

Agenda for 21st Project Committee meeting of CWDB to be held on 3rd June,2013 at 11.00 a.m. in office of CWDB, Jodhpur

The following new project proposals received under 12th Plan schemes of Board under under ‘Integrated Wool Improvement & Development Programme’ (IWIDP), ‘Quality Processing of Wool’ and ‘Social Security Scheme’ for insurance of sheep and sheep breeders for implementation during current financial year 2013-14. The same project proposals are being placed before the 21st Project Committee meeting to examine the project proposals, to assess feasibility of project proposals, allocation of financial assistance etc. in detail. The Committee will examine and recommend the suitable project to the Executive Committee for their necessary approval. Summary of each pending project proposals are as under and copies of proposals will be provided during the meeting :

I. Scheme : Sheep & Wool Improvement Scheme (SWIS)

i. Component : Feed Supplement

Under Sheep & Wool Improvement Scheme (SWIS) there is ‘Feed Supplement’ component to provide nutrition support to eligible sheep specially in dry, rain fed and desert/cold desert areas of Rajasthan, Gujarat and Ladakh region where availability of fodder is scattered/inadequate. Under this component, feed supplement is provided to weak/pregnant sheep for 3 months in a year with cost of Rs. 3/- sheep per day i.e. Rs. 270 per sheep annually to help the sheep breeders to sustain their flock in adverse conditions/period. Under SWIS, the Board made provision to benefit 75,000 sheep annually during FY 2012-13 to 2014-15 during XII Plan. Previously, the Board made several efforts to benefit sheep of Gujarat and Rajasthan States with the help of Government Organization but no response received from the Govt. organizations for distribution of feed to sheep. Looking at target of XII Plan for 75,000 sheep, the Board proposed to cover eligible sheep from Leh and Kargil districts of Ladakh region under Feed Supplement component in FY 2013-14 and 2014-15, as under :

A. Name of Agency- Ladakh Autonomous Hill Development Council, District Leh

(Rs. In lakh)

Component under SWIS	Demand by Agency				Remarks for consideration of proposal
	Physical	Cost as per scheme	Financial demand in 2013-14	Requirement for FY 2014-15	
Feed supplement to 25,000 sheep (pregnant/ weak) @ Rs. 3/- day for 90 days in a year	25,000 sheep	Rs. 76.50 lakh	Rs. 67.50 lakh	Rs. 67.50 lakh	Continuation of programme in FY 2013-14 & 2014-15. Benefited 50,000 sheep in 2012-13. Detail note under the proposal is enclosed as Annex.- I.

B. Name of Agency- Ladakh Autonomous Hill Development Council, District Kargil
(Rs. In lakh)

Component under SWIS	Demand by Agency				Remarks for consideration of proposal
	Physical	Cost as per scheme	Financial demand in 2013-14	Requirement for 2014-15	
Feed supplement to 50,000 sheep (pregnant/ weak) @ Rs. 3/- day for 90 days in a year	50,000 sheep	Rs. 135 lakh	Rs. 90 lakh (135 – 45)	Rs. 135 lakh	Continuation of programme in FY 2013-14 & 2014-15. Feed of Rs. 45 lakh has not distributed in 2012-13 due to closure of road and granted permission for revalidation in 2013-14. Detail note under the proposal is enclosed as Annex.- II.

ii. SWIS Project for 2 lakh sheep from Andhra Pradesh State

Andhra Pradesh Sheep & Goat Dev. Co-op. Fed. Ltd., Hyderabad submitted a project proposal to benefit 2 lakh sheep of Deccani Tract 9 districts (Ranga Reddy, Nizamabad, Medak, Adilabad, Khammam, Mahabubnagar & Warangal, Nalgonda and Karimnagar) of Andhra Pradesh State under following activities during XII Plan, as under :

1. Health Care of sheep- proposed funds for total 2.00 lacs sheep @Rs. 18.00/sheep/year
2. Breed Improvement
 - A.Strengthening/Establishment of Sheep Breeding Farm- 3 farms per year @ Rs. 20.00 lacs per farm
 - B.Distribution of Stud Rams under Breed Improvement- 300 Stud rams will be distributed under this component @ Rs. 5,000 each Ram.
3. Reimbursement of overhead expenses to implementing agencies- To cover 2.00 lacs sheep @ Rs. 5/- per sheep per year

Details of component wise Physical & financial targets is as follows-

(Rs. in lakhs)

component	2013-14		2014-15		2015-16		2016-17		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Health Care	2.00	36.0	2.00	36.00	2.00	36.00	2.00	36.00	8.00	144.00
Distribution of Stud Ram under Breed Improvement	3 farms	60.0	3 farms	60.00	3 farms	60.00	3 farms	60.00	15 farms	240.00
Distribution of Stud Ram	100	5.00	100	5.00	100	5.00			300	15.00
Reimbursement of overhead expenses to I.A.	2.00	10.0	2.00	10.00	2.00	10.00	2.00	10.00	8.00	40.00

A detail note under above SWIS project from A.P. State is enclosed as **Annexure-III** for consideration and recommendation.

iii. Component : ‘Revolving Fund’

C. Enhancement of funds under ‘Revolving Fund’ for marketing of raw wool in Leh district of Ladakh region.

The Central Wool Development Board has received a D.O. letter from Mr. Gurmet Dorjay, Executive Councillor, (Tourism/Sheep/Animal Husbandry), Ladakh Autonomous Hill Development Council, Leh-Ladakh to extend assistance under Revolving Fund for marketing of raw wool in Leh-Ladakh during XII Plan to provide remunerative returns for pashmina wool to Nomads.

The Executive Councilor, LAHDC, Leh requested to extend financial assistance of Rs. 4.50 Crore under ‘Creation of Revolving Fund’ for raw wool marketing in favour of ‘All Changthang Pashmina Growers Cooperative Marketing Society, Leh’ to enabling the Society to procure 100% pashmina produce. He informed that under this programme the Society require total Rs. 9 Crore for marketing of 45,000 kg pashmina wool @ Rs. 2,000 per kg and requested to provide 50% of fund which is Rs. 4.50 Crore from the CWDB under Revolving Fund component.

Under this Revolving Fund, the Board had provided total Rs. 1.50 Crore in the years 2010-12 to Ladakh Autonomous Hill Development Council, Leh District for Creation of Revolving Fund for raw wool marketing to ensure remunerative returns to wool growers (Nomdas) of Ladakh region. As per request, the Board may consider the above proposal for additional financial assistance upto Rs. 75 lakhs during 2013-14 out of total financial provision of Rs. 100 lakh under XII Plan outlay for marketing of additional quantity of pashmina wool under the scheme of Sheep & Wool Improvement Scheme (SWIS).

D. Creation of Revolving Fund for marketing of raw wool in Andhra Pradesh State.

Under Sheep & Wool Improvement Scheme, there is a component of Revolving Fund for marketing of Raw wool (sheep, angora rabbit and Pashmina wool) by providing one time fund for creation of revolving fund to support wool marketing activity and to provide remunerative return to wool growers for wool. Under this component, the Board has made financial provision of Rs. 100 lakh for Revolving Fund to different existing State Wool Marketing Boards/Corp. to strengthen marketing support by procuring additional quantity of wool. During 11th Plan, the Board has created Revolving Fund for marketing of wool in the States of J. & K., H.P., Uttarakhand, Karnataka and Maharashtra.

Andhra Pradesh Sheep & Goat Development Coop. Fed. Ltd., Govt. of Andhra Pradesh, Hyderabad also requested to provide Revolving Fund of total Rs. 21 lakh during XII Plan for marketing of Deccani wool in the State. The Board is implementing a project under Sheep & Wool Improvement Scheme in Andhra Pradesh State to benefit 2 lakh sheep and

sanctioned Rs. 65 lakh in FY 2012-13. As per request, the Board may consider the above proposal for creating Revolving Fund of Rs. 10 lakh in favour of Andhra Pradesh Sheep & Goat Development Coop. Fed. Ltd., Govt. of Andhra Pradesh, Hyderabad in current financial year 2013-14.

As above the matter is submitted before the Project Committee meeting for providing Revolving Fund in Leh-Ladakh and Andhra Pradesh.

II. R&D proposals received under HRD & Promotional Activity (IWIDP)

A. Project proposal received under R&D

(Rs. in lakh)

S. No.	Implementing Agency	Project for	Project Cost & period	Financial demand in 2013-14	Remarks for consideration of proposal
1 A	Wool Research Association, (Ministry of Textiles) Mumbai.	Design & Development of Indian wool based smart textiles having thermoregulatory properties using phase change material (PCM)	52.75 for 2 years	35.75 (including Rs. 20 lakh for equipments)	Detail note under the proposal is enclosed as Annex.- IV.
B		Use of Indian wool in development of technical textiles like nonwoven mesh for moisture management, filtration fabrics, wipe, insulating mats, roof-lines, sport shoe liner etc.	47.14 for 2 years	24.09 (including Rs. 5 lakh for equipments)	Detail note under the proposal is enclosed as Annex.- V.
C		Development of Indian Wool – SAP Polymer mix product for agrarian use as fertilizer.	47.84 for 2 years	29.31 (including Rs. 7 lakh for equipments)	Detail note under the proposal is enclosed as Annex.- VI.

B. Procurement of machineries for upgradation of existing Wool Testing Laboratory of CWDB at Bikaner under HRD Scheme (IWIDP)

In the 31st Governing Body meeting of the CWDB held on 4th January 2013, it was decided to upgrade the existing Wool Testing Laboratory of Central Wool Development Board operating at Bikaner by installing some new instruments/ machineries. Further in the 41st EC meeting of the CWDB, it was decided to take up the matter with WRA for identifying the list of instruments. Accordingly the Board had taken up the matter with Wool Research Association, Mumbai for upgradation of Laboratory. The WRA after visiting Bikaner Wool Testing Lab, submitted the report and identified the required testing equipments. In the report, the WRA mentioned that the measurement of fibre fineness by microscope and avg. fibre length by comb sorter is time consuming and laborious. The latest testing instruments like Optical Fibre Diameter Analyzer (OFDA) and Electronic Single fibre length tester can be procured to improve the accuracy and reduce the time for testing.

The WRA proposed to procure following instruments to upgrade the laboratory of CWDB at Bikaner for improvement of the quality of test work with respect to above specified tests.

(Rs. in lakh)

Sr No	Description	Approx. Cost
1.	Optical Fibre Diameter Analysis for wool fibre diameter (OFDA) with accessories [Imported]	75.00
2.	WIRA type Single fibre length tester (since Almeter is not feasible for loose wool testing) [Imported]	10.00
3.	Precision Air Conditioning System for entire lab with ducting and insulation work to maintain Standard Environmental Conditions [Imported/Indigenous]	20.00
4.	WRONZ Drying Oven with drums for moisture content, dry weight & scouring yield. [Imported]	10.00
5.	Universal Textile Tensile Testing machine (UTM) for fibre, yarn fabric & felt with accessories and load cells (for strength & elongation measurement) [Imported]	50.00
6.	Raw wool scouring system conforming to IWTO Standards [Indigenous]	10.00
7.	Wrap Reel [Indigenous]	0.40
8.	Conditioning chamber [Indigenous]	3.00
9.	Hot plate [Indigenous]	0.10
10.	Water Bath With Thermostat Controller [Indigenous]	0.10
11.	Rapid Oil Extractor for grease content of wool [Indigenous]	0.50
12.	Digital Twist Tester [Indigenous]	0.40
13.	Portable Spectrometer for Yellowness & Whiteness Index of wool [Imported]	1.00
14.	Desiccator [Indigenous]	0.10
15.	Magnetic Stirrer [Indigenous]	0.10
16.	Other laboratory instruments and accessories @ Rs 2.0 lac each for mechanical testing & chemical testing labs	4.00
	TOTAL (Rs. In lakh)	183.8

Board further asked WRA to inform the consultancy charges for procurement of instruments for CWDB along with charges for imparting training to staff. Accordingly WRA has submitted the proposal and informed that they will procure the instruments on consultancy basis and shall charge 10% amount of the actual cost of the instruments. WRA proposed to arrange the training programme for the staff for a period of 1 month @ Rs.25000/- per person.

The tentative cost of the instruments worked out by WRA is Rs.183.8 Lakhs (which may vary at tendering stage) and according, consultancy charges of WRA shall be Rs.18.3 Lakhs. Board will send 4 persons at WRA for the training on these equipments which will cost Rs.1.00 lakh (@ Rs. 25000/- per head). As equipments are to be procured as per GR/ FR through open tendering, there will be expenses on paper advertisements. There will be many other misc. expenses including visits to Bikaner and at the place of manufacturing (of required equipments) also and thus 10% of actual procurement cost as consultancy charges seems to be reasonable.

On getting approval for above procurement of machineries, consultancy and training charges from the Project Committee and Executive Committee, WRA may be asked to go ahead with procurement of the equipments, accordingly so that within this FY 2013-14 all required equipments may be procured and installed at Bikaner laboratory.

III. Name of Scheme : Pashmina Wool Development Scheme :

Pashmina Wool Development Scheme was approved through SFC meeting on 30/01/2013 for implementation in XII Plan with total financial provision of Rs.41.21 Crore having various components. This scheme will be implemented in the Leh and Kargil districts of Ladakh region of the J&K State for development of pashmina wool.

Recently, a meeting was held under the Chairpersonship of Joint Secretary (Wool), MOT on 23/5/2013 at New Delhi and it was decided to provide minimum 10-15% of total allocation to LAHDC, Kargil also under the scheme. As per above decision and discussion of last Project Committee meeting (20th) under the projects of Leh and Kargil, the Board proposed component-wise bifurcation of funds under the scheme for both Leh and Kargil districts for implementation of projects in XII Plan, as under :

Component-wise financial allocation under Pashmina Development Scheme for LAHDC, Leh

(Rs. in Lakh)

S No.	Proposed modified Components	Unit	Total cost for 4 years	2013-14
1	Distribution of high quality Pashmina bucks (Non-tradition areas)	Bucks 600 X Rs. 5,000	30.00	7.5
2	Buck exchange programme (Tradition areas)	500 bucks X Rs. 2000	10.00	2.5
3	Assistance for foundation stock in non-traditional area of Pashmina rearing	45 families X Rs. 2.50 lakh per unit (50 animals @ Rs. 5,000)	112.5	28.125
4	Health Coverage (Medicines, vaccination, treatment including medical kits)	1.95 lakh animals X Rs. 18 X 4 years	140.4	35.10
5	Strengthening of existing of Fodder Banks / Fodder form	2 Banks/ Farms	50.00	25
6	Strengthening of existing Pashmina Breeding Farms	2 Farm	50.00	25
7	Establishment of Multi-purpose Extension Centres (MPEC) for nomads on migratory routes	Establishment of 3 MPEC on migratory routes having 4/5 big rooms (community halls, education, clinical arrangement, storage rooms etc.) @ Rs. 200 lakh for each Centre.		
8	Establishment of Pasture farm on migratory routes	2 new farm @ Rs. 267 lakhs per farm Pasture site of approx. 50 hectares size (1000 kanals) each site.	534	267
9	Feed Supplement (Provision of free distribution of nutrient supplement to eligible Pashmina goats (weak/ pregnant goats):	36,000 goat X 150 days annually X Rs. 5/- goat X 4 years coverage period	1080	270
10	Assistance for setting up Pashmina Goat Pen for protecting flocks	700 Pens X @ Rs. 15,000	105	26.25
11	Assistance for providing Portable Tents, Torch, Gumboots and Goggles	700 families @ Rs. 15,000/- family	105	26.25
12	Distribution of Improved Pashmina Combs for Efficient Harvesting of Pashmina	1300 combs @ Rs. 400/- comb	5.20	1.30

<i>S No.</i>	<i>Proposed modified Components</i>	<i>Unit</i>	<i>Total cost for 4 years</i>	<i>2013-14</i>
13	Training Programme/ Breeder Orientation/ Health Camps/	52 Camps @ Rs. 30,000/- camp	15.60	3.90
14	Up-gradation of existing Pashmina Dehairing Plant at Leh	Extension of Plant and machineries, WTC etc. as suggested by WRA within cost of Rs. 600 lakh.		
15	R&D Projects / Consultancy	R&D work on Pashmina wool & appointment of Consultant		
16	Overhead expenses to implementing agency for survey and registration of beneficiaries, stationery, monitoring, field visits, POL and provision for other misc. implementation expenses.	Rs. 10/ goat X 1.95 lakh goat X 4 years	78	19.5
		Total	2915.70	711.175

Note-

- Funds under establishment of pasture farm will be released on the basis of satisfactory progress of works/project.
- Funds for the up-gradation of Pashmina Dehairing Plant, Multipurpose Extension Center & R&D component shall be considered after getting the detailed project report and as per the demand from the implementing agency.

Component-wise financial allocation under Pashmina Development Scheme for LAHDC, Kargil

(Rs. in Lakh)

<i>S No.</i>	<i>Proposed modified Components</i>	<i>Unit</i>	<i>Total cost for 4 years</i>	<i>2013-14</i>
1	Distribution of high quality Pashmina bucks (Non-tradition areas)	Bucks 200 X Rs. 5,000	10.00	2.5
2	Buck exchange programme (Tradition areas)	100 bucks X Rs. 2000	2.00	0.5
3	Assistance for foundation stock in non-traditional area of Pashmina rearing	5 families X Rs. 2.50 lakh per unit	12.50	5.0
4	Health Coverage (Medicines, vaccination, treatment including medical kits)	5000 animals X Rs. 18 X 4 years	3.6	0.90
5	Strengthening of existing of Fodder Banks / Fodder form	1 Banks/ Farms	25	25
6	Strengthening of existing Pashmina Breeding Farms	1 Farm	25	25
8	Establishment of Pasture farm on migratory routes	1 new farm @ Rs. 267 lakhs per farm Pasture site of approx. 50 hectares size (1000 kanals) each site.	267	267
9	Feed Supplement (Provision of free distribution of nutrient supplement to eligible Pashmina goats (weak/ pregnant goats):	4,000 sheep X 150 days annually X Rs. 5/- goat X 4 years coverage period	120.00	30.0
10	Assistance for setting up Pashmina Goat Pen for protecting flocks	100 Pens X @ Rs. 15,000	15.00	3.75
11	Assistance for providing Portable Tents, Torch, Gumboots and Goggles	100 families @ Rs. 15,000/- family	15.00	3.75

<i>S No.</i>	<i>Proposed modified Components</i>	<i>Unit</i>	<i>Total cost for 4 years</i>	<i>2013-14</i>
12	Distribution of Improved Pashmina Combs for Efficient Harvesting of Pashmina	200 combs @ Rs. 400/- comb	0.80	0.20
13	Training Programme/ Breeder Orientation/ Health Camps/	8 Camps @ Rs. 30,000/- camp	2.40	0.60
16	Overhead expenses to implementing agency for survey and registration of beneficiaries, stationery, monitoring, field visits, POL and provision for other misc. implementation expenses.	Rs. 10/ goat X 5000 goat X 4 years	2.0	0.50
		Total	500.30	364.7

- Funds under establishment of pasture farm will be released on the basis of satisfactory progress of works/project.

The Board intends to implement Pashmina Wool Development project in both districts of Ladakh region with financial provision of Rs. 711.175 lakh and Rs. 364.70 lakh for Leh and Kargil districts respectively during current Financial Year 2013-14 out of XII Plan allocation of Rs. 4121 lakhs under the Scheme.

As above, matter is placed before the Project Committee as per discussion of last Project Committee meeting (20th) and proposed component-wise bifurcation of funds under the scheme for both the districts of Ladakh region i.e. Leh and Kargil in compliance to direction of recent meeting called by the MOT on 23-05-2013 at New Delhi.

IV. Name of Scheme : Quality Processing of Wool Scheme

The Board has received following project proposal for setting up Common Facility Centre under the scheme of Quality Processing of Wool from Deptt. of Applied Chemical Science & Technology, Guru Nanak Dev University, Amritsar for upgradation of Textile Industrial Service Centre (TISC) at Guru Nanak Dev Univ., Amritsar. Under 12th Plan modified scheme, the CWDB also made provision to provide financial assistance for creating wool testing facilities.

SN	Implementing Agency	Name of machinery	Requirement of financial assistance in 2013-14	Name of instruments required for CFC	Remarks
1	Deptt. of Applied Chemical Science & Technology, Guru Nanak Dev University, Amritsar.	Proposal for upgradation of Textile Industrial Service Centre (TISC) at GN Dev Univ., Amritsar.	Rs. 50 lakhs for procurement of equipments for Laboratory in University.	i. Physical testing machines for fibre, yarn (UTM), Rs. 25 lakh, (ii) Light fastness/ heat fastness tester, Rs. 15 lakh (iii) Projection microscope, Rs. 10 lakh	

V. Name of Scheme : Social Security Scheme for insurance

The Central Wool Development Board is implementing Social Security Scheme for welfare of sheep breeders by providing insurance coverage to them and their sheep flock by

implementing two plans (i) Sheep Breeders Insurance Scheme and (ii) Sheep Insurance Scheme. Under 12th Plan scheme, the CWDB made provision to provide financial assistance to State Govt. Animal Husbandry Deptt.'s / Sheep & Wool Boards also if identical schemes are being implemented by them for their sheep Breeders/ Sheep in their State so that any duplicity can be checked and more and more sheep breeders can be benefited under the scheme.

The scheme will be implemented mainly through the State Sheep & Wool Development Boards/Corporations/Animal Husbandry Deptts/NGOs engaged in the development of Wool & Woollen in all wool producing States. The implementing agencies will be responsible to complete all necessary formalities regarding insurance for which Board will provide Rs. 1.00 per sheep/ year to the implementing agency for reimbursement of administrative expenses.

The CWDB would select the insurance companies for sheep insurance through open tendering basis as per prescribed rules. In case, where State Governments have their own scheme for sheep and shepherds insurance, the Board would provide financial assistance directly to concerned Govt. Department/Organization in the State.

Accordingly the Board has invited proposal from various State Govt. agencies. In this concern, Rajasthan Live stock Development Board, Jaipur has submitted their proposal. As per proposal Raj. Board is implementing "Avika kavach Bima Yojana" for Sheep insurance in Rajasthan state. Under this scheme total premium for sheep insurance is Rs.80/- for cost of sheep Rs.1600/-per sheep. Out of which the Raj. Govt. shares 25 % of total premium i.e. Rs.20/- & remaining amount of premium i.e. Rs. 60/- will be paid by the sheep breeder. In this scheme as the premium share of sheep breeder is high, Raj. Board proposed the CWDB to contribute 50% of the total premium i.e. Rs. 40/- & 25% of remaining premium i.e. Rs.20/- will be shared from state govt. fund & remaining 25% of premium i.e. Rs.20/- will be given by the sheep breeder. So that more & more breeders can take interest in the insurance.

As per proposal Raj. Wool federation proposed to insure 1.00 lac sheep of state & requested to the CWDB to sanction 50% of total premium i.e. Rs.40.00 lacs for 1.00 lac sheep.

S N	Implementing Agency	Project for	Financial assistance demanded	Remarks for consideration of proposal
1	Rajasthan Livestock Development Board, Govt. of Rajasthan, Jaipur	To cover one lakh sheep under Sheep Insurance Scheme	Rs. 48 lakh (Contribution of CWDB for one lakh sheep i.e. @ Rs. 48/- sheep)	(Help of 80% premium amount to sheep breeders i.e. Rs. 48 per sheep out of total premium of Rs. 60 per sheep). Detail note under proposal is enclosed as Annex.- VII
2	Andhra Pradesh Sheep & Goat Development Coop. Fed. Ltd., Govt. of Andhra Pradesh, Hyderabad	To cover two lakh sheep under Sheep Insurance Scheme	Rs. 113.22 lakh (Contribution of CWDB for two lakh sheep)	(Help of 80% premium amount to sheep breeders i.e. Rs. 31.45 or Rs. 62.90/- sheep out of total premium amount of Rs. 39.32 or Rs. 78.64/- sheep). Detail note under proposal is enclosed as Annex.- VIII
3	Karnataka Sheep & Wool Development	To cover 1.29 lakh sheep	Rs. 20.64 lakh (Contribution of	(Help of 80% premium amount to sheep breeders i.e.

Corporation, Bangalore (Karnataka)	under Sheep Insurance Scheme (0.40 + 1.60 lakh sheep)	CWDB for 1.29 lakh sheep i.e. @ Rs. 16 /- sheep)	Rs. 16 per sheep out of total premium of Rs. 20/- sheep). Detail note under proposal is enclosed as Annex.- IX.
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As above, matter is placed before Project Committee for discussion and recommendation to the Executive Committee for implementation of projects in FY 2013-14.

Annexure – I

Scheme : Sheep & Wool Improvement Scheme (Feed Supplement component)

Agency : Ladakh Autonomous Hill Development Council, Leh

The District Sheep Husbandry Officer, LAHDC, Leh has submitted a project proposal under Sheep & Wool Improvement Scheme (SWIS), IWIDP to cover 25000 sheep for a period of 90 days in Leh District under feed supplement component. To implement the SWIS, they requested for grant of Rs. 67.50 lacs for current financial year 2013-14.

In the year 2012-13, the Board has sanctioned & released Rs.225 lakh @ Rs. 3/- per sheep per day for 150 days in a year (as a special case) in favour of LAHDC, Leh for feed distribution for 50,000 eligible sheep. However due to unprecedented snow fall resulting in to crisis and starvation deaths, the quantity of nutrient supplement purchased/stocked and meant for 50,000 had to be fed/distributed to save 1,92,981 sheep and goats under emergency circumstances. A copy of proposal submitted by District Sheep Husbandry Officer, LAHDC, Leh enclosed herewith for perusal & Consideration.

As per CWDBs scheme provision for feed supplement to eligible sheep in dry, rain fed area such as desert of Rajasthan and Ran(Kutch-Bhuj) area of Gujarat and cold desert area of Ladhak region of J.&K. State with cost @ Rs. 3/- sheep per day for 3 months (90 days) in a year to eligible sheep i.e. weak/pregnant sheep.

In the light of above fact, matter is submitted before Project Committee of CWDB for discussion & approval of the project as above along with post facto approval for covering more sheep in earlier project of feed supplement due to emergency case.

Scheme : Sheep & Wool Improvement Scheme (Feed Supplement component)

Agency : Ladakh Autonomous Hill Development Council, Kargil

The District Sheep Husbandry Officer, LAHDC, Kargil has submitted a project proposal under Sheep & Wool Improvement Scheme (SWIS), IWIDP to cover 28,310 no. of sheep especially in Drass, Zaskar and some upper reaches in Kargil block under feed supplement component. To implement the SWIS, they requested for grant of Rs. 2.12 crore for current financial year 2013-14. Geographically entire Kargil falls under extreme cold climate Zone.

They requested to provide quality nutrition supplement to vulnerable pregnant sheep of very remote and coldest villages of Kargil during most crucial period of winter stall feeding, as per the standing guide lines. All necessary thread bare steps shall be taken care of regarding procurement, storage and distribution of feed supplement to the most deserving livestock during the current financial year.

Only breedable ewes are taken in to account from total 1,13,232 sheep population of the entire district out of which 25% eligible ewes @ Rs.750/- animal shall be provided nutrition supplement during the current financial year. A copy of proposal submitted by District Sheep Husbandry Officer, LAHDC, Kargil is enclosed herewith for perusal & Consideration.

As per CWDBs scheme provision for feed supplement to eligible sheep in dry, rain fed area such as desert of Rajasthan and Ran(Kutch-Bhuj) area of Gujarat and cold desert area of Ladhak region of J.&K. State with cost @ Rs. 3/- sheep per day for 3 months (90 days) in a year to eligible sheep i.e. weak/pregnant sheep.

However in the year 2012-13, the Board has sanctioned & released Rs. 112.50 lakh @ Rs. 3/- per sheep per day for 150 days in a year (as a special case) in favour of LAHDC, Kargil for feed distribution for 25,000 sheep. But LAHDC, Kargil received only 150 quintal feed before closure of Srinagar-Kargil road. Deputy Commissioner/CEO, LAHDC, Kargil has requested for revalidation of the unspent amount of Rs. 45.00 lacs for year 2013-14 vide their letter no. DC-4/ACCTT-127/CWDB/SWIS/12 dt. 16-03-2013. The Board has granted permission for revalidation of funds for the financial year 2013-14. Utilization Certificate & progress report of the grant under SWIS is awaited. Now, LAHDC, Kargil has again submitted a new proposal for feed supplement to cover 28,310 sheep under Feed Supplement component.

In the light of above fact, matter is submitted before Project Committee of CWDB for discussion & perusal.

Annexure- III

Name of Scheme : SWIS : Proposal from Andhra Pradesh State to cover 2 lakh sheep

The Managing Director, Andhra Pradesh Sheep & Goat Dev. Co-op. Fed. Ltd., Hyderabad has submitted a project proposal under IWIDP- SWIS to cover 2.00 sheep of Deccani Tract of 9 districts (Ranga Reddy, Nizamabad, Medak, Adilabad, Khammam, Mahabubnagar & Warangal, Nalgonda and Karimnagar) of Andhra Pradesh State. To implement the SWIS, they requested grant of Rs. 439.00 lacs for four year project period 2013-14 to 2016-17. As per the proposal, total sheep population of Andhra Pradesh is 264.23 lacs as per provisional livestock census 2012, out of total sheep population, 128.76 lacs of sheep is in Deccani Tract 9 districts of Andhra Pradesh.

Andhra Pradesh Sheep & Goat Dev. Co-op. Fed. Ltd., Hyderabad proposed to take up following activities-

1. Health Care of sheep- proposed funds for total 2.00 lacs sheep @Rs. 18.00/sheep/year
2. Breed Improvement
 - A. Strengthening/Establishment of Sheep Breeding Farm- 3 farms per year @ Rs. 20.00 lacs per farm
 - B. Distribution of Stud Rams under Breed Improvement- 300 Stud rams will be distributed under this component @ Rs. 5,000 each Ram.
3. Reimbursement of overhead expenses to implementing agencies- To cover 2.00 lacs sheep @ Rs. 5/- per sheep per year

Details of component wise Physical & financial targets is as follows-

(Rs. in lakhs)

component	2013-14		2014-15		2015-16		2016-17		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Health Care	2.00	36.0	2.00	36.00	2.00	36.00	2.00	36.00	8.00	144.00
Distribution of Stud Ram under Breed Improvement	3 farms	60.0	3 farms	60.00	3 farms	60.00	3 farms	60.00	15 farms	240.00
Distribution of Stud Ram	100	5.00	100	5.00	100	5.00			300	15.00
Reimbursement of overhead expenses to I.A.	2.00	10.0	2.00	10.00	2.00	10.0	2.00	10.00	8.00	40.00

The Board has already sanctioned a SWIS Project for covering 2.00 lacs sheep to A.P. Sheep & Goat Dev. Co-op. fed. Ltd., Hyderabad during 11th plan and final U.C. of grant is still awaited.

The Board has also sanctioned a new SWIS Project for covering 2.00 lacs sheep to A.P. Sheep & Goat Dev. Co-op. fed. Ltd., Hyderabad in financial year 2012-13 of 12th plan. This is also ongoing project during 12th Plan.

The I.A. has proposed to continue 11th plan SWIS Project to the 12th plan period with financial outlay of Rs. 31.00 crore.

In the light of above situation & observation, it will not possible for CWDB to sanction new SWIS Project for the same areas of 11th Plan without settlement of previous grant already released during 11th plan & unspent balance available with I.A. must be taken in to account before further released are made.

Therefore proposal received from the A.P. Sheep & Goat Dev. Co-op. fed. Ltd., Hyderabad is place before P.C. with above observation for perusal.

Project Summary of R&D Projects

A. Name of Scheme:- R&D projects under Human Resources Development Scheme

Implementing Agency- Wool Research Association, thane (Maharashtra)

A. Project Name- Design & Development of Indian wool based smart textiles having thermoregulatory properties using phase change material (PCM)

Broad subject: technical textiles

Project under Scheme of CWDB- Human Resources Development Scheme.

About Project- In this project, it is proposed to develop the Indian wool based fabrics having thermoregulatory properties using phase change materials (PCM). First of all, Wool fiber will be blended with the other synthetic fibers like polestar etc. in different blend compositions to develop the yarn of count range 20-40 Nm on worsted ring spinning system. After that, fabric will be developed with varying GSM according to the end use. Further, micro- encapsulated phase change materials will be applied on the fabric to enhance the thermal properties of the fabrics. The phase change materials can be classified as either an organic compound such as paraffin waxes or a inorganic compounds like hydrated slats. Organic PCMs have certain advantage & disadvantages Advantages like organic PCMs have high volumetric latent heat storage capacity, low cost and easy availability, sharp melting point, high thermal conductivity, non – flammable etc. Hence application of both classes will be carried out & the optimization of process will be achieved during the trials.

- Objective:-**
- a. To develop Indian wool based fabrics in blends with other synthetic fibers.
 - b. Application of micro-encapsulated phase change material (PCM) n these fabrics.
 - c. Optimization & standardization of the process parameters.

Out come of the project: A range of methods and trial taken in the project/material/information/ reports/ publication/ products/ samples will be used to deliver as a project outcome to the industry. The outcome of the project work will be readily adopted by the worsted industry as they are manufacturing suiting and shirting. The process of application of phase change material can be transferred to the interested industries through workshop, seminar, product trials & application.

Duration of project- 2 years (24 Months)

Total Project cost for - Rs.52, 75,200/-

Non Recurring/Equipment cost- Rs. 20, 00,000/-

Recurring Cost:- Rs.32, 75,200/-

Budget Estimates: Summary

S.no.	Item	Budget in Rupees		
		1 st year	2 nd Year	Total
A	Recurring			
1.	Salaries/Wages	7,20,000	8,28,000	15,48,000/-
2.	Consumables	2,00,000	2,00,000	4,00,000/-
3.	Travel	1,00,000	1,00,000	2,00,000/-
4.	Consultancy Other costs (trials/testing)	3,50,000	3,50,000	7,00,000/-
	Totals recurring	13,70,000/-	14,78,000/-	28,48,000/-
B	Overheads 15% of recurring cost)	2,05,500/-	2,21,700/-	4,27,200/-
C	Equipment	20,00,000/-	---	20,00,000/-
	Total project (A+B+C)	35,75,500/-	16,99,700/-	52,75,200/-

B. Name of Scheme:- R&D projects under Human Resources Development Scheme

Implementing Agency: Wool Research Association, thane (Maharashtra)

B. Project Name:- Use of Indian wool in development of technical textiles like nonwoven mesh for moisture management, filtration fabrics, wipe, insulating mats, roof-liners, sport shoe liner etc.

Broad Subject:- Technical Textile.

Project under Scheme of CWDB- Human Resources Development Scheme.

About Project:- Existence of Textile industry dates back to several thousand years ago, clothing being one of the primary needs of human being. However, Technical Textiles, the way in which we perceive this term today are quite younger than traditional textiles.

Last two decades have seen tremendous growth in the application of fibrous materials in the non conventional sectors like protective clothing, medical products, automotive components, geo-textiles, building materials, sports and so on. These newer application requirements led to phenomenal development in the area of polymers, fibers and downstream processes to meet the challenges. In the textile industry, technical textiles are the most dynamic one and are a promising area for the future of textile industry.

“Technical Textiles are Textile materials and products manufactured primarily for technical and performance properties rather than their aesthetic or decorative characteristics”

Definition of Problem: Presently very coarse Indian wools are unusable and go as a waste fiber without utilization. If this wool is better utilized for development of products useful for technical textile application, it would help in improving the rural economic condition in the country. While the grade and medium grade wool and their waste can be used in the field of technical textile.

- Objectives:**
- a. To explore the possibility of using Indian wool fibers in technical textile.
 - b. Coarse wool fibers will be used as geo-textile, in an agriculture field for moisture management and as a nutritional medium.
 - c. Use of medium grade wool in automobile as a roof liner, shoe liner.
 - d. Use of fine grade wool and its waste in the field of medical and sport textile.
 - e. A non – woven one time use wipes for industrial and home use.

Expected Outcome from the project:

If implementing, the rural economy up-liftment of growers is expected to help national economy. Also in terms of product patent/manufacturing license, it is expected to generate usual royalty and technology transfer fees.

Duration of project-	2 years
Total Project cost for -	Rs.47,13,600/-
Non Recurring/Equipment cost-	Rs. 500000/-
Recurring Cost:-	Rs. 4213600/-

Budget Estimates: Summary

S.no.	Item	Budget in Rupees		
		1 st year	2 nd Year	Total
A	Recurring			
1.	Salaries/Wages	960000	1104000	2064000
2.	Consumables	300000	300000	600000
3.	Travel	200000	300000	500000
4.	Other costs (trials/testing)	200000	300000	500000
	Totals	1660000	2004000	3664000
4.	Overheads 15% of recurring cost)	249000	300600	549600
B.	Equipment	500000	0	500000
	Grant Total(A+B)	2409000/-	2304600/-	4713600/-

Equipment to be required: Air permeability Tester (OFDA 100, Almeter, FAST, Shimadzu, Uster-UT4, Abrasion Tester, Busting Strength Tester.)

C. Name of Scheme:- R&D projects under Human Resources Development Scheme

Project Summary

Implementing Agency: Wool Research Association, thane (Maharashtra)

C. Project Name:- Development of Indian wool – SAP Polymer mix product for agrarian use as fertilizer.

Broad Subject:- Technical Textile.

Project under Scheme of CWDB- Human Resources Development Scheme.

About Project- Fertilizers are substances that supply plant nutrients or amend soil fertility. They are the most effective means of increasing crop production and of improving the quality of food and fodder. Fertilizers are used in order to supplement nutrient supply in the soil. Fertilizers typically provide, in varying proportions. The three primary macronutrients: nitrogen (N), Phosphorus (P), and potassium (K). The three secondary macronutrients: calcium (Ca), Sulphur(S), Magnesium (Mg) and the micronutrients (trace minerals): boron (B), chlorine (cl), manganese (mn), iron (fe), Zinc (Zn), copper (cu), molybdenum (mo) and selenium (se). The macronutrients are consumed in larger quantities and are present in plant tissue in quantities from 0.2% to 4.0 % (on a dry matter weight basis) micronutrients are consumed in smaller quantities and are present in plant tissue in quantities measured in part per million (ppm), ranging from 5 to 200 ppm, or less than 0.02 % dry weight. Wool fibers contain 17% of nitrogen, one of the primary fertilizer ingredient and 4 % sulphur which is secondary ingredient of fertilizer. Idea of the project is to make the wool fibers in their readily digestible form process will be to convert wool fibers in power/pulp from then reducing this wool powder to break – S=S- bonds and then enzyme treatment to this reduced form of wool to make it further readily digestible. Super absorbent polymers (SAP) are already in market and are used in small quantity as fertilizers to retain the moisture as SAP can retain 100-300% of moisture of their own weight. It solidifies crystals of water helping to retain water for the plants and effectively checks soil erosion. In this project the partially degraded form of wool powder will be graft polymerized with superabsorbent polymers like Poly acrylic acids with an aim to take advantage of both SAP and wool powder as SAP is expected to hold huge amount of water and wool powder will provide nutrition in the form of nitrogen and sulphur, in the form of primary and secondary micronutrients.

Definition of the problem:- Super absorbent polymer grafted wool powder/pulp will retain 100-300 times of water on weight basis and wool after degradation will provide essential nutrient to soil. Use of organic fertilizer along with the proposed one will solve

the problem of using synthetic fertilizers especially in drought prone area farming.

Objectives:- To develop super absorbent polymer (SAP) grafted wool powder/pulp to be used as fertilizers in drought prone agricultural area.

Outcome of the project: Coarse Indian wool having diameter above 50 μ finds very less applications or it is waste. After grafting of super absorbent polymer onto wool powder will find new applications area.

Duration of project- 2 years (24 Months)

Total Project cost for - Rs.47, 83,650/-

Non Recurring/Equipment cost- Rs. 7,00,000/-

Recurring Cost:- Rs. 40,83,650/-

Budget Estimates: Summary

S.no.	Item	Budget in Rupees		
		1 st year	2 nd Year	Total
A	Recurring			
1.	Salaries/Wages	1140000	1311000	2451000
2.	Consumables	400000	---	400000
3.	Travel	100000	200000	300000
4.	Other costs (trials/testing)	300000	100000	400000
	Totals	1940000	1611000	3551000
4.	Overheads 15% of recurring cost)	291000	241650	532650
B.	Equipment	700000	--	700000
	Grant Total(A+B)	29,31,000/-	18,52,650	47,83,650/-

Proposal of Raj. Live stock Board, Jaipur for Social Security Scheme.

Sheep Insurance scheme under Social Security provides insurance cover to sheep in the case of accident including fire, lightening, storm, tempest, flood, inundation, famine ad diseases contracted or occurring during the period of the policy for project areas. The sheep Insurance plan is based on Livestock Insurance Schemes.

During 12th plan, under this scheme financial assistance will be provided to state Govt. Animal husbandry Deptt.'s/sheep Board also if identical schemes are being implemented by them for their sheep breeders/sheep so that any duplicity can be checked and more & more sheep breeders can be benefited under the scheme. The CWDB will subsidies 80% of the sheep breeder's contribution for his/her sheep by making lump-sum payment to state Govt.

Accordingly the Board has invited proposal from various state govt. agencies. In this concern Rajasthan Live stock Development Board, Jaipur has submitted their proposal. As per proposal Raj. Board is implementing "Avika kavach Bima Yojana" for Sheep insurance in Rajasthan state.

Under this scheme total premium for sheep insurance is Rs.80/- for cost of sheep Rs.1600/-per sheep. Out of which the Raj. Govt. shares 25 % of total premium i.e. max. Rs.20/- & remaining amount of premium i.e. Rs.60/- will be paid by the sheep breeder.

In this scheme as the premium share of sheep breeder is high, Raj. Board proposed the CWBD to contribute 80% of the sheep breeder's contribution for his/her sheep i.e. Rs. 48/- & remaining 20% of premium i.e. Rs.12/-will be given by the sheep breeder. So that more & more breeders can take interest in the insurance.

As per proposal Raj. Wool federation proposed to insure 1.00 lac sheep of state & requested to the CWDB to sanction 80% of premium of sheep breeder's contribution i.e. Rs.48.00 lacs for 1.00 lac sheep.

Proposal of Andhra Pradesh Sheep & Goat Development Cooperative Federation Ltd., Hyderabad for Social Security Scheme.

Sheep Insurance scheme under Social Security provides insurance cover to sheep in the case of accident including fire, lightening, storm, tempest, flood, inundation, famine and diseases contracted or occurring during the period of the policy for project areas. The sheep Insurance plan is based on Livestock Insurance Schemes.

During 12th plan, under this scheme financial assistance will be provided to state Govt. Animal husbandry Deptt.'s/sheep Board also if identical schemes are being implemented by them for their sheep breeders/sheep so that any duplicity can be checked and more & more sheep breeders can be benefited under the scheme. The CWDB will subsidize 80% of the sheep breeder's contribution for his/her sheep by making lump-sum payment to state Govt.

Accordingly the Board has invited proposal from various state govt. agencies. In this concern Andhra Pradesh Sheep & Goat Development Cooperative Federation Ltd., Hyderabad (A.P.) has submitted their proposal. As per proposal Andhra Pradesh Sheep & Goat Development Cooperative Federation Ltd., Hyderabad (A.P.) is implementing Sheep insurance Scheme from 2006 in Andhra Pradesh state.

Under this scheme total premium for sheep insurance is Rs.109.32/- for cost of sheep Rs.1500/-per sheep (between 4 to 12 months age) & Rs.218.64/- for cost of sheep Rs.3000/-per sheep(for 1 to 7 year age). Out of which the State Govt. shares 2/3rd of total premium i.e.Rs.70/- & 140/- respectively & remaining 1/3rd + S.T. (12.36%) amount of premium i.e. Rs.39.32/- & 78.64/- respectively will be paid by the sheep breeder. In this scheme as the premium share of sheep breeder is high, Andhra Pradesh Sheep & Goat Development Cooperative Federation Ltd., Hyderabad (A.P.) proposed the CWDB to contribute 80% of the sheep breeder's contribution for his/her sheep i.e. Rs. 31.45/- & Rs.62.90/- respectively & remaining 20% of premium i.e. Rs.7.87/-& 15.74/-will be given by the sheep breeder. So that more & more breeders can take interest in the insurance.

As per proposal Andhra Pradesh Sheep & Goat Development Cooperative Federation Ltd., Hyderabad (A.P.) proposed to insure 2.00 lacs sheep of state in the year 2013-14 & total 8.00 lacs sheep in next 4 yrs.& requested to the CWDB to sanction 80% of premium of sheep breeder's contribution i.e. Rs.113.22 lacs for 2.00 lac sheep.

As above matter is placed before P.C for perusal & consideration.

Proposal of Karnataka Sheep & Wool Development Corporation, Bangalore for Social Security Scheme.

Sheep Insurance scheme under Social Security provides insurance cover to sheep in the case of accident including fire, lightning, storm, tempest, flood, inundation, famine and diseases contracted or occurring during the period of the policy for project areas. The sheep Insurance plan is based on Livestock Insurance Schemes.

During 12th plan, under this scheme financial assistance will be provided to state Govt. Animal husbandry Deptt.'s/sheep Board also if identical schemes are being implemented by them for their sheep breeders/sheep so that any duplicity can be checked and more & more sheep breeders can be benefited under the scheme. The CWDB will subsidize 80% of the sheep breeder's contribution for his/her sheep by making lump-sum payment to state Govt.

Accordingly the Board has invited proposal from various state govt. agencies. In this concern Karnataka Sheep & Wool Development Corporation, Bangalore (Karnataka) has submitted their proposal. As per proposal Karnataka state is implementing Sheep insurance Scheme through Corporation.

Under this scheme total premium for sheep insurance is Rs.112.36/- for cost of sheep Rs.2500/-per sheep. Out of which the State Govt. (Karnataka Sheep & Wool Development Corporation) shares Rs.92.36/- & Rs.20/- will be paid by the sheep breeder. Karnataka Sheep Corporation proposed CWDB to contribute 80% of the sheep breeder's contribution for his/her sheep i.e. Rs. 16/ per sheep & remaining 20% of premium i.e. Rs.4 /-will be given by the sheep breeder. So that more & more breeders can take interest in the insurance.

As per proposal Karnataka Sheep & Wool Development Corporation, Bangalore proposed to insure 1.29 lacs sheep of state in the year 2013-14.& requested to the CWDB to sanction 80% of premium of sheep breeder's contribution i.e. Rs.20.64 lacs for 1.29 lac sheep.

As above, the matter is placed before P.C for perusal & consideration.