

**SUPPLEMENTARY AGENDA ITEMS FOR 42nd EXECUTIVE
COMMITTEE MEETING OF CWDB TO BE HELD ON 11th JULY, 2013**

Note : Guidelines for Pashmina Wool development scheme is under approval from Ministry of Textiles and this supplementary agenda shall be discussed subject to approval of the same.

I. Name of Scheme : Pashmina Wool Development Scheme :

**A. Name of Agency : Ladakh Autonomous Hill Development Council,
(LAHDC), Leh**

Project Committee review the recommendation of its previous (20th) meeting held on 11.3.2013 and after detailed discussion recommended fresh component wise bifurcation of funds, between LAHDC, Leh and LAHDC, Kargil under the Pashmina Scheme as per decision taken during the meeting held by MOT on 23/5/2013 for implementation of projects during XII plan in Ladakh region, as under-

**a) 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	Provision for 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

S No	Proposed modified Components	Unit	Total cost for 4 years	Provision for 2013-14
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
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.	600	**
15	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 after submission of Detail Project Report (DPR) by concerned agencies.**

**B. Name of Agency : Ladakh Autonomous Hill Development Council,
(LAHDC), Kargil**

(Rs. in Lakh)

S No.	Proposed modified Components	Unit	Total cost for 4 years	Provision for 2013-14
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
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

S No.	Proposed modified Components	Unit	Total cost for 4 years	Provision for 2013-14
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

Note- *Funds under establishment of Pasture Farm will be released after submission of Detail Project Report (DPR) by LAHDC, Kargil.

C. Name of Agency : Wool Research Association, Thane : Upgradation of Existing Pashmina Dehairing Plant at Leh

A Pashmina dehairing plant had established up by the CWDB, MOT in Leh for value addition of the Pashmina wool in the year 2005 and is running by LAHDC, Leh. In subsequent years LAHDC has started to procure more quantity of pashmina fiber therefore need arises to enhance the capacity of existing dehairing plant with other facilities. Fiber testing equipments are also required to test the fiber and other properties of pashmina wool for value addition and to provide more returns to pashmina wool growers from this specialty fiber.

Wool Research Association, Mumbai has also suggested the extension of the existing dehairing plant along with setting up a specialty fibre testing laboratory. According it has been proposed in Pashmina Wool Development Scheme for implementation during 12th Plan to strengthen this existing Pashmina Dehairing Plant by installing some new machineries for utilization of Plant with its full capacity with total financial provision of Rs. 600 Lakh.

The WRA has recently submitted a proposal for up gradation of above dehairing plant at Leh by installing following equipments/facilities during 12th Plan period with total approved financial provision of Rs. 599.30 lakh, as under:

Sr No	Cost Elements	Estimated Cost (Rs. In lakhs)
1.	Testing Laboratory	28.30
2.	Training fees	3.00
3.	New Machineries	483.00
4.	Repair /Renovation of the Building	30.00
5.	Consultancy fees	55.00
	TOTAL	599.30

Above upgradaton work would be done by WRA as per revised DPR with total estimated cost of Rs. 6.00 crore within 30 months period on consultancy basis to upgrade the plant in respect of setting up the laboratory and new machinery, formulation of Quality Control System, selection and installation of machineries.

Detailed Project Report (DPR) for up gradation of Pashmina Dehairing Plant at Leh submitted recently by WRA is enclosed as **Annexure- I** and placed before the Executive Committee for consideration and approval of Rs. 6 Crore under prescribed scheme of Pashmina Wool Development scheme. Funds for this work shall be transferred to WRA in installments by CWDB as per work progress.

**REVISED DPR OF
CONSULTANCY FOR UPGRADATION
OF PASHMINA PLANT AT LEH**

Background

On the instruction of Secretary (Textiles) in October 2012, Wool Research Association prepared a Detailed Project Proposal (DPR) for up gradation of Pashmina Plant at Leh. The same was reviewed and submitted to CWDB, with copy endorsed to Joint Secretary (Wool), vide WRA Letter No.WRA/97.5/293/2013-2014 dated 20th May 2013 (**Annexure 'A'**). The DPR was presented by the Director, WRA in a meeting chaired by Smt. Monika Garg, Joint Secretary (Wool), Ministry of Textiles on 23rd May, 2013, to discuss issues related to Pashmina Wool Development Scheme.

The DPR consisted of the following Work Elements :

Sr No	Work Elements	Estimated Cost (Rs. In lakhs)
1.	Setting up of Pashmina Wool Testing Lab at Leh	50.80
2.	Training of Staff of Pashmina Plant	3.00
3.	Immediate repair of existing Scouring and Dehairing Plant	9.43
4.	Upgradation of Present Plant	58.20
5.	New Machineries for additional capacity for 20 tonnes.	730.00
6.	Consultancy fees (10%)	85.14
	TOTAL	936.57

However, the CWDB vide their letter No. CWDB/SFC/12th Plan/3401dated 8th Feb 2013 informed that MOT has made provision of Rs. 6.00 crores only, for up gradation of existing Pashmina Plant at Leh under 'Pashmina Wool Development Scheme'. Director, WRA made it clear in the meeting held on 23rd May 2013, that it will not be possible to include all the work elements like setting up the lab, repair and upgradation of the plant, training, purchase of new machineries, consultancy fees, etc., with the allocated amount of Rs.6.00 crores. The chair person ruled that it might not be necessary to repair and upgrade the existing plant, as new machines would take care of the available quantity of raw pashmina that could be procured by the

LAHDC with its limited working capital. Accordingly, minutes of the meeting held on 23rd May 2013 recorded the following :

“(XIV) **Upgradation of existing Pashmina Plant** : CEC, LAHDC pointed out that the capacity of the present dehairing plant remained under utilized owing to the Council having limited working capital to procure the raw pashmina wool. WRA was asked to keep this in view and prepare a revised DPR having road map, time bound activities, step by step action plan repairing of the existing plant, installation of new plant / laboratory including building if required, within allocated fund of Rs. 600 lakhs in consultation with LAHDC and submit it to CWDB. The plan should also incorporate the AMC component to ensure smooth functioning of equipments.”

The chairperson of the meeting viz. Joint Secretary (Wool), on a query from Director, WRA clarified that repair and upgradation of the existing plant could be avoided considering the availability of limited fund and installation of new plant would suffice to cover the raw pashmina that would be procured by LAHDC. She also clarified the role of WRA as the consultant, who would provide all technical help like formulation of specification of plant and equipments, preparation of Tender Documents, supervision of installation and commissioning, etc. The fund would be released to LAHDC who will take procurement action and make other logistic arrangement, site preparation, etc. It was also deliberated that new buildings for the plant would not be required, as the present accommodation after the old plant is removed would be available for new machineries.

Revision of earlier DPR

A Detailed Project Report (DPR) has already been prepared by Wool Research Association for Upgradation of Pashmina Plant at Leh, as mentioned earlier. The same has been reviewed, examined thoroughly to match the available financial outlay of Rs.6.00 crores.

Following are the observations on review :

1. Pashmina Wool Testing Laboratory at Leh (corresponding to Annexure ‘A’ of original DPR)

It has been decided to set up the laboratory, as proposed in the DPR, except that the optimization of the requirement was expedient by removing lesser priority instruments. Accordingly, it is proposed to procure the essential instruments / equipments given in Table –I.

Table –I

Sr. No.	Parameter	Instruments/Equipments	Estimated Cost (Rs. in lakhs)
1.	Fibre Yield % (including residual grease content, moisture content, vegetable matter, etc.)	<ul style="list-style-type: none"> • Shirley Trash Analyser (opener) • Hydro Extractor • Drying Oven • Hot plate • Desiccators • Soxhlet Assembly • Rapid Oil Extractor • Sample Conditioning Chamber 	5.00
			2.00
			1.00
			0.15
			0.15
			0.20
			0.50
			3.00
2	Fibre Identification & Fibre Diameter	<ul style="list-style-type: none"> • Projection Microscope with accessories 	8.00
3.	Fibre Length	<ul style="list-style-type: none"> • Comb sorter 	0.40
4.	Moisture & Humidity Monitor	<ul style="list-style-type: none"> • Moisture Analyser • Humidity Chart Recorder • Dry & Wet Thermometer unit 	1.00
			0.20
			0.10
5.	Chemical Analysis	<ul style="list-style-type: none"> • Lab Water Distillator • Digital pH meter • Analytical Digital Balance • Chemicals & Glasswares • Thermostat water bath, Magnetic Stirrer, Window A/C, heater, Humidifier or climatizer 	0.30
			0.30
			2.00
			1.00
			3.00
		TOTAL	28.30

Note : (i) The estimated cost of the major machines include AMC for 3 years.

(ii) Estimated cost of imported machines are subject to F.E. fluctuations.

2. Immediate repair to be carried out (corresponding to Annexure 'B' of original DPR)

In the light of the discussion in the meeting held on 23rd May, 2013 at New Delhi to discuss issues related to Pashmina Wool Development, repair of the existing plant is dropped due to financial constraints.

3. Upgradation of the Present Plant (corresponding to Annexure ‘B-1’ of original DPR)

In the light of the discussion in the meeting held on 23rd May, 2013 at New Delhi to discuss issues related to Pashmina Wool Development, upgradation of the present plant is dropped due to financial constraints.

4. New Machines to be installed (corresponding to Annexure ‘B-2’ of original DPR)

Considering the availability of limited fund, the list of new machineries reflected in the original DPR has been pruned down to include the essential machineries as given in Table II

Table II

Sr No	Machines / Equipments	Estimated Cost (Rs. In lakhs)
1.	Modern Scouring Plant	150.00
2.	Dehairing Plant (Preferably Italian make)	300.00
3.	Utility (Boiler, Solar heating system, pipeline and other accessories /auxiliaries)	33.00
	TOTAL	483.00

Note : (i) Estimated cost of machines includes AMC for 3 years.

(ii) Estimated cost of imported machines are subject to F.E. fluctuations.

5. Building & Infrastructure

Since new plant will replace the existing plant, there will not be any necessity to construct new buildings and additional accommodation. Before arrival of the new machines the existing plant and machineries will have to be disposed off by LAHDC to make space for installation and commissioning of the new plant. However, the present building may require repair/renovation before the new plant would be installed. Such expenses are estimated to be Rs.30.00 lakhs. For laboratory the existing accommodation will suffice.

6. Training

Training of LAHDC Lab will take place at WRA lab for 10 persons. Training fees will be Rs. 3.00 lacs.

7. Consultancy fees

For setting up the project, Wool Research Association will be proactive to offer consultancy to LAHDC to upgrade the plant in respect of setting up the laboratory and new plant, formulation of Quality Control System, selection and installation of machineries, etc.

WRA will levy a consultancy fee of 10% of the total project cost. Besides, LAHDC/CWDB will bear the expenses in respect of travel, hotel, local transport and other related matter of WRA Technologists/ Scientists engaged in the project.

8. Major activities to be undertaken

S. No.	Activity	Period
1.	To set up a Testing Laboratory at Leh with financial assistance from CWDB. <ul style="list-style-type: none">Assistance in floating of tender for procurement of testing instrumentsOpening of tender bidSelection and negotiation with vendorsDelivery of instrumentsInstallation of instruments	10 months
2.	Upgradation of Pashmina Plant at Leh. <ul style="list-style-type: none">Assistance in disposal of existing plant.Assistance in floating of tender for procurement of new machineriesOpening of tender bidSelection and negotiation with vendorsDelivery of machineriesInstallation of machineries	20 months
Total duration		30 months

9. Time Bound Activities

Sr. No	Activities	Time Duration In months
1	Renovation of the building.	6
2	Preparation of testing lab.	2

3	Identification the quality suppliers for the quality instruments as listed in the proposal.	1
4	Preparation of tender document for tendering the instruments.	1
5	Identifying the probable suppliers for all the machineries & infrastructure for scouring and dehairing for the new set up and as listed in the proposal.	1
6	Preparation of tender document for machineries and infrastructure.	1
7	Floating of tenders for instruments, machineries & infrastructure.	1
8	Receiving of tenders from the prospective suppliers.	2
9	Opening of tenders for instruments & machineries.	2
10	Placing the order for instruments & machinery for the respective suppliers.	1
11	Shifting of old machinery to the temporary shed / disposal	1
12	Preparation of existing building for installing state of the art modern preparatory, scouring and drying machine	3
13	Receiving the new instruments for setting up of quality control laboratory.	2
14	Installation of new laboratory instruments in quality control laboratory.	5
15	Receiving the new preparatory, scouring & dehairing machinery.	1
16	Installation of new machines in existing building.	6
17	Installation of Boiler, Solar heater & instrumentation and gadgets for infrastructure developments related to new machineries.	3
18	Conducting trials on newly installed machineries.	2
19	Quality testing of the trial material on the newly installed instruments.	1
20	Quality training for the testing personnel	1
21	Training to shop floor personnel for quality processing of pashmina.	1
22	Training for personnel involved in utilities such as Boilers, Generators and Humidifiers, electrical and instrumentation.	1
23	Training for maintenance personnel for repair of machineries for day to day operations.	1
24	Training for plant management.	1

Note : Certain activities will run concurrently thereby total project will be completed in 30 months.

8. Break-up of Total Estimated Cost of the Project (corresponding to Annexure 'C' of original DPR)

Sr No	Cost Elements	Estimated Cost (Rs. In lakhs)
1.	Testing Laboratory	28.30
2.	Training fees	3.00
3.	New Machineries	483.00
4.	Repair /Renovation of the Building	30.00
5.	Consultancy fees	55.00
	TOTAL	599.30

CONCLUSION

As recorded in the minutes of the meeting held on 23rd May 2013 to discuss issues related to Pashmina Wool Development Scheme, WRA has prepared the Revised DPR.

Since the availability of fund was not adequate to follow the original DPR requiring a fund of about Rs.936.57, attempt has been made to optimize the upgradation of the plant within the available fund of Rs.600.00 lakhs, in the revised DPR. The main object of usefulness of the upgradation of the Pashmina Plant was not diluted as such, though it would have been expedient if more fund could be allocated as estimated in the original DPR, to ensure more capacity, flexibility and futuristic demands.

Revised DPR Prepared by
Wool Research Association

(M.K. Bardhan)
Director, WRA
