Air shower for clean lab (1)	2.94
Tattooing set (5)	1.76	Ultra-fine grinding mill (1)	5.00		

Annexure IV

**Information Technology
ICAR-CSWRI- Component- I**

(Rs.In lakhs)

SN	Items	2017-18	2018-19	2019-20	Total	Justification
1	Software program, Mobile apps, CCTV, Video conference facility	9.84	0.99	-	10.83	For data management and analysis, for sending messages to farmers on sheep rearing
2	Animal management software programs	-	-	10.00	10.00	For creating the modern scientific database of animals in the institute and regional stations
3	Cat 6 and switches for internet	-	4.91		4.91	For network connectivity in office and lab.
	Total	9.84	5.90	10.00	25.74	

Annexure-V

**Library Books & Journals
ICAR-CSWRI- Component- I**

(Rs. In lakhs)

SN	Items	2017-18	2018-19	2019-20	Total	Justification
1	Library Books and Journals	0.72	0.85	2.00	3.57	Latest reference books and journals (including on-line) to update the skill and knowledge
	Total	0.72	0.85	2.00	3.57	

SCHEME NO 25 - SMALL RUMINANTS PRODUCTION AND TECHNOLOGY

Annexure - VI

**Vehicle
ICAR-CSWRI- Component- I**

(Rs. In lakhs)

Particulars	Quantity	2017-18	2018-19	2019-20	Total	Justification
Vehicle (On replacement basis)	2	0.00	0.00	12.00	12.00	The proposed vehicle is to be purchased under replacement against already condemned / auctioned vehicle (Marshal Jeep No. RJ 26 C-1095 and Mahindra & Mahindra Diesel Jeep No. RJ 26 C-0020)
Total		0.00	0.00	12.00	12.00	

Annexure- VII

**Livestock
ICAR-CSWRI- Component- I**

(Rs. In lakhs)

SN	Items	2017-18	2018-19	2019-20	Total	Justification
1	Superior livestock	1.77	5.00	7.00	13.77	For genetic variability in the Institute flocks
	TOTAL	1.77	5.00	7.00	13.77	

Annexure- VIII

**Furniture & Fixtures
ICAR-CSWRI- Component- I**

(Rs. In lakhs)

SN	Items	2017-18	2018-19	2019-20	Total	Justification
1	Furniture & fixtures at Avikanagar	3.49	5.62	10.30	19.41	For office and lab
2	Furniture & fixtures at ARC, Bikaner	5.06	-	-	5.06	For office and lab
3	Furniture & fixtures at SRRC, Mannavanur	-	4.63	-	4.63	For the newly constructed Admin. cum Lab building
4	Furniture & fixture at NTRS, Garsa	-	-	4.70	4.70	For conference cum training hall, lab and office
	TOTAL	8.55	10.25	15.00	33.80	

Annexure- IX

**Capital under TSP Plan
ICAR-CSWRI- Component- I**

(Rs. In lakhs)

SN	Items	2017-18	2018-19	2019-20	Total	Justification
1	Chaff cutter (4 No)	-	-	1.00	1.00	For distribution to farmers in TSP
	TOTAL	-	-	1.00	1.00	

SCHEME NO 25 – SMALL RUMINANTS PRODUCTION AND TECHNOLOGY

Annexure - X

**Capital under SCSP Plan
ICAR-CSWRI- Component- I**

(Rs. In lakhs)

Particulars	2017-18	2018-19	2019-20	Total	Justification
Farm implement shed	-	17.54	-	17.54	Shed for keeping farm implements
Skill Development cum training centre for SC farmers (furniture, fixtures, digital projector (2 No), computer+ printer (2 No), air conditioner (4 No), UPS 10KVA (1 No), Water cooler (2 No), audio-visual system (1 No), Desert cooler (20 No), felt sheet dyeing machine (1 No) and shearing machine (4 No) etc.)	-	-	20.00	20.00	For training and skill development of SC farmers in the areas of sheep production and processing
Total	-	17.54	20.00	37.54	

RECORDS OF THE BOARD OF TRUSTEES

DATE	PLACE	MEMBERS	MINUTES	RESOLUTIONS
1892	CHICAGO
1893	CHICAGO
1894	CHICAGO
1895	CHICAGO
1896	CHICAGO
1897	CHICAGO
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2000	CHICAGO

SCHEME NO 25 – SMALL RUMINANTS PRODUCTION AND TECHNOLOGY

Annexure-II

**Details of Equipment
ICAR-CSWRI- Component- II (NWPSI)**

(Rs. In lakhs)

S. No.	Name of the Item	Quantity	Unit cost	2017-18	2018-19	2019-20	Total	Justification
Farm Based Units: Marwari, Deccani, Nellore and Muzaffarnagri (4 Units)								
1	Computer with accessories, laser printer, UPS.	4	1.00	0.00	0.00	4.00	4.00	For Database management & analysis
2	Refrigerator	8	0.25	0.00	0.00	2.00	2.00	For storing vaccine & medicine
3	Portable/hanging digital weighing balance	20	0.20	0.00	0.00	4.00	4.00	For accurate weighing of animals
4	Chaff cutter	4	0.50	0.00	0.00	2.00	2.00	For chaffing the fodder
5	Feed Troughs	60	0.05	0.00	0.00	3.00	3.00	For feeding of animals
6	RFID identification system, reader (fixed and portable) with digital weighing balance and accessories	4 set	2.35	0.00	9.40	0.00	9.40	For accurate and effective weighing of animals
Total for Four Units				0.00	9.40	15.00	24.40	
Field Based Units: Madras Red and Magra Unit (2 Units)								
1	Computer with accessories, laser printer, UPS	2	0.50	0.00	0.00	1.00	1.00	For Database management & analysis
2	Refrigerator	4	0.25	0.00	0.00	1.00	1.00	For storing vaccine & medicine
3	Portable/hanging digital weighing balance	5	0.20	0.00	0.00	1.00	1.00	For weighing of animals
4	Chaff cutter	2	0.50	0.00	0.00	1.00	1.00	For chaffing the fodder
5	Feed Troughs	20	0.05	0.00	0.00	1.00	1.00	For feeding of animals
6	Sprayer	5	0.05	0.00	0.00	0.25	0.25	For control of ecto-parasite
7	Binocular Microscope	2	0.50	0.00	0.00	1.00	1.00	For examination of samples
8	RFID identification system, reader (fixed and portable) with digital weighing balance and accessories	2 set	2.375	0.00	4.75	0.00	4.75	For accurate and effective weighing of animals
Total for Two Units				0.00	4.75	6.25	11.00	
PC Unit								
1	Laptop	1	0.60	0.00	0.60	0.00	0.60	For data base management and analysis
2	Air conditioners	2	0.50	0.00	0.00	1.00	1.00	For office
Total (PC Cell)				0.00	0.60	1.00	1.60	
Overall Total				0.00	14.75	22.25	37.00	

SCHEME NO 25 - SMALL RUMINANTS PRODUCTION AND TECHNOLOGY

Annexure-III

**Furniture & Fixtures
ICAR-CSWRI- Component- II (NWPSI)**

(Rs. In lakhs)

Items	2017-18	2018-19	2019-20	Total	Justification
Office furniture, fixtures	0.00	0.00	1.00	1.00	For PC Cell
Overall Total	0.00	0.00	1.00	1.00	

Annexure-IV

**Livestock
ICAR-CSWRI- Component- II (NWPSI)**

(Rs. In lakhs)

Unit	2017-18	2018-19	2019-20	Total	Justification
Madras Red	3.00	3.00	2.00	8.00	For distribution of breeding rams
Magra	0.30	2.25	1.75	4.30	For distribution of breeding rams
Deccani	0.00	0.00	1.50	1.50	To introduce rams and ewes for variability
Nellore	0.00	0.00	1.50	1.50	To introduce rams and ewes for variability
Marwari	0.00	0.00	1.00	1.00	To introduce rams and ewes for variability
Muzaffarnagri	0.00	0.00	1.00	1.00	To introduce rams and ewes for variability
Total	3.30	5.25	8.75	17.30	

Annexure V

**Capital under SCSP Plan
ICAR-CSWRI- Component- II (NWPSI)**

(Rs. In lakhs)

	2017-18	2018-19	2019-20	Total	Justification
Livestock, fencing material, angles, minor civil works etc.	-	2.09	-	2.09	Livestock for distribution to SC farmers and fencing and other civil works for sheep sheds
Total	-	2.09	-	2.09	

Annexure VI

**Staff position
ICAR-CSWRI- Component- II (NWPSI)**

(A) Staff pattern at three (3) Cooperating Units at SAUs (Madras Red, Nellore, Deccani)

S. No.	Name of Posts/unit	Number of posts/unit	Total
1.	Assistant Professor	1	3
2.	Technical Assistant /Livestock Assistant	1	3
3.	LDC	1	3
4.	SRF	1	3

* Contractual services; salary included in Contingency Head

(B) Staff pattern at PC Units located at CSWRI

S. No.	Name of Posts (on temporary basis)*	Number of posts
1	Senior Research Fellow (PC)	1

* Contractual services; salary included in Contingency Head

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Annexure II

Livestock

ICAR-CSWRI- Component- III (MSSP)

(Rs. In lakhs)

S. No.	Name of the item	2017-18	2018-19	2019-20	Total	Justification
1	Livestock (Ewes and rams for four Cooperating Units)	9.96	11.00	10.00	30.96	To meet replacement and introduction of genetic variability

Annexure III

**Capital under SCSP Plan
ICAR-CSWRI- Component- II (NWPSI)**

(Rs. In lakhs)

Unit	2017-18	2018-19	2019-20	Total	Justification
Tin sheet and fencing material for sheep shed (Sonadi unit) etc.	0.00	1.39	0.00	1.39	For distribution to SC farmers
Total	0.00	1.39	0.00	1.39	

Annexure- IV

Staff position

ICAR-CSWRI- Component- III (MSSP)

(A) Staff pattern at Cooperating Units

S. No.	Name of Posts (on temporary basis)*	Number of posts/Unit
1.	Research Associate (RA)	01
2.	Veterinary officer	01
3.	Stockman	01
4.	Attendant	01
	Total	04

* Contractual services; salary included in Contingency Head

(B) Staff pattern at PC Units located at CSWRI

S. No.	Name of Posts (on temporary basis)*	Number of posts
1	Senior Research Fellow (SRF)	01
2.	Technical Assistant	01
3	Office Assistant/Accounts Clerk	01
4	Office Attendant	01

* Contractual services; salary included in Contingency Head

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Annexure II

Details of Works ICAR-CIRG

(Rs. in lakhs)

S.No.	Details of Works	2017-18	2018-19	2019-20	Total	Justification
	Spill-over Work					
1.	C block payment, Salihotra hostel, Water pipe	0.00	86.78	0	84.00	Decision at ICAR level was cleared in the next 2018-19 financial year and therefore, payment has been made to the CPWD in the month of Feb 2019.
	New Work					
2.	Renovation of Laboratory Complex, residential quarters and boundary wall.	0	89.81	40.00	130.00	Essentially required as the 8 type V quarters, 12 type IV quarters, 20 Type III and 15 Type II are 25 years old and require immediate repair. Laboratory complex and boundary wall are also 20 years old and require repair. Road repair/maintenance of the institute approach roads and animal approach roads. Over-head tank repair. Electrification of type III, IV & V quarters. Repair of roof of Type V/2 residential quarter Provision for extra community car parking facility
	Total	0.00	176.59	40.00	216.59	

Annexure- III

List of Equipment ICAR-CIRG

(Rs. in lakhs)

S. No	Name of the item	Quantity	Unit cost	2017-18	2018-19	2019-20	Total	Justification
1	Stabilizers of assorted capacities	4 nos.	13.0	3.0	10.00	0.0	13.00	For stabilizing voltage to sophisticated equipment's.
2	Miscellaneous Equipment*	--	--	11.81	15.47	15.0	42.81	For farm operation. Lab equipment etc.
	Total	--	--	14.81	25.47	15.0	55.28	

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***Miscellaneous equipment**

Sr. No.	Equipment	Sr. No.	Equipment
1.	Deep Fridge(s)	2.	Petrol grass cutter with accessories
3.	Electric lawn mower with accessories	4.	Hedge trimmer with accessories
5.	Prodisc scrubber with accessories	6.	Composting machine with accessories
7.	Air conditioner(s), air cooler(s)	8.	Digital Attendance systems
9.	Refrigerator(s) and accessories	10.	Nitrogen evaporator

Equipment to be purchased under SCSP Plan

Name	2018-19	2019-20
Solar street lights and RO plant, etc.	14.22	15.00

Annexure– IV

Information Technology ICAR-CIRG

(Rs. In lakhs)

Name of Equipment	2017-18	2018-19	2019-20	Justification
Wi-Fi facility with CCTV camera and OFC cable and miscellaneous items, Desktop computers, Rack servers with software, Router lease line 100 mbps	6.38	4.95	24.00	To maintain online monitoring and the security of the institute Data processing and analysis
Total	6.38	4.95	24.00	

Information Technology under SCSP Plan

Name	2018-19	2019-20
All in one computer with printers Mobile Apps, Digital computer kiosks	1.50	5.00

Annexure– V

Livestock ICAR-CIRG

(Rs. In lakhs)

Name of the item	2017-18	2018-19	2019-20	Total	Justification
Different goat germplasm	5.00	0.00	0.00	5.00	To introduce superior germplasm from external sources so as to avoid inbreeding
Total	5.00	0.00	0.00	5.00	

Annexure– VI

Furniture and fixtures ICAR-CIRG

(Rs. In lakhs)

Name of the item	2017-18	2018-19	2019-20	Total	Justification
Furniture and fixtures	2.58	4.55	10.00	17.13	For furnishing of new facilities, replacing discarded furniture, etc.
Total	2.58	4.55	10.00	17.13	

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Annexure-VII

Vehicle and Vessels ICAR-CIRG

(Rs. In lakhs)

Particulars	2017-18	2018-19	2019-20	Total	Justification
Vehicle and Vessels (On replacement basis)	0.00	0.00	35.00	35.00	For procurement of staff car under replacement of existing vehicle. Purchase of bullet motorcycles under replacement. Purchase of multi-utility vehicles under replacement. Purchase of vehicle for ambulance under replacement. Purchase of one tractor, trolley and tanker.
Total	0.00	0.00	35.00	35.00	

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Annexure- II

Details of Works - AICRP on Goat Improvement

(Rs. In lakhs)

S. No.	Details of Works	Year wise allocation (ICAR Share)				Justification
		2017-18	2018-19	2019-20	Total	
New Works						
1	Construction and renovation works at Barbari unit	7.8	5	3	15.8	Construction and renovation of shed, office and toilet facilities, etc.
2	Construction and renovation works at Jamunapari unit	7.9	5.5	3	16.4	Feed lot shed, fencing, renovation of clinic, sheds, construction of road within farm premises, main gate and feed godown, toilet facilities, Technology demonstration facility
3	Construction and renovation works at Sirohi, Avikanagar	3.3	3.25	1.1	7.65	Construction of shed and toilet facilities etc
4	Construction and renovation works at Andaman, Port Blair	2	2.25	2	6.25	Construction of thatch houses and waterers for buck rearing centre
5	Construction and renovation works at Assam Hill	0	1.5	2	3.5	Construction of thatch houses and waterers for buck rearing centre
6	Construction and renovation works at Black Bengal, Ranchi	0	1.5	1	2.5	Construction of thatch houses and waterers for buck rearing centre
7	Construction and renovation works at Black Bengal, Kolkata	0	1.5	1	2.5	Construction of thatch houses and waterers for buck rearing centre
8	Construction and renovation works at Changthangi, Leh	0	1.65	1	2.65	Construction of thatch houses and waterers for buck rearing centre
9	Construction and renovation works at Gaddi Goat field Unit	0	1.5	1.4	2.9	Construction of thatch houses and waterers for goat shelter
10	Construction and renovation works at Ganjam	1.5	1.55	1.25	4.3	Construction of thatch houses and waterers for goat shelter
11	Construction and renovation works at Himalayan Local	1.5	1	1.5	4	Construction of thatch houses and waterers for goat shelter
12	Construction and renovation works at Malabari	2	2.5	1.5	6	Construction of thatch houses and waterers for goat shelter
13	Construction and renovation works at Marwari	1	1	1	3	Construction of thatch houses and waterers for goat shelter
14	Construction and renovation works at Osmanabadi	1	1.5	1.5	4	Construction of thatch houses and waterers for goat shelter
15	Construction and renovation works at Sangamneri	1	1.5	1.5	4	Construction of thatch houses and waterers for buck rearing centre

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16	Construction and renovation works at Sirohi, Vallabhnagar	1	1	1.25	3.25	Construction of thatch houses and waterers for goat shelter
17	Construction and renovation works at Surti, Navsari	1.5	0.6	1	3.1	Construction of thatch houses and waterers for buck rearing centre
18	Construction and renovation works at Uttarakhand Local	1	1	1	3	Construction of thatch houses and waterers for buck rearing centre
19	Renovation work at PC Unit	2.5	0	2	4.5	Renovation work of office and toilets
	Total	35	35.3	29	99.3	

Annexure- III

Livestock- AICRP on Goat Improvement

(Rs. In lakhs)

Name of the item	2017-18	2018-19	2019-20	Total	Justification
Purchase of livestock	40.00	22.50	15.00	77.50	To introduce superior germplasm from external sources so as to avoid inbreeding
Total	40.00	22.50	15.00	77.50	

Annexure- IV

Capital Others -AICRP on Goat Improvement

(Rs. In lakhs)

Name of the item	2017-18	2018-19	2019-20	Total	Justification
Others (Technology demonstration and other related work)	10.00	9.64	12.00	31.64	To display the technology and for demonstration and training purpose
Total	10.00	9.64	12.00	31.64	

Annexure- V

Equipment -AICRP on Goat Improvement

(Rs. In lakhs)

S. No.	Name of the item	Qty.	Unit cost	2017-18	2018-19	2019-20	Total	Justification
A. For Existing field Units (17)								
1	Refrigerator with stabilizer	15	0.25	3.75	0	0	3.75	For storage of biological sample and vaccine
2	Computer with printer, UPS / Laptop	15	0.6	4.8	5	1.2	11	For data analysis, storage and official use
3	Weighing balance-digital hanging/ platform	15	1.5	11	5.5	3	19.5	Performance recording of animals
4	Semen storage container	15	1	0	6.5	2	8.5	Semen preservation
5	Digital camera with memory card	15	0.3	4.5	0	0	4.5	For recording and document farming system
6	Microscope	15	0.25	2.75	0	0	2.75	Faecal sample examination and semen evaluation etc.

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7	Automatic vaccinator & Drencher (5 each)	15	0.5	0	4	3	7	For vaccination of animals and drenching
9	Tattooing and Tagging machine	15	0.2	0	0	3	3	For animal Identification
9	Cryocans (Large, Medium & Small 3 each)	15	2	0	7.05	7.5	14.55	To store semen and transportation of straw
10	Miscellaneous	15		1.25	3.5	1.5	6.25	Thermometer/stethoscope, Milk Bowl weighing system / Milk Scale etc.
	Total (A)			28.05	31.55	21.2	80.8	
(B) For Farm Units (3)								
1	Computer with UPS/ Laptop, Laser printer and other accessories	3	0.6	1.8	0	0	1.8	For data analysis and official use
2	Refrigerator with Stabilizer	3	0.4	0	0.25	0.9	1.15	For storing biological sample and vaccine
3	Digital camera with memory card for all units	3	0.3	0	0	0.9	0.9	For breed identification and document farming system
4	Feeder for Adults and kids	9 set	1	2	0	1	3	Each set containing 20 feeder
5	Microscope	3	0.25	0	0.52	0	0.52	Faecal examination and semen evaluation
6	Weighing balance-digital hanging platform	3	1.5	1.5	0	0	1.5	Performance recording of animals
7	Automatic vaccinator & drencher (5 Each)	3	0.5	0.5	1	0	1.5	For vaccination & drenching
8	Cryocans (Large, Medium & Small 3 Each)	3	2	0	3	0	3	To carry out project work
9	Tattooing & Tagging Machine	3	0.2	0.3	0	0.3	0.6	For animal identification
10	Milking pail (stainless steel)	6	0.05	0.3	0	0	0.3	for analysis of Milk samples
11	RFID identification system, reader (fixed and portable) with digital weighing balance, software and accessories (Jamunapari & Barbari)	2	8	0	5	0	5	For accurate and effective weighing and data recording of animals
12	Miscellaneous	3		0.5	0	1	1.5	Thermometer/stethoscope/semen storage container, Milk Bowl weighing system/ Milk Scale, water cooler, etc.
	Total (B)			6.9	9.77	4.1	20.77	
(C) For PC Units (1)								
1	Deep Freezer	1	5.6	0	0	5.6	5.6	for storing biological sample and vaccine
2	Air Conditioner with stabilizer/ accessories	1	0.5	0.5	0	0	0.5	for genetic evaluation lab

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3	Milk Analyser/Tissue homogenizer with accessories	1	5	0	0	5	5	For testing of milk samples composition/ Tissue homogenization for nucleic acid extraction
4	PCR work station	1	1	0	0	1	1	For setting reactions
5	Microwave (For Laboratory Use)	1	0.2	0	0	0.2	0.2	for genetic data analysis
6	Camera DSLR	1	0.9	0	0	0.9	0.9	For official use
	Total (C)			0.5	0	12.7	13.2	
	ICAR Share (A+B+C)			35.45	41.32	38	114.77	

Annexure- VI

Information Technology-AICRP on Goat Improvement

(Rs. In lakhs)

S. No.	Items	2017-18	2018-19	2019-20	Total	Justification
1	Business computer (High Density data analysis, Printer and accessories (one-1.5 lakhs) and Wi Fi and CCTV camera installation and all accessories (2.5 lakhs)	0.00	0.00	5.0	5.0	To record and process data being generated at each centre
2	Software for genetic evaluations and molecular genetic analysis	0.00	3.00	00	3.0	For genetic data analysis
3	SMS Based advisory/Expert system	0.00	2.00	00	2.00	For farmer advisory
4	Organization of genetic evaluation lab	0.00	2.00	1.00	3.00	For official use
5	Development of goat production application	1.35	3.00	00	4.35	For use by farmers regarding goat production technologies
	Total ICAR Share	1.35	10.00	6.00	17.35	