

“Build Back Better”

**RECONSTRUCTION AND REHABILITATION PROGRAMME FOR
THE LIVESTOCK INFRASTRUCTURE**

(To be read with ERRAs Livelihoods Rehabilitation Strategy)

**EARTHQUAKE RECONSTRUCTION AND REHABILITATION
AUTHORITY**

1. BACKGROUND

1.1 A severe earthquake measuring 7.6 on the Richter scale struck parts of the North West Frontier Province (NWFP) of Pakistan and Azad Jammu and Kashmir (AJK). In AJK three Districts (Bagh, Muzaffarabad and Poonch) were extensively damaged. About 80-90 percent of the population in Bagh and Muzaffarabad District and about 50 percent of the population in Poonch District were affected. In NWFP, the damage was more widespread with five districts affected (Abbottabad, Battagram, Kohistan, Mansehra and Shangla). The lives of tens of thousands have been drastically affected by the earthquake. People have lost family and friends, homes and the means of making a living. Many are traumatized and suffering from disabilities.

1.2 Any meaningful and sustainable rehabilitation of the affected population would not be complete without rehabilitation of the livelihoods. ERRA's Livelihoods Rehabilitation strategy aims at the restoration of sustainable livelihoods for the people at micro as well as macro level.

1.3 The affected areas do not have a significant industrial base and most of the people are employed in agriculture and related service sectors. Limited income earning capacity has been a major factor pushing people to seek off-farm employment resulting in large scale out-migration both within the country and overseas. Remittances provide substantial cash inflow into the area and allow many farm families to purchase food, as their needs cannot be met by their own production.

1.4 Livestock production activities are the major source of livelihood for majority of the population in the EQ affected districts and is an important component of the farming systems. The family needs of food and cash are largely met through livestock. Small land holdings and difficult topography still favours the use of draft animals. The migrants mainly men only return at certain times of the year such as land preparation and harvesting of crops and grasses for winter feeding.

1.5 For much of the year, old men, women and children dominate farms. Women have substantial control over decisions and resources. Livestock activities principally rely on women who control all aspects of management and production. However, in NWFP women are restricted to only those livestock activities that are carried out indoors.

Livestock Production

1.6 Livestock is usually one of the main assets of rural families. An average farmer may have 2-3 buffaloes and cattle, 5-8 sheep and goats and 15-20 chicken. Milk production and milk products form an essential part of the local diet; eggs and poultry are sometimes sold for cash. Cattle, buffaloes, sheep and goats are kept in pens in summer but in covered rooms adjacent to, or under, the main dwelling during winter. These sheds are often made of timber with very thick and heavy walls and roofs to keep out the cold. During summer, herds of cattle and sheep and goats are taken to alpine pastures. The small ruminants are well adapted to the rugged topography and utilise even the ranges inaccessible by other

livestock. Poultry is mainly kept in covered sheds and there are now a number of small to medium-scale poultry producers operating in these areas.

Table: Post-earthquake livestock population in the EQ Districts (2006)¹

District	Cattle	Buffalo	Sheep& Goat	Poultry
AJK				
Bagh	54855	42723	98101	75000
Muzzafarabad	142214	43523	224383	258405
Poonch	126014	111970	76025	58800
NWFP				
Mansehra	67651	61674	159760	515088
Battagram	67200	31051	141750	328006
Shangla	13340	6670	18400	78890
Abbotabad	19460	21420	49280	124950
Kohistan	37352	7728	263672	108192

Government Institutional Arrangements

1.7 **AJK:** Overall responsibility for agriculture and livestock is vested with the Secretary of Agriculture and Animal Husbandry. The Agricultural University at Rawlakot imparts agricultural education. AJK University offers multidisciplinary programmes. AJK has an extension services management academy (ESMA) at Muzaffarabad.

1.8 There are livestock establishments at District, Tehsil and Union Council level. At District and Tehsil level there are Veterinary Officers. At Union Council levels there are Field and Livestock Assistants who are diploma holders. In some cases these facilities have veterinarians. The Animal Husbandry Department was in the process of establishing a semen production unit at the Livestock Development Research Centre at the time earthquake struck. Vaccines, sera and medicines are purchased from Pakistan.

1.9 **NWFP:** In NWFP, there are separate Departments for Livestock and Dairy Development headed by Secretary Agriculture, Livestock and Cooperatives. NWFP Agricultural University conducts degree programmes in agriculture and livestock. There are adequate arrangements for training of support staff. The Livestock and Dairy Development Departments provide the extension services. There is a vaccine production unit at the provincial capital. At the District, Tehsil and Union Council level the extension and animal health services activities are performed by staff similar to those in AJK.

¹ Livestock and Dairy Development Department, Government of NWFP; Animal Husbandry Department, Government of Azad Jammu and Kashmir.

2. DAMAGE ASSESSMENT AND STANDARDIZATION

2.1 Livestock support facilities such as research centres, laboratories, training centres and extension centres have collapsed or suffered severe damage. Animal health facilities (veterinary stations and clinics) have been damaged. Stocks of medicines and other stores have also been destroyed due to collapse of structures and power failure which lasted for several days after the earthquake.

2.2 An important part of ERRA's Livelihood Strategy is the reconstruction of the damaged infrastructure of the line departments including agriculture and livestock. However, in the strategy there was no comprehensive list of the damages nor were there any standards provided which would be followed in the reconstruction. As the detailed damage assessment and the standardization would require more time it was decided that the detailed damage assessment and standardization be carried out separately. Nevertheless, an estimated cost was given in the strategy for funding the reconstruction of government infrastructure.

2.3 The detailed review of the damages has been carried out in consultation with the AJK and NWFP government, and the Food and Agriculture Organization (FAO) and is given at Annex I.

2.4 In addition ERRA in consultation with the governments of AJK and NWFP and with the technical assistance from FAO has attempted to standardize the animal health centers. The need of standardization was felt during the damage assessment as the pre-earthquake infrastructure, it was felt, did not follow any definite standards and patterns. The standardization is in line with the ERRA's resolve to convert the adversity into an opportunity by "build back better. The standardization of the animal health facilities has been done with the following in view to

- Provide the basic minimum standards of services at each of the outlets;
- enable better planning and execution of the reconstruction projects;
- enable better monitoring of the reconstruction;
- provide a base for efficient management of the reconstructed facilities;
- ensure that the beneficiary know the kind and level of services offered at each animal health facility; and,
- incorporate within the animal health centers the requirements of training and capacity building of the farmer

2.5 It is hoped that the standardization of the facilities would help better and quicker reconstruction, and would restore the animal health centres to the desired level of efficiency and service delivery. Nevertheless, the success of this initiative would depend a lot on the commitment of the respective governments who are to run the facilities after reconstruction is over.

3. IMPLEMENTATION OF THE RECONSTRUCTION PROJECTS

3.1 ERRA is following the following two methods of reconstruction

- (a) Reconstruction by the Government. This is done through the resources provided by the government of Pakistan. The projects are planned, approved and executed following the government rules and procedures which have been modified wherever needed to meet the special requirements of reconstruction.
- (b) Reconstruction by the Donors and Sponsors: ERRA welcomes any donor or sponsor who volunteer to do any portion of reconstruction. In this case ERRA only approves the building designs to see that they are seismically safe, and, reviews the project plans to ensure that the minimum standards are met. The donors and sponsors themselves plan and execute a project and meet the costs through their own sources. This method is encouraged because it ensures that some of the burden is taken off the shoulders of the government engineers who are naturally overburdened. This also exposes the local players to international experiences and technology.

4. REQUEST FOR ASSISTANCE

4.1 The governments of AJK and NWFP have already started working on the PC-I for the reconstruction of the animal health facilities. However, ERRA is still looking for funds for the reconstruction in the livestock sector. ERRA and the people would welcome donors and sponsors, both local and international, fund or reconstruct the facilities by any of the two methods mentioned at Para 3.1.

5. STANDARDIZED FACILITIES AND COSTS

5.1 The animal health facilities have been categorized in three

Category – I: Tehsil Veterinary Hospital (TVH)

Tehsil Veterinary Hospital will cater for 13000 – 15000 animals. The TVH will provide diagnosis and treatment facilities to the livestock population located in urban areas and suburbs.

Category – II: Civil Veterinary Hospital (CVH)

Civil Veterinary Hospital will cater for 8000 – 10000 animals. The CVH should provide facilities to Livestock growers in rural areas at union council level up to 50 – 60 villages.

Category – III: Civil Veterinary Dispensary (CVD)

Civil Veterinary Dispensary (CVD) will cater for 3000 – 5000 animals. The CVD should provide facilities up to 20 – 30 villages.

The detailed requirements and cost estimates for a facility of each of the three categories is given below:

Category – I: Tehsil Veterinary Hospital (TVH)

These Buildings consist of	
<u>Hospital Building</u>	<u>Covered Area</u>
*Five Rooms	840
One Hall (Multipurpose)	336
One room for Laboratory	224
One Store Room	120
Two Baths	128
Veranda/Lobby	60
Total proposed covered area Sft.	1708
Total estimated cost @ Rs.2000/Sft.	3,416,000

Details of Facilities:

*(office rooms for two veterinarians, one room for dispensary, one room for hospital staff, and one room for artificial insemination staff).

<u>Veterinarian Accommodation:</u>	
These Buildings consist of	
<u>Facilities</u>	<u>Covered Area</u>
Two Rooms	448
One D/Dinning	288
One Kitchen	120
One Store	120
Two Baths	128
Veranda/Lobby	72
Total proposed covered area Sft	1176
<u>Total cost @ Rs.2000/Sft.</u>	2,352,000

<u>Staff/Chowkidar Quarter:</u>	
These quarters consist of	
<u>Facilities</u>	<u>Covered Area</u>
Two rooms	336
One Kitchen	80
Bath	64
Veranda/Lobby	72
Total proposed covered area Sft.	552
Total estimated Cost @ Rs.2000/Sft.	1,104,000

Lump sum cost for the construction of compound wall = 420,000

Furniture and fixture:

List of the furniture and fixture is as under.

Tehsil Veterinary Hospital	No	Unit Cost	Total Cost Rs.
Chairs	24	2,000	48,000
Computer & Printer	1	60,000	60,000
Tables	4	7,000	28,000
Fridge / Refrigerator	1	16,000	16,000
Almarah	2	8,000	16,000
Racks	2	1,000	2,000
Over head projector	1	10,000	10,000
White Board	1	2,000	2,000
Soft Board	2	2,000	4,000
Tables for Training Hall	2	7,000	14,000
Chairs (Training Hall)	16	1,000	16,000
Stationary			5,000
Total			221,000

Facilities / Equipment:

Tehsil Veterinary Hospital Equip.	No.	Unit Cost	Total Cost Rs
Postmortem Kit	1	5,500	5,500
Dystokia Kit	1	4,500	4,500
V.O Kit	1	4,200	4,200
Electric Sterilizer	1	1,800	1,800
Foetotome	1	2,650	2,650
Surgical Table	1	8,500	8,500
I.V Stand	2	635	1,270
Artery Forcipes	6	140	840
Dressing forcipes	2	130	260
Scissors Curved	2	140	280
Scissors Straight	2	90	180
Foreign Body detector	1	50,000	50,000
Curator	2	468	936
Mouth gauge dog	1	850	850
Mouth gauge	1	1,050	1,050
Teat siphon	2	125	250
Teat bistury	2	140	280
Teat dilator	2	275	550
Teat stricture remover	2	160	320
Throat Forceps	1	265	265
Bitch Forcipes	1	95	95
Vaginal speculum Small	1	1,200	1,200
Vaginal speculum Cattle	1	1,600	1,600
Docking machine	1	850	850
Emasculator	1	690	690
Exploring Needle	1	290	290
Needle holder	2	42	84
casting Rope	2	490	984
Clipping machine	1	950	950
Castrator large	1	3,400	3,400
Castrator small	1	835	835
Irrigator Steel with Rubber Tube	2	850	1,700
Firing Iron Set	1	790	790
Thermo meter	12	40	480
Scalpel Detachable	12	30	360
Scalpel Blades	24	18	432
B.D Syringe (steel 10 ml)	2	1,100	2,200
B.D Needles	12	60	720
Syringe Kigless(France 10,15,20ml)	6	200	1,200
Syringe Steel body(dressing syringe)	1	440	440
Automatic Syringe 5 ml	2	2,400	4,800

Stethoscope	1	890	890
Tray Steel	2	630	1,260
Kidney tray Steel	2	210	420
Spray Machine steel Body	1	4,500	4,500
Drenching Gun 120 ml (Imported)	1	3,500	3,500
Trocar & Canula	1	275	275
Dressing table	1	6,000	6,000
Surgical gloves	24	21	504
Liquid Nitrogen containers 2, 8,28 lit	3(1 each)		100,000
Artificial Insemination Sheath & Gloves			5,000
Total			230,930

Hospital Lab Equipment	No
Microscope Binocular Olympus	1
Test tubes (10, 20 ml)	100
Test tubes rack	10
Graduated cylinder(50,100,200,500ml)	20
Beaker (250,500,1000 ml)	15
Centrifuge machine	1
Eclectic wt. balance	1
Distillation apparatus (10 lit)	1
PH meter	1
Lactometer	12
Calculator	1
Petri dish (Different size)	200
Centrifuge tube	50
Specimen collection box	2
Glass slides	1,000
Cover slips	2,000
Stains & Chemicals	As required
Total Cost	100,000

Medicines:

Total Cost for one year

= 250,000

Total estimated costs for the reconstruction of a Tehsil Veterinary hospital

<u>Facilities</u>	<u>Cost in Rs.</u>	<u>Cost in US \$</u>
Estimated cost for construction of TVH	3,416,000	56,933
Estimated cost for the construction of vet's accommodation.	2,352,000	39,200
Estimated cost for the construction of Staff / Chowkidar Quarter	1,104,000	18,400
Compound wall	420,000	7,000
Estimated cost of the furniture and fixture	221,000	3,683
Estimated cost of the equipment / instrument	230,930	3,849
Estimated cost of hospital Lab. Equipment	100,000	1,667
Estimated cost of medicines	250,000	4,167
Total Cost	8,093,930	134,899

Category – II: Civil Veterinary Hospital (CVH)

These Buildings consist of	
<u>Hospital Building</u>	<u>Covered Area</u>
Five Rooms	840
One Training Hall	280
One Store Room	120
Two Baths	128
Veranda/Lobby	60
Total proposed covered area Sft.	1428
Total estimated cost @ Rs.2000/Sft.	2,856,000

Details of facilities:

*(One office room, one room for hospital staff, one room for Dispensary, one room for A.I staff, and one room for laboratory).

<u>VETERINARIAN ACCOMMODATION:</u>	
These Buildings consist of	
<u>Facilities</u>	<u>Covered Area</u>
Two rooms	448
One D/Dinning	288
One Kitchen	120
One Store	120
Two baths	128
Veranda/Lobby	72
Total proposed covered areas Sft.	1176
Total estimated Cost @ Rs.2000/Sft.	2,352,000

<u>Staff / Chowkidar Quarter</u>	
These Buildings consist of	
<u>Facilities</u>	<u>Covered Area</u>
Two Rooms	336
One Kitchen	80
Bath	64
Veranda/Lobby	72
Total proposed covered area Sft	552
Total cost @ Rs.2000/Sft.	1,104,000

Lump sum cost for the construction of compound wall = 420,000

Facilities / Equipment:

List of the equipment / facilities is as under.

Civil Veterinary Hospital Equipment	No.	Price Rs	Total Rs
Postmortem Kit	1	5500	5500
Dystokia Kit	1	4500	4500
V.O Kit	1	4200	4200
Electric Sterilizer	1	1800	1800
Foetotome	1	2650	2650
Surgical Table	1	8500	8500
I.V Stand	2	635	1270
Artery Forcipes	6	140	840
Dressing forcipes	2	130	260
Scissors Curved	2	140	280
Scissors Straight	2	90	180
Curator	2	468	936
Mouth gauge dog	1	850	850
Mouth gauge	1	1050	1050
Teat siphon	2	125	250
Teat bistury	2	140	280
Teat dilator	2	275	550
Teat stricture remover	2	160	320
Throat Forceps	1	265	265
Bitch Forcipes	1	95	95
Vaginal speculum Small	1	1200	1200
Vaginal speculum Cattle	1	1600	1600
Docking machine	1	850	850
Emasculator	1	690	690
Exploring Needle	1	290	290

Needle holder	2	42	84
casting Rope	2	490	984
Clipping machine	1	950	950
Castrator large	1	3400	3400
Castrator small	1	835	835
Irrigator Steel with Rubber Tube	2	850	1700
Firing Iron Set	1	790	790
Thermo meter	12	40	480
Scalpel Detachable	12	30	360
Scalpel Blades	24	18	432
B.D Syringe (steel 10 ml)	2	1100	2200
B.D Needles	12	60	720
Syringe Kigless(France 10,15,20ml)	6	200	1200
Syringe Steel body (dressing syringe)	1	440	440
Automatic Syringe 5 ml	2	2400	4800
Stethoscope	1	890	890
Tray Steel	2	630	1260
Kidney tray Steel	2	210	420
Spray Machine steel Body	1	4500	4500
Drenching Gun 120 ml (Imported)	1	3500	3500
Trocar & Canula	1	275	275
Dressing table	1	6000	6000
Surgical gloves	24	21	504
*Liquid Nitrogen containers 2, 8,28 lit	3(leach)		100000
*Artificial Insemination Sheath & Gloves			5000
Total Cost			180,930

Hospital Lab Equipment	No
Microscope Binocular Olympus	1
Test tubes (10, 20 ml)	100
Test tubes rack	10
Graduated cylinder(50,100,200,500ml)	20
Beaker (250,500,1000 ml)	15
Centrifuge machine	1
Eclectic wt. balance	1
Distillation apparatus (10 lit)	1
PH meter	1
Lactometer	12
Calculator	1
Petri dish (Different size)	200
Centrifuge tube	50
Specimen collection box	2
Glass slides	1000
Cover slips	2000
Stains & chemicals	As required
Total Cost	100,000

Furniture and fixture:

List of the furniture and fixture is as under.

Veterinary Hospital Facilities	No	Price Rs.	Total Rs
Chairs	18	2000	36000
Tables	3	7000	21000
Fridge / Refrigerator	1	16000	16000
Alma rah	2	8000	16000
Racks	2	1000	2000
Over head projector	1	10,000	10,000
White Board	1	2,000	2,000
Soft Board	2	2,000	4,000
Tables for Training Hall	2	7,000	14,000
Chairs (Training Hall)	16	1,000	16,000
Stationary			5,000
Total			142,000

Medicines:

Cost for one year

=150,000

Total estimated costs for the reconstruction of a Civil Veterinary hospital

<u>Facilities</u>	<u>Cost Rs.</u>	<u>Cost in US \$</u>
Estimated cost for construction of CVH	2856000	47600
Estimated cost for the construction of vets. Accommodation.	2352000	39200
Estimated cost for the construction of chokidar Quarter	1104000	18400
Compound wall	420000	7000
Estimated cost of the furniture and fixture	142000	2366
Estimated cost of the equipment / instrument	180930	3015
Estimated cost of hospital Lab. Equipment	100000	1666
Estimated cost of medicines	150000	2500
Total Cost	7,304,930	121,747

5.2 Category – III: Civil Veterinary Dispensary (CVD)

These Buildings consist of	
<u>Dispensary Building</u>	<u>Covered Area</u>
*Four Rooms	672
One Kitchen	120
One Store Room	120
Two Baths	128
Veranda/Lobby	72
Total proposed covered area Sft.	1112
Total estimates cost @ Rs.2000/Sft.	2,224,000

*(One room for office, one for dispensary, two rooms for accommodation)

Lump sum cost for construction of compound wall = 300,000

Facilities / Equipment:

List of the equipment / facilities is as under.

CVD Equipment	No.	Price Rs.	Price M
Surgical Kit	1	18000	18000
Sterilizer	1	2000	2000
I.V Stand	2	635	1270
Artery Forcipes	6	140	840
Dressing forcipes	2	130	260
Scissors Curved	2	140	280
Scissors Straight	2	90	180
Curator	2	468	936
Mouth gauge dog	1	850	850
Mouth gauge cattle	1	1050	1050
Teat siphon	2	125	250
Teat bistury	2	140	280
Teat dilator	2	275	550
Teat stricture remover	2	160	220
Throat Forcipes	1	265	265
Bitch Forcipes	1	95	95
Vaginal speculum Small	1	1200	1200
Vaginal speculum Cattle	1	1600	1600
Docking machine	1	850	850
Emasculator	1	690	690
Exploring Needle	1	290	290
Needle holder	2	42	84

casting Rope	2	490	980
Clipping machine	1	950	950
Castrator large	1	3400	3400
Castrator small	1	835	835
Irrigator Steel with Rubber Tube	2	850	1700
Firing Iron Set	1	790	790
Thermo meter	6	40	240
Scalpel Detachable	6	30	180
Scalpel Blades	12	18	216
Surgical Gloves	24 pairs	21	504
B.D Syringe	1	1100	1100
B.D Needles	6	60	360
Syringe Kigless (France) 10 ml	6	245	1470
Syringe Steel body	1	440	440
Automatic Syringe 5 ml	1	2400	2400
Stethoscope	1	890	890
Tray Steel	2	630	1260
Kidney tray Steel	2	210	420
Spray Machine steel Body	1	4500	4500
Drenching Gun 120 ml (Imported)	1	3500	3500
Dressing table	1	6000	6000
Trocar & Canula	2	275	550
Total Cost			64,725

Furniture and fixture:

List of the furniture and fixture is as under.

CVD Facilities	No	Price Rs.	Total Rs
Chairs	8	2000	16000
Tables	1	7000	7000
Bench	1	1500	1500
Alma rah	1	8000	8000
Rack	1	1500	1500
Stationary			5,000
Soft Board			2,000
Total Cost			41,000

Medicines:

Cost for one year

= 75,000

Total estimated costs for the reconstruction of a Civil Veterinary Dispensary

<u>Facilities CVD</u>	<u>Cost Rs</u>	<u>Cost in US \$</u>
Estimated cost for construction of CVD	2224000	37066
Compound wall	300000	5000
Estimated cost of the equipment	64725	1078
Estimated cost of the furniture and fixture	41000	683
Estimated cost of the medicines	75000	1250
Grand Total	2,704,725	45,077

Unit Wise Estimated Cost

<u>Facilities</u>	<u>Cost in Rs</u>	<u>Cost in US \$</u>
Cost for one Tehsil Veterinary hospital (TVH)	8,093,930	134,898
Cost for one Civil Veterinary Hospital (CVH)	7,304,930	121,748
Cost for one Civil veterinary Dispensary (CVD)	2,704,725	45,078

Annexure – I

State & Provincial Infrastructure of Livestock in Earthquake Affected Areas

<u>No</u>	<u>Facilities</u>	<u>Location</u>	<u>Damaged</u>	<u>Destroyed</u>
1	Secretariat Agriculture & Livestock	Muzaffarabad		
2	Livestock Complex D.G Office (KIVS)	"		√
3	Director Vety Services (KIVS)	"		√
4	Director Ext. & Research (KIVS)	"		√
5	D/D Headqaurter & A/D office (KIVS)	"		√
6	D/D planning (KIVS)	"		√
7	Central Disease Investigation Research Lab	"		√
8	District Diagnostic Lab	"		√
9	Poultry Multiplication Complex (offices, residences, stores & sheds etc)	"		√
10	Central Store (KIVS)	"		√
11	Auditorium (KIVS)	"		√
12	Postmortum Room (KIVS)	"		√
13	Ten Residences	"		√
14	Livestock Development Research Centre (offices, residences, stores, sheds)	"		√
15	Poultry Research Farm (offices, residences, stores & sheds etc)	"	√	
16	District Diagnostic Lab	Bagh		√
17	Govt. Poultry Farm & Hatchery (offices, stores, residences & sheds etc)	"		√
18	Residences (5 No.)	"		√
19	District Diagnostic Lab	Poonch		√
20	Govt. Poultry Farms (2) & hatchery (offices, stores, residences & sheds etc)	"		√
21	Residences (5 No.)	"		√
	<u>NWFP</u>			
22	Govt. Poultry Farm & Residences (6 No.)	Abbotabad		
23	Livestock Research Station (offices, residences, stores, sheds)	Mansehra		√

Annexure – II

**District Wise Detailed List of Damaged / Destroyed Livestock
Facilities in Earthquake Affected areas**

Damages in Azad Jammu & Kashmir (AJ&K)

<u>District Muzaffarabad</u>					
No.	Facility	Location	Union Council	Damaged	Destroyed
Tehsil Veterinary hospital (TVH)					
1	Tehsil Veterinary hospital	Muzaffarabad	City		8,093,930
2	Tehsil Veterinary hospital	Hatian Bala	Town area		8,093,930
Civil Veterinary Hospital (CVH)					
1	Civil Veterinary Hospital	Kahori.	Kahori		7,304,930
2	Civil Veterinary Hospital	Patikka.	Balseri		7,304,930
3	Civil Veterinary Hospital	Panjgran	Panjgran		7,304,930
4	Civil Veterinary Hospital	Panjkot	Nosari		7,304,930
5	Civil Veterinary Hospital	Ghari Dupata	Hattian Dopata		7,304,930
6	Civil Veterinary Hospital	Chakkar	Chakkar		7,304,930
7	Civil Veterinary Hospital	Chinari	Chinari		7,304,930
8	Civil Veterinary Hospital	Danna	danna	√	
9	Civil Veterinary Hospital	Leepa	Leepa		7,304,930
10	Civil Veterinary Hospital	Chattar Class	Chatar class		7,304,930
Civil Veterinary Dispensary (CVD)					
1	Civil Veterinary Dispensary	Balgran	Balgran		2,704,725
2	Civil Veterinary Dispensary	Bahari	Bahari		2704725
3	Civil Veterinary Dispensary	Saidpur	Saidpur		2704725
4	Civil Veterinary Dispensary	Heer Kutli	Heer kutli		2704725
5	Civil Veterinary Dispensary	Charakpura	Charakpura		2704725
6	Civil Veterinary Dispensary	Ghand Gran	Komikot		2704725
7	Civil Veterinary Dispensary	Naghni	Chattar class		2704725
8	Civil Veterinary Dispensary	Rahim Kot.	Kat kair	√	
9	Civil Veterinary Dispensary	Seridara	Seridara		2704725
10	Civil Veterinary Dispensary	Kai Manja.	Kai Manga		2704725
11	Civil Veterinary Dispensary	Gojar Bandi.	Gojar Bandi	√	
12	Civil Veterinary Dispensary	Langarpura	Lungar pura		2704725

13	Civil Veterinary Dispensary	Shaheed Gali	Shaheed galli		2704725
14	Civil Veterinary Dispensary	Chakothe	Chakothe		2704725
15	Civil Veterinary Dispensary	Sharian	Langla		2704725
	Total				117,093,655
<u>District Neelum</u>					
No	Facility	Location	Union Council	Damaged	Destroyed
Tehsil Veterinary hospital (TVH)					
1	Tehsil Veterinary hospital	Authmoqam	Town area		8,093,930
Civil Veterinary Hospital (CVH)					
1	Civil Veterinary Hospital	Kundal Shahi	Kundal Shahi	√	
Civil Veterinary Dispensary (CVD)					
1	Civil Veterinary Dispensary	Mirpura & Dudhnial	Ashkot & Dudnial		2,704,725
2	Civil Veterinary Dispensary	Neelum	Neelum		2,704,725
	Total				13,503,380
<u>District Bagh</u>					
No	Facility	Location	Union Council	Damaged	Destroyed
Tehsil Veterinary Hospital (TVH)					
1	Tehsil Veterinary hospital	Bagh	City		8,093,930
2	Tehsil Veterinary hospital	Haveli/Khuta	Town		8,093,930
3	Tehsil Veterinary hospital	Dhir Kot	Town		8,093,930
Civil Veterinary Hospital (CVH)					
1	Civil Veterinary Hospital	Chamankot	Chamiati		7,304,930
2	Civil Veterinary Hospital	Malot	malot		7,304,930
3	Civil Veterinary Hospital	Mangbajri	Juglari		7,304,930
Civil Veterinary Dispensary (CVD)					
1	Civil Veterinary Dispensary	Ghaziabad	Makhyala		2,704,725
2	Civil Veterinary Dispensary	Bhaddi	Bhaddi		2,704,725
3	Civil Veterinary Dispensary	Bheerpani	Bheerpani		2,704,725
4	Civil Veterinary Dispensary	Dhulli	Nar Sher Ali Khan		2,704,725
5	Civil Veterinary Dispensary	Kehlar	Khurshid-abad		2,704,725

6	Civil Veterinary Dispensary	Basooti	Bhont Bahian		2,704,725
7	Civil Veterinary Dispensary	Noorgala & Thub	Bhont Bahian		2,704,725
8	Civil Veterinary Dispensary	Rangla	Rangla		2,704,725
9	Civil Veterinary Dispensary	Chirala	Chirala		2,704,725
10	Civil Veterinary Dispensary	Minhasa	Hillsurang		2,704,725
	Total				73,243,830
<u>District Poonuch</u>					
No	Facility	Location	Union Council	Damaged	Destroyed
Tehsil Veterinary hospital (TVH)					
1	Tehsil Veterinary hospital	Rawalakot	City		8,093,930
2	Tehsil Veterinary hospital	Abasspur	Town		8,093,930
3	Tehsil Veterinary hospital	Hajeera	Town		8,093,930
Civil Veterinary Hospital (CVH)					
1	Civil Veterinary Hospital	Thorar	Thorar		7,304,930
Civil Veterinary Dispensary (CVD)					
1	Civil Veterinary Dispensary	Ali sojal	Ali Sojal		2,704,725
2	Civil Veterinary Dispensary	Lunjgran	Lunjgran		2,704,725
3	Civil Veterinary Dispensary	Sehra & Datote	Sehra & Datote	√	
4	Civil Veterinary Dispensary	KhaliDaraman			2,704,725
5	Civil Veterinary Dispensary	Jandala	Bangoin		2,704,725
	Total				42,405,620
<u>Damages in NWFP</u>					
<u>District Mansehra</u>					
No	Facility	Location	Union Council	Damaged	Destroyed
Tehsil Veterinary hospital (TVH)					
1	Tehsil Veterinary hospital	Mansehra	City		8,093,930
2	Tehsil Veterinary hospital	Balakot	Town		8,093,930
3	Tehsil Veterinary hospital	Oghi	Town	√	
Civil Veterinary Hospital (CVH)					
1	Civil Veterinary Hospital	Garhi Habibullah			7,304,930
2	Civil Veterinary Hospital	Baffa	Baffa	√	

3	Civil Veterinary Hospital	Darband	Darband	√	
4	Civil Veterinary Hospital	Khawari	Khawari		7,304,930
Civil Veterinary Dispensary (CVD)					
1	Civil Veterinary Dispensary	Battal	Battal		2,704,725
2	Civil Veterinary Dispensary	Kaghan	Kaghan		2,704,725
3	Civil Veterinary Dispensary	Shankiari	Shankiari	√	
4	Civil Veterinary Dispensary	Phulra	Phulra	√	
5	Civil Veterinary Dispensary	Savan Mera	Savan Mera		2,704,725
6	Civil Veterinary Dispensary	Murat mera	Murat mera	√	
7	Civil Veterinary Dispensary	Lassan Nawab	Lassan Nawab		2,704,725
8	Civil Veterinary Dispensary	Sher Garh	Sher Garh	√	
9	Civil Veterinary Dispensary	Mera Mada Khel			2,704,725
10	Civil Veterinary Dispensary	Judba	Judba		2,704,725
11	Civil Veterinary Dispensary	Seri Kohani	Seri Kohani	√	
	Total				47,026,070
<u>District abbotabad</u>					
No	Facility	Location	Union Council	Damaged	Destroyed
Tehsil Vetrinary hospital (TVH)					
1	Tehsil Veterinary hospital	Havellian	City		8,093,930
2	Tehsil Veterinary hospital	Abbotabad	City	√	
Civil Veterinary Hospital (CVH)					
1	Civil Veterinary Hospital	Lora	Lora		7,304,930
2	Civil Veterinary Hospital	Bakot	Bakot		7,304,930
Civil Veterinary Dispensary (CVD)					
1	Civil Veterinary Dispensary	Sharwan	Sharwan		2,704,725
2	Civil Veterinary Dispensary	Kala Bagh	Kala Bagh	√	
	Total				25,408,515
<u>District Kohistan</u>					
No	Facility	Location	Union Council	Damaged	Destroyed
Tehsil Veterinary hospital (TVH)					
1	Tehsil Veterinary hospital	Pattan	Town		8,093,930
2	Tehsil Veterinary hospital	Dassu	Town	√	
Civil Veterinary Hospital (CVH)					
1	Civil Veterinary Hospital	Shityal	Sazin	√	

Civil Veterinary Dispensary (CVD)					
1	Civil Veterinary Dispensary	Ranoliya	Ranoliya	√	
2	Civil Veterinary Dispensary	Sangai	Dubair Bala		2,704,725
3	Civil Veterinary Dispensary	Dubair Bala	Dubair Bala		2,704,725
4	Civil Veterinary Dispensary	Seo	Seo	√	
5	Civil Veterinary Dispensary	Tooti	Tooti	√	
6	Civil Veterinary Dispensary	Karang	Karang	√	
	Total				13,503,380
<u>District Batagram</u>					
No	Facility	Location	Union Council	Damaged	Destroyed
Tehsil Vetrinary hospital (TVH)					
1	Tehsil Veterinary hospital	Batagram	City		8,093,930
Civil Veterinary Hospital (CVH)					
1	Civil Veterinary Hospital	Bana	Bana		7,304,930
Civil Veterinary Dispensary (CVD)					
1	Civil Veterinary Dispensary	Sakar Gah	Sakar Gah		2,704,725
	Total				18,103,585
<u>District shangla</u>					
No	Facility	Location	Union Council	Damaged	Destroyed
Civil Veterinary Dispensary (CVD)					
1	Civil Veterinary Dispensary	Shahpur & Martung	Shahpur		2,704,725
2	Civil Veterinary Dispensary	Besham	Besham		2,704,725
	Total				5,409,450

<u>Summary</u>	
<u>Azad Jammu & Kashmir (AJ&K)</u>	<u>Cost</u>
Muzaffarabad	117,093,655
Neelum	13,503,380
Bagh	73,243,830
Poonch	42,405,620
Total	246,246,485
<u>North Westren Frontier Province (NWFP)</u>	
Mansehra	47,026,070
Kohistan	13,503,380
Batagram	18,103,585
Abbottabad	25,408,515
Shangla	5,409,450
Total	109,451,000
Total Cost for AJK & NWFP	355,697,485
Contingency @ 2.5%	8,892,437
Ground Leveling @ 1%	3,556,974
Grand Total	368,146,896
Total Cost In US\$	*6,135,781
* This amount shows the total estimated expenditure on the reconstruction of the facilities that have been destroyed and need to be reconstructed anew. The assessment of retrofitting/repairing the damaged buildings may vary for each place and not estimated here.	