

ZONAL MASTER PLAN OF BHAGIRATHI ECO-SENSITIVE ZONE

PART-2 PHYSICAL AND FINANCIAL OUTLAY



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FINANCIAL OUTLAY OF ZONAL MASTER PLAN OF BESZ

CHAPTER NO.	CHAPTER NAME	SECTOR	FINANCIAL OUTLAY (In Crores)
1	FOREST AND WILD LIFE	UTTARKASHI FOREST DIVISION	174.095
		GANGOTRI NATIONAL PARK	13.85
2	WATERSHED MANAGEMENT	CATCHMENT AREA TREATMENT IN DIFFERENT MICRO WATERSHEDS	86.56
		TREATMENT PRESCRIPTION FOR STREAMS	25.723
		LAKES AND TALS	0.968
3	AGRICULTURE AND ALLIED SECTORS	AGRICULTURE	29.5723
		HORTICULTURE	5.1526
		ANIMAL HUSBANDRY	3.54162
		FISHERY	8.165
4	RURAL DEVELOPMENT	RURAL DEVELOPMENT	197.1453
		PANCHAYATI RAJ	26.88
5	URBAN DEVELOPMENT	URBAN DEVELOPMENT	18.93
6	IRRIGATION	IRRIGATION DEPARTMENT	121.99
7	ENERGY	UJVNL	16.09
		UREDA	56.97
		UPCL	7.32
8	PUBLIC HEALTH AND SANITATION	HEALTH AND FAMILY WELFARE	24.80
		SWAJAL	6.03
		UTTARAKHAND PEYJAL NIGAM	117.35
9	TOURISM	TOURISM DEPARTMENT	42.96
10	ROAD INFRASTRUCTURE DEVELOPMENT	PROVINCIAL DIVISION PWD BHATWARI	22.46
		PMGSY	47.82
		P.W.D (W.B) UTTARKASHI	17.75
		B.R.O	850.26
		P.W.D (A.D.B) UTTARKASHI	20.00
11	DISASTER MANGEMENT	-	-
	SKILL DEVELOPMENT	SKILL DEVELOPMENT	-
TOTAL			1942.38282

The Total Financial Outlay of Zonal Master Plan of Bhagirathi Eco Sensitive Zone is 1942.38282 Cr. (Rupees One Thousand Nine Hundred Forty Two Crores, Thirty Eight Lacs, Twenty Eight Thousand and Two Hundred).

Chapter-1

FOREST & WILDLIFE



Physical and Financial Outlay

Name of department/Agency : (1) Uttarkashi Forest Division, Uttarkashi

A. Biodiversity conservation & Development.

S.No.	Name of scheme/project	Name of activity	Category as per gazette notification		Cost per unit (Rs.)	Description (for 15 years)		Physical target as per time scale			Remarks	
			Prohibited	Regulated		Permitted	Physical target	Estimated cost (In Crore)	1-5 yrs	5-10 yrs		10-15 yrs
1	Eco-tourism	● Maintenance of trek routes	-	-	Yes	1.0 Lac / Km.	1989km	663	663	663	663	
		● Creation of new trek routes	-	-	-	5.0 Lac / Km.	200 Km	100	50	50	50	
		● Maintenance of FRH & fibre huts, providing amenities	-	-	-	10.00 Lac per FRH plus 10% contingency cost	14 No	8	3	3	3	
		● Awareness & capacity building of local people & tour operation & extension	-	Yes	-	L.S	L.S	-	-	-	-	-
2	Wildlife management	● Wild Boar proof stone fencing	-	-	Yes	4.0 Lac / Km.	100 Km	4.00	50	25	25	
		● Establishment of wildlife rescue centre	-	-	Yes	50.0Lac/Km. Rescue centre	2 No	1.00	1	1	-	
		● Construction of water holes	-	-	Yes	0.5 Lac/Water hole	500 No	2.50	250	150	100	
		● Awareness of local people	-	Yes	-	L.S.	L.S.	2.00	-	-	-	
		● Patrolling	-	-	-	L.S.	L.S.	3.00	-	-	-	
3	Biodiversity conservation & management	● Eradication of weeds	-	-	-	2266.0 /Ha	12000 Ha.	2.71	6000	5000	1000	
		● Formation of BMCs	-	-	Yes	0.6 Lac /BMCs	75	0.45	75	-	-	
		● Preparation of PBR, Education & awareness, documentation of species & traditional knowledge, data compilation & analysis	-	-	Yes	1.5 Lac /BMCs	75	1.125	75	-	-	
4	Plantation	● Management of BMCs	-	-	Yes	0.3 Lac / year	75	3.375	75	75	75	
		● Notification of Biodiversity Heritage Sites	-	-	Yes	10 Lac / site	2	0.2	2	-	-	
5	Conservation of natural & man made heritages	● Nursery raising, advance soil work, planting & maintenance	-	-	Yes	1.20 Lac / Ha	5035 Ha	60.42	2535	1500	1000	
		● ANR	-	-	Yes	0.986 lac / Ha	2630 Hac.	25.93	1310	1320	-	
		● Restoration of Bugyals	-	-	Yes	2.00 Lac /Bugyal	8x2 =16 Bugyal	0.32	6	5	5	

PHYSICAL AND FINANCIAL OUTLAY

S.No.	Name of scheme/project	Name of activity	Category as per gazette notification		Cost per unit (Rs.)	Description (for 15 years)		Physical target as per time scale			Remarks		
			Prohibited	Regulated		Permitted	Physical target	Estimated cost (In Crore)	1-5 yrs	5-10 yrs		10-15 yrs	
6	Peoples participation	Strengthening of Van panchayats, distribution of high quality seeds, pasture development, plantation, and fire management	-	-	Yes	1.50 Lac / V.P. every year (L.S)	57 V.P.	12.82	-	-	-	-	
		Village fire management committees	-	-	Yes	0.50 lac /committee/ year	60 villages	4.5	60	60	60	60	
		Firewatchers through committees	-	-	Yes	7000 / Watcher (4 month)	60 committees	2.52	60-	60-	60-	-	
7	Fire Management	1. Infrastructure creation of new crew stations.	-	-	Yes	6.0 Lac / Crew station	6	0.36	2	2	2	-	
		2. Control burning	-	-	-	-	-	-	-	-	-	-	
		a. Working plan- Annual / Bimual	-	-	Yes	19 / Ha	15X 1488 Ha / year	0.84	7440	7440	7440	7440	-
		a. Clearing of fire lines	-	-	Yes	1200 / km.	15x55 km/yr.	0.99	275	275	275	275	-
		b. Along Motorable Road (20 mtrs on either sides)	-	-	Yes	1200 / km.	15x273 km/yr.	0.49	1668	1668	1668	1668	-
		c. Bridle/Mule path –(20 mtrs on either sides)	-	-	Yes	1200 / km.	15x510 km/yr.	0.91	2550	2550	2550	2550	-
		d. Around the plantation side (20 mtr wide)	-	-	Yes	1200 / km.	15x304 km/yr.	0.54	1520	1520	1520	1520	-
		e. 20 mtr along civil forest	-	-	Yes	1200 / km.	15x250 km/yr.	0.45	1250	1250	1250	1250	-
		1. Water storage tanks	-	-	Yes	30000 / Tank	7 Tanks /year	0.31	35	35	35	35	-
		2. Fire watchers	-	-	Yes	4 Month, 7000 / month	23 Crew Station, 6 Fire watchers for each	5.79	-	-	-	-	-
		1. Communication Infrastructure	L.S	-	Yes	15000 /set	50 Walky Talky	0.075	-	-	-	-	-
		2. Wireless battery & Tools	-	-	Yes	20000 / Crew Station	21 Crew / Year	0.42	-	-	-	-	For ten years
		3. Awareness	-	-	Yes	25000 /P.	57 V.P.	1.42	-	-	-	-	For ten years
		4. Staff welfare (Fire dress, food,etc)	-	-	Yes	2.0 Lac /Year	-	0.20	-	-	-	-	For ten years
		8	Soil and Water Conservation	Watershed works and Rejuvenation of water resources	-	-	-	-	-	-	-	-	-
Total								174.095					

Considering the total material cost as 20 percent of the Total Financial Outlay for Uttarkashi Forest Division, the total man days likely to be generated are 59.60 Lakhs.

Name of department/Agency : (2) Gangotri National Park Uttarkashi

B. Biodiversity conservation & Development.

S. No.	Name of scheme/ project	Name of activity	Category as per Gazette Notification		Cost per unit (In Rs.)	Description		Physical target as per time scale			Remarks
			Prohibited	Regulated		Permitted	Physical target	Estimated cost (In Crores)	5 years	10 years	
1	Eco-tourism	Awareness & capacity building of local people & tour operators & extension.	-	Yes	L.S	-	L.S	1.00	-	-	-
2	Wild life management	Maintenance of trek routes	-	-	1 lac per km.	450 Km	4.50	150	150	150	150
		Awareness of local people	-	Yes	L.S	L.S	0.50	-	-	-	-
		Patrolling	-	Yes	L.S	L.S	1.50	-	-	-	-
		Forest Guard Check Post	-	Yes	L.S	10	1.50	10	-	-	-
		Interpretation Centre	-	Yes	L.S	2	0.30	2	-	-	-
		Assisted Natural Regeneration	-	Yes	L.S	150	0.75	50	50	50	50
3	Conservation of natural & manmade heritages	Restoration of Bugyals	-	Yes	L.S	L.S	1.00	-	-	-	-
4	Soil and Water Conservation	Watershed works and Rejuvenation of water resources	-	-	-	-	-	-	-	-	-
5	Peoples participation	Fire protection works (as per annual fire plan approved by the District Committee)	-	Yes	L.S	L.S	1.50	-	-	-	-
6	Peoples participation	Eco-development (as per work prescribed by eco- development committees)	-	Yes	L.S	L.S	1.00	-	-	-	-
Total -								13.85			

Considering the total material cost as 20 percent of the Total Financial Outlay for Gangotri National park, the total man-days likely to be generated are 4.63 lakhs

C. Linkage with other departments (Including “Skill Development”)/ Scheme - Uttarkashi Forest Division, Uttarkashi

S. N.	Activity	Category as per Gazette (Prohibited/Regulated/Permitted)			Link Department/ Agency/ Scheme	Linkage Description	Physical targets as per time scale		
		Prohibited	Regulated	Permitted			5 yrs	10 yrs	15 yrs
1	Tourism	-	-	Yes	Tourism department	Maintenance of trek routes and huts	400 km/ 3 huts	163 km/ 2 huts	100 km/2 huts

D. Relevant Studies to be conducted – No.

E. Outcome – Maintaining high standards of conservation in the ESZ with the co-benefit of sustainable development with active cooperation of the local people.

Chapter-2

**WATERSHED
MANAGEMENT**

Physical and Financial Outlay

Name of the Sector : Watershed Management

(1) Physical & Financial outlay for treatment of Catchment Area in different Micro Watersheds (in hectares)

Year of treatment	MWS	Actual area for treatment (Ha)	Estimated Cost (in lac)
1 st year	Ginsigad	566.55	419.247
	Jadaphu	0	0
	Kundigad	105.48	78.0552
	Indrawati	385.65	285.381
	Kamargad	114.21	84.5154
	Monugad	21.24	15.7176
	Silla	80.1	59.274
	Dugaddagad	222.39	164.5686
	Pillang I	599.4	443.556
	Total		1550.3148
2 nd year	Pokhri	696.78	515.6172
	Kamergad	133.56	98.8344
	Darani Gad	21.87	16.1838
	Choragad	0	0
	Siyangad	190.8	141.192
	Kakora Gad	131.85	97.569
	Jalandharigad	92.43	68.3982
	Kansen	6.03	4.4622
	Pillang II	101.43	75.0582
	Total		1017.315
3 rd year	Nirakot	74.97	55.4778
	Andrigad	66.87	49.4838
	Netalgad	370.62	274.2588
	Uttarkashi	101.34	74.9916
	Gawangad	430.47	318.5478
	Ashiganga	261.72	193.6728
	Kunigad	157.23	116.3502
	Papargad	333.99	247.1526
	Pilgungad	364.59	269.7966
	Mahargad	221.85	164.169
	Total		1763.901
4 th year	Jalangad	141.3	104.562
	Kunjan	361.17	267.2658
	Utro	377.28	279.1872
	Gajoli	379.17	280.5858
	Dingad	36.9	27.306
	Helgargad	134.91	99.8334
	Kolagad	155.88	115.3512
	Total		1174.0914



PHYSICAL AND FINANCIAL OUTLAY

Year of treatment	MWS	Actual area for treatment (Ha)	Estimated Cost (in lac)
5 th year	Soundhargad	372.6	275.724
	Mamlapani	521.91	386.2134
	Rana	0	0
	Kanoldiyagad	473.22	350.1828
	Chirbas	107.37	79.4538
	Lodgad	234.18	173.2932
	Kedarganga	29.52	21.8448
	Total		1286.712
6 th year	Rudugairagad	16.38	12.1212
	Bhelagad	25.74	19.0476
	Gaumukh	0	0
	Miyanagad	163.62	121.0788
	Gangotiya Nala	91.17	67.4658
	Telgad	172.17	127.4058
	Gangotri	223.29	165.2346
	Total		512.3538
7 th year	Kheragad	44.91	33.2334
	Dadugad	181.53	134.3322
	Songad	580.23	429.3702
	Gartang Gad	162.99	120.6126
	Darani Gad	250.74	185.5476
	Total		903.096
8 th year	Kalaghathi	605.07	447.7518
	Guligad	0	0
	Lambigad	0	0
	Nilapanigad	0	0
	Solam	0	0
	Total		447.7518
9 th year	Jadhang	0	0
	Tripani	0	0
	Jadhanggad	0	0
	Total		0
10 th year	Baregudhgad	0	0
	Raugmachgad	0.81	0.5994
	Total		0.5994
	Grand Total	11697.48	8656.135 Or say 86.56 Cr

Note: Per hectare treatment cost = Rs. 74,000/-

The following works have been prescribed per hectare of area

1. Contour Trenches/Bunds/Terraces (3.0m x 0.40m x 0.30m) 100 Nos.
2. Gully Plugging stone/Pirul/Brushwood 20 Nos. (10+10, or as per site)
3. Percolation pits = 20 Nos. (600 litres per pits)
4. Plantation of Grass and shrubs spp.

Physical & Financial outlay for Lakes / Tals Catchment Area treatment:

Name of Lake/Tal	Area of buffer (200m Around Lake Boundary)	Estimated cost (in lac)
Dodital	27.646234	20.4536
Kheda tal	19.295255	14.2746
Bharnala tal	17.970606	13.2978
Sahastra tal	21.54334	15.9396
Kana tal	15.934583	11.7882
Sattal	15.154635	11.211
Brahm tal	13.307846	9.842
Table top	18.488212	No Treatment prescribed
Vasuki tal	17.623488	
Sonam tal	22.482004	
Tapovan tal	22.52899	
Kedar tal	42.833226	
Janak tal	20.11	
	274.91	

Note: Per hectare treatment cost = Rs. 74,000/-

The following works have been prescribed per hectare of area

1. Contour Trenches/Bunds/Terraces (3.0m x 0.40m x 0.30m) 100 Nos.
2. Gully Plugging stone/Pirul/Brushwood 20 Nos. (10+10, or as per site)
3. Percolation pits = 20 Nos. (600 litres per pits)
4. Plantation of Grass and shrubs spp.

(2) Treatment prescription for stream (Kilometer)

(Estimation of Nalas is based on the cost of per structure (dry check dam/ Crate wire dam/Spurs = Rs. 26,700/-)

Year of treatment	Name of Water Source	Name of MWS	Length of Stream proposed for treatment (below 3500mt. Altitude)	Estimated cost of treatment (in lac)
1 st year	Kedar Ganga	Kedarganga	8.35624	8.924464
	Rudragaira	Rudugairagad, Miyanagad	17.54466	18.7377
	Ptangni gad	Miyanagad	12.0428	12.86171
	Gumgum Nala	Kakora Gad	21.73411	23.21203
	Kadoda Gad	Jalandharigad, Kakora Gad	27.66343	29.54454
	Jalandri Gad	Jalandharigad	56.43133	60.26866
	Siya Gad	Siyangad	58.18854	62.14536
	Til Gad	Telgad	18.94709	20.23549
	Swari gad1	Kheragad	33.04396	35.29095
	Hatiya Gad	Dadugad	52.12897	55.67374
	Son Gad	Songad	62.83937	67.11245
	Dugda Gad	Dugaddagad	113.8106	121.5497
	Swari Gad	Soundhargad	33.04396	35.29095
	Total			
2 nd year	Ghattu Gad	Pillang II	91.65493	97.88747
	Gunja Gad	Mamlapani	36.43628	38.91395
	Molyani Gad	Helgargad, Mamlapani	40.20394	42.93781
	Helgu Gad	Helgargad	64.38058	68.75846
	Chin Gad	Kolagad, Mamlapani, Helgargad	150.1242	160.3326
	Lemtha Gad		0	0
	Garam Kund	Kundigad, Mamlapani	42.98642	45.9095
	Din Gad	Dingad	207.8309	221.9634
	Charkhya Gad	Jalangad	48.96739	52.29717
	Total			
3 rd year	Pula Gad	Jalangad	11.91953	12.73006
	Jalang Gad	Jalangad, Kunjan, Mahargad, Papargad	55.04156	58.78439
	Gawantok Gad	Silla	7.148285	7.634368
	Panyasri Gad	Silla	12.75774	13.62527
	Palam gad	Pillang II	0	0
	Pilang Gad	Pillang I, Silla	14.79181	15.79765
	Bebrakhand	Ginsigad, Gajoli	74.9672	80.06497
	Banjadi Khad	Ginsigad	83.75037	89.4454
Total				278.082108
4 th year	Chadda Nala	Ginsigad	64.82408	69.23212
	Paniyarlogshrot	Ginsigad	9.733249	10.39511
	Rikherashrot	Gajoli	40.9144	43.69658
	Parikabena gad	Gajoli	131.8059	140.7687
	Kohri Gad	Ashiganga	42.16757	45.03496
	Paniyara Nala	Ashiganga, Utro	5.390088	5.756614
	Total			


 PHYSICAL AND FINANCIAL OUTLAY

Year of treatment	Name of Water Source	Name of MWS	Length of Stream proposed for treatment (below 3500mt. Altitude)	Estimated cost of treatment (in lac)
5 th year	Rawada Tok	Ashiganga,Utro	10.60045	11.32128
	Pairigaun Nala	Utro	7.769385	8.297703
	Pathhon Nala	Uttarkashi	15.17911	16.21129
	Nawa Nala	Uttarkashi	2.227251	2.378704
	Jakhni Nala	Pokhri	3.569393	3.812112
	Thanda Pani Nala	Kamergad	34.13724	36.45857
	Haipta Nala	Netalgad	7.033259	7.511521
	Nagni Nala	Netalgad	23.775	25.3917
	Total			111.38288
6 th year	Nelu Nala	Pokhri	2.276624	2.431434
	Paniyari Nala	Netalgad	12.29109	13.12688
	Ganwada Gad	Gawangad	46.83902	50.02407
	Khilyari Nala	Netalgad	11.03919	11.78985
	Ryala	Indrawati	14.20139	15.16708
	Koti	Indrawati, Kansen	14.81924	15.82695
	Haryali	Indrawati	27.2997	29.15608
	Mastari	Indrawati	22.71831	24.26316
	Total			161.785504
7 th year	Kyan gou Toligad	Indrawati	19.16922	20.47273
	Bongadi	Indrawati	11.20223	11.96398
	Dhanpur	Indrawati	9.02739	9.641253
	Dhobaha1	Indrawati	3.947328	4.215746
	Jamak	Andrigad,Kamargad	80.40005	85.86725
	Total			132.160959
8 th year	Manera	Kansen	2.065004	2.205424
	Kamar	Kamargad	18.12182	19.3541
	Kankrari	Indrawati	14.67004	15.6676
	Indrawati	Indrawati	6.079223	6.49261
	Total			43.719734
9 th year	Koti	Indrawati, Kansen	0	0
	Kuroli	Indrawati	4.663731	4.980865
	Nirakot, Baroda	Uttarkashi, Nirakot	21.15533	22.59389
	Sadha	Indrawati	1.099887	1.174679
	Devrana	Indrawati	0.769388	0.821706
	Nilada	Dugaddagad	13.5011	14.41917
	Total			43.99031
10 th year	Soragad	Dugaddagad, Pokhri	4.158653	4.441441
	Chada	Nirakot	21.09696	22.53155
	Bhatkali			0
	Silai	Nirakot	10.81285	11.54812
	Thalan	Indrawati	16.03539	17.1258
	Koti	Andrigad	5.795102	6.189169
	Bayana	Andrigad, Pokhri	2.101278	2.244165
	Silyana	Nirakot	17.94895	19.16948
	Total			83.249725
	Total		2293.168	2449.103 lac Or say 24.49 Cr



PHYSICAL AND FINANCIAL OUTLAY

Year of treatment	Name of Water Source	Name of MWS	Length of Stream proposed for treatment (below 3500mt. Altitude)	Estimated cost of treatment (in lac)
Gangotri National Park				
1 st year	Kedar Ganga	Kedarganga	8.35624	8.92446432
	Rudragaira	Rudugairagad	17.544659	18.73769581
	patangni Gad	Miyanagad	12.0428	12.8617104
	Total			40.52387053
2 nd year	Devrishi Nala	Gangotri	2.137231	2.282562708
	Kankhu nala	Chirbas, Gangotri	3.646859	3.894845412
	Kakoda Nala	Gangotri	2.089006	2.231058408
	Hamkiya Nala	Gangotri	1.273245	1.35982566
	Dev gad	Gangotri	0.835875	0.8927145
	Total			10.66100669
3 rd year	Bhanglubasa	Chirbas, Gangotri	10.628158	11.35087274
	Cheer basa gad	Chirbas, Gangotri	0	0
	Bhujgadi	Gangotri	0	0
	Bhojbasa Nala	Gaumukh	0	0
	Bhojbasa Nala-2	Gaumukh	0	0
	Total			11.35087274
4 th year	Bhojbasa Nala-3	Gaumukh	0	0
	Gaumukh Nala	Gaumukh	0	0
	Karchha Nala	Kalaghathi	11.099272	11.8540225
	Kalagadi Nala	Kalaghathi	5.900103	6.301310004
	Total			18.1553325
5 th year	Pagal Nala	Kalaghathi	4.249679	4.538657172
	Girchu Gad	Darani Gad, Kalaghathi	13.908854	14.85465607
	Karmoli Nala	Darani Gad, Kalaghathi	21.769682	23.25002038
	Total			42.64333362
6 th year	Dheni Gad	Nilapanigad	0	0
	Rigowa Gad	Nilapanigad	0	0
	Yala/Gully Gad	Jadaphu	0	0
	Total			0
7 th year	Neelapani Gad	Jadaphu, Nilapanigad	0	0
	Mana Gad	Lambigad, Choragad	0	0
	Sonam Nala	Solam	0	0
	Total			0
8 th year	Old Sonam Nala 1	Solam	0	0
	Old Sonam Nala 2	Solam	0	0
	Angar Nala	Nilapanigad	0	0
	Total			0

Year of treatment	Name of Water Source	Name of MWS	Length of Stream proposed for treatment (below 3500mt. Altitude)	Estimated cost of treatment (in lac)
9 th year	Tripani Purvi Nala	Nilapanigad	0	0
	Chor Gad	Darani Gad	0	0
	Gartang Gailary Gad	Kalaghati, Gartang Gad	0	0
	Total			0
10 th year	Jadung Nala	Jadhanggad	0	0
	Jadung Gad	Jadhanggad, Darani Gad	0	0
	Sukra Gad	Jadhanggad	0	0
	Rangmach Gad	Raugmachgad	0	0
	Total			0
		Total	115.4817	123.33 lac Or say 1.233 Cr
		Grand Total	2408.64 km	25.723 Cr

The total financial outlay proposed for watershed treatment for 10 years is 113.251 Crores

Note:

- The details of estimates per hectare treatment of catchment area and per kilometer treatment of stream as per schedule of rates of forest department has been Annexured as **Annexure-45**
- Following structure have been prescribed per kilometer length of the stream (per km cost of treatment) :
 - Dry Stone Check dam/Crate wire check dam/Spurs - 40 Nos.
 - Average cost per structure has been calculated as per the schedule of rates of forest departments

Chapter-3

AGRICULTURE & ALLIED SECTORS

Physical and Financial Outlay

Name of Department/Agency: (1) Agriculture

A. Development related

S. No.	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification		Current Status of Activity/ Progress (as on 01.01.2018)	Description			Physical targets as per time scale			Remarks
			Prohibited	Regulated Permitted		Physical Target	Estimated cost (Cr.)	0-5 yr	5-10yr	10-15 yr		
1	RKVV	Collection Centre (NO)		Yes	-	3	0.75	2	1			As per the sanction

B. Livelihood/NRM based

Fin in (Crore Rs.)

S. No	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification		Current Status of Activity/ Progress (as on 01.01.2018)	Description			Physical targets as per time scale			Remarks
			Prohibited	Regulated Permitted		Physical Target	Estimated cost (Cr.)	0-5 yr	5-10yr	10-15 yr		
1	PKVV	Construction of vermi compost pit, organic conversion of land, distribution of organic seeds, organic fertilizers and bio-pesticides, farmers training and jevik krishi mela		Yes	600 ha	1700 ha.	10.786	500	600	600		GMO free
2	Rastriya Krishi Vikas Yojana	Paddy/ wheat cluster demonstration including SRI		yes	20 ha.	1600 ha	1.152	600	500	500	500	Subsidized as per Govt. scheme
		Distribution of high yielding variety seed in Rs. 1000 per qtl. subsidy		yes	40 q	450 q	0.045	150	150	150	150	
RKVV		Distribution of micro nutrient/bio fertilizer in 50 per cent subsidy		yes	55 ha	600 ha	0.03	200	200	200	200	
		Multipurpose water harvesting programme		yes	8 no	12 no	0.30	4	4	4	4	-do-
3	National Food Security Mission	Protection of agriculture crops from wild animals		yes	10 ha.	1700 ha.	2.55	500	600	600	600	-do-
		Pulse cluster demonstration		yes	20 ha	300 ha	0.225	150	150	150	-	-do-

PHYSICAL AND FINANCIAL OUTLAY

S. No	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification		Current Status of Activity/ Progress (as on 01.01.2018)		Description		Physical targets as per time scale			Remarks
			Prohibited	Regulated	Permitted	Physical Target	Estimated cost (Cr.)	0-5 yr	5-10yr	10-15 yr		
		Distribution of high yielding variety seed of maize/ finger millets/ proso millets in Rs. 1500 per qtl. subsidy			Yes	1 q	750 q	0.1125	250	250	250	-do-
		Distribution of high yielding variety seed of pulses in Rs. 2500 per qtl. subsidy			yes	6 q	750 q	0.1875	250	250	250	-do-
		Distribution of micro nutrient/bio fertilizer in 50 per cent subsidy			yes	10 ha	600 ha	0.03	200	200	200	-do-
4	NMSA	Integrated farming system			yes	88 ha	200 ha	0.50	125	75	-	-do-
		Soil health management			Yes	526 no.	1000	0.0063	300	300	400	-do-
		Water harvesting structures	-	-	yes	-	80 no	2.00	30	25	25	-do-
5	Pradhanmantri Krishi Sinchayee Yojana	Water lifting pump	-	-	yes	-	50 no.	0.10	50	-	-	-do-
		HDPE pipe (ha)	-	-	yes	-	200 ha	0.048	100	100	-	-do-
		Roof rainwater harvesting	-	-	yes	-	1000 no	1.00	500	500	-	-do-
6	SMAM/RKYY/ NFSM	Power weeder/power tiller	-	-	yes	17 no.	300 no	2.70	100	100	100	-do-
		Distribution of small agriculture implements	-	-	yes	2000 no	10000 no.	0.10	4000	3000	3000	-do-
		Establishment of custom rearing centers	-	-	yes	-	30 no.	1.20	10	10	10	-do-
		Establishment of farm machinery banks and custom rearing centres			yes	-	40 no.	3.20	15	15	10	-do-
		For value addition establishment of dal mill, rice mill and finger millet processing unit etc.	-	-	yes	-	15	0.225	5	5	5	-do-
7	District plan	Distribution of Agricultural implements	-	-	yes	85	1500	0.30	500	500	500	-do-
		Mini kits	-	-	yes	30 q	450q	0.075	150	150	150	-do-
		Protection chemical and bio fertilizers	-	-	yes	300 ha	3000 ha	0.15	1000	1000	1000	-do-
		Soil and moisture conservation work	-	-	yes	100	1500	1.80	500	500	500	-do-
		Total financial outlay (Rs. in cr)						29.5723				



C. Linkage with other Department/ Agency (Including "Skill Development Agency")/ Scheme

S. No.	Name of Activity	Category as per Gazette Notification			Department/ Agency/ Scheme	Linkage Description	Physical targets as per time scale			Remarks
		Prohibited	Regulated	Permitted			0-5 yr	5-10yr	10-15 yr	
1	Skill Development of field staff of department and farmers			Yes	KVK's Sameeti State agriculture universities Organic board of Uttarakhhand	Trainings of modern and advanced technology	1000	1000	1000	As per Govt. scheme
2	Training on value addition/ income generation activities (eg. Namkeen, biscuits etc) of locally grown crops such as finger millet etc.				SAUS		20 groups	10 groups	10 groups	
3	Linkage for diversification of agriculture				Department of Horticulture, animal husbandry, livestock, forestry, fishery etc		-	-	-	

D. Skill Development being done within the department/ agency : Training programme arranged by the Directorate of Agriculture regarding skill development for departmental staff.

E. Relevant Studies to be conducted

S. No.	Study Title	Under which Activity	Category as per Gazette Notification			Objectives of Study	Physical targets as per time scale		
			Prohibited	Regulated	Permitted		0-5 yr	5-10yr	10-15 yr
1	Organic dye synthesized from unwanted weed	Natural Resource management			Yes	To utilize dominant weed Kala Bansa for synthesizing organic dye	1 project (5 location)	-	-
2	Insect pest management in organic farming				Yes	To develop method of plant protection in organic farming and use of the organic fertilizer and bio pesticide instead of chemical pesticide will replace slowly with time elapse with their documentation	1 project (4 location)	-	-
3	Identify the pure line of local cultivar of white Rajma and red Rajma				Yes	To identify the pure line of local cultivar like White Rajma and Red Rajma and notify to bring into seed chain	2 project (3 location)	-	-

Note: All three studies will be proposed with the working plan of research institutions/ SAUs.

Output and outcomes of the plan for Eco-Sensitive Zone

- Increase in agricultural productivity and diversification to strengthen the objectives of ESZ and livelihood of the local community.
- Latest technologies will address the issue of climate change mitigation and adaptation in the cropping patterns.
- Fertility and productivity of the soil will be maintained.

Name of Department/Agency : (2) Horticulture

S. No	Name of Scheme / Project	Name of activity	Category as per Gazette Notification			Current Status of Activity/ Progress (as on 01.01.2018)	Description		Physical targets as per time scale (cumulative)			Remark
			Prohibited	Regulated	Permitted		Physical Target	Estimated Cost in (Crores)	0-5 yr	5-10 yr	10-15 yr	
Mission for Integrated Development of Horticulture (MIDH)												
1	Area extension -Apple, Peach, Pears, Walnut, Pomegranate	Work of plantation	-	-	yes	72.00 Hac.	150 Hac	0.2700	50	50	50	Use of bio insecticide and pesticide in time bound manner
2	Vegetable cultivation-tomato, cauliflower, cabbage, capsicum	Area extension – hybrid	-	-	yes	38.00 Hac.	150 Hac	0.3750	50	50	50	Same as above
3	Floriculture –marigold	Plantation of flowers	-	-	yes	-	46 Hac	0.1150	10	16	20	Same as above
4	Spices	Chili, ginger	-	-	yes	3.00 Hac.	60 Hac	0.0900	20	20	20	Same as above
5	Rejuvenation of orchards	Rejuvenation of old and senile orchards	-	-	yes	13.00 Hac.	400 Hac	0.8000	100	150	150	Same as above
6	Low cost irrigation tanks	Tanks	-	-	yes	-	450 No.	0.9000	100	200	150	HDP/PVC/LDPE tanks
7	Vermi compost Pit	permanent structure	-	-	yes	-	200 No.	0.6000	40	80	80	Vermi pit size 20X8X1,5 ft.
8	Protected cultivation	Poly house structure for vegetable	-	-	yes	2600 sq.m	6000 sq.m	0.5851	2000	2000	2000	Size 100m sq.m.to 100 sq.m.
9	Nursery Establishment	Government model nursery	-	-	yes	-	3. No.	0.0975	1	1	1	Use of bio insecticide and pesticide in time bound manner
District Plan												
10	Packing material	Plastic crates/klita corrugated box	-	-	yes	10000 Nom.	90000 No.	0.7200	25000	30000	35000	
Site Plan												
11	Protection of Horticultural Crop from wild animals	Fencing	-	-	yes	9.80 ha	60 Hac	0.6000	20	20	20	
Total Financial outlay (Rs. in cr)												5.1526

B. Linkage with other Department/Agency (Including "Skill Development Agency") /scheme:

S. No.	Activity	Category as per Gazette Notification			Link Department/ Agency/Scheme	Linkage Description	Physical targets as per time scale			Remarks
		Prohibited	Regulated	Permitted			0-5 yr	5-10 yr	10-15 yr	
1	Training	-	-	Permitted	Agriculture	Agricultural Technology Management Agency (ATMA)	20 No.	40 No.	60 No.	As per the linkage department targets
2	Orchard management	-	-	Permitted	Gramya Vikas	BADP*	300 No.	600 No.	900 No.	As per the linkage department targets
					MNREGA	Fencing of new orchard	As per the linkage department policy			Convergence with MNREGA

* Border Area Development Program funding by GOI to train, generate livelihood among farmers and increase entrepreneurship in the area.

C. Skill Development being done within the Department/Agency (if any) :

Training of mushroom cultivation and bee keeping, fruit processing and preservation.

D. Relevant Studies to be conducted :

S. No.	Study Title	Under which activity	Category as per Gazette Notification			Objectives of study	Physical targets as per time scale		
			Prohibited	Regulated	Permitted		0-5 yr	5-10 yr	10-15 yr
1	Organic farming	Organic farming (especially temperate fruit crop)	-	-	Permitted	Organic cropping practices their effect on productivity increasing use of Bio pesticides, Bio fertilizers and green manure and its effect on productivity, quality availability of market	10	35	70

E. Outputs and Outcomes of Horticulture Plan for Eco-Sensitive Zone Department is helping the farmers to plant new orchards, vegetable flowers and protected cultivation which ultimately is creating entrepreneurship in the ESZ. The area notified under the ESZ is a major apple growing belt which has its name in the national market. Under HMNEH programme new orchards are planted and rejuvenation of the old and senile apple orchards has been done. Mechanization of horticulture, supply of new improved planting material and support on quality packaging material has increased the farmer's income manifold. In future also department of horticulture will play a major role in increasing the farmer's income and thereby fulfilling the Prime Minister's vision of doubling the farmer's income by the year 2022.

Name of Department/Agency: (3) Animal Husbandry

A. Livelihood based

S. No	Name of Scheme/ Programme	Name of Activity	Category as per Gazette Notification		Current Status of Activity/ Progress (as on 01-01-2018)	Description		Physical targets as per time scale			Remarks
			Prohibited	Regulated		Permitted	Physical Target	Estimated cost (in Cr.)	0-5 Yr	5-10 Yr	
1	District Sector SCP	Distribution of Backyard Poultry units				1500	0.315	500	500	500	As per the Sanction
2	State Sector SCP-TSP scheme	Distribution of Cow Unit	-	-	-	90	0.324	30	30	30	As per the Sanction
3		Distribution of Sheep Unit	-	-	-	45	0.2835	15	15	15	As per the Sanction
4		Distribution of Goat Unit	-	-	-	15	0.0945	05	05	05	As per the Sanction
5.	Ahiyabai Holkar scheme	Distribution of Sheep Unit	-	-	-	30	0.27531	10	10	10	As per the Sanction
6.	Ahiyabai Holkar scheme	Distribution of Goat Unit	-	-	-	30	0.27531	10	10	10	As per the Sanction
7	Vaccination Programmes	Vaccination against animal diseases	-	-	-	600000	0.36	200000	200000	200000	As per the Sanction
8	Treatment camps	Organization of Treatment Camps	-	-	-	210	0.21	70	70	70	As per the Sanction
9	Wool shearing and treatment camps	Wool Shearing and treatment camps	-	-	-	30	0.03	10	10	10	As per the Sanction
10	Training programmes of ATMA	Training Programmes of ATMA	-	-	-	60	0.03	20	20	20	As per the Sanction
11	Demonstrations of ATMA	Demonstrations of ATMA	-	-	-	60	0.024	20	20	20	As per the Sanction
12	Farm visits of ATMA	Farm visits of ATMA	-	-	-	30	0.06	10	10	10	As per the Sanction
13	Distribution of fodder seeds	Distribution of Fodder seeds	-	-	-	1500 Qtl.	0.15	500 Qtl.	500 Qtl.	500 Qtl.	As per the Sanction
14	Livestock insurance	Insurance of animals	-	-	-	15000	0.75	5000	5000	5000	As per the Sanction
15	Artificial insemination	A.I. of cow and buffaloes	-	-	-	36000	0.36	12000	12000	12000	As per the Sanction
Total Financial outlay (Rs. in cr)							3.54162				

Output and outcomes of the plan for Eco-Sensitive zone

- Increase in Animal productivity and Improvement in the quality of animal product will help farmers get maximum monetary benefits.
- Latest technologies will address the issue of increasing farmers income without adversely affecting the environment.
- Fertility and productivity of animals will be maintained.
- Livestock rearer will be self-sustainable entrepreneurs not seeking any other enterprise which threatens the eco system of ESZ.
- Skill development of farmers through ATMA and other trainings, exposure visits etc.
- Regular vaccination of animal will help farmers maintain healthy animals and also reducing chances of zoonotic diseases.



Name of Department/ Agency: (4) Fishery

Name of Department/ Agency: Department of Fisheries, Uttarkashi

A. Livelihood based :

Fin in Crore Rs

S. No	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification			Current Status of Activity/ Progress (as on 01.01.2018)	Description		Physical targets as per time scale			Remarks
			Prohibited	Regulated	Permitted		Physical Target	Estimated Cost (Cr.)	0-5 yr	5-10 yr	10-15 yr	
1	Blue Revolution (trout farming and inputs)	Construction of trout fish ponds (raceways) and inputs for raceways	-	-	Yes	12 units	100 units	4.50	30	35	35	Subsidized as per Govt. scheme
2	Scheduled Caste sub-plan	Construction of ponds	-	-	yes	15units	100 units	1.00	30	30	40	Subsidized as per Govt. scheme
		Training	-	-	yes	40	300	0.045	100	100	100	
3	Construction of ponds in hilly regions	Conference	-	-	yes	10	30	0.03	10	10	10	
		Construction of ponds	-	-	yes	5 units	100 units	0.50	30	40	30	
		Training	-	-	Yes	5	150	0.01125	50	50	50	
4	Construction of adarsh pond in hilly region	Conference	-	-	yes	2	15	0.015	5	5	5	
		Construction of ponds	-	-	yes	1unit	50 units	1.50	15	15	20	
5	Blue Revolution (running water ponds)	Construction of ponds	-	-	yes	-	50 units	0.50	15	15	20	-do-
6	Blue Revolution (skill development training)	Training	-	-	yes	7 no	75 no	0.06375	25	25	25	-do-
Total financial in cr.									8.165			

Chapter-4

**RURAL
DEVELOPMENT**

Physical and Financial Outlay

Name of Department/Agency: (1) Rural Development

A. Development Related

S. No.	Name of scheme	Name of Activity	category as per Gazette Notification			Description		Physical targets as per time scale			Remarks
			Prohibited	Regulated	Permitted	Physical target	Estimated cost (in Crore)	0-5 yrs.	5-10 yrs.	10-15 yrs.	
1	2	3	4	5	6	7	8	9	10	11	12
1	MGNREGS	1- Individual House hold latrines 2- Bridle Paths/ C:C Roads 3- Disaster preparedness (Flood control & protection Works) (i) Retaining walls (ii) Check dams (iii) Embankments etc. 4- Construction of Anganwadi Centres			Permitted	3885 nos	4.6620	700 nos	1175 nos	2010 nos	Unit Cost IHHL @Rs. 12000/ fixed as per Guide Line Unit Cost of Bridle paths & CC roads Rs. 2.53 lakh / Km Unit cost of Flood Protection works Rs. 0.80 Lakh
2	MP LADS	1- Bridle Paths /C:C Roads 2. Flood protection works 3- Play grounds in Rural area			Permitted	20 nos	1.00	4 nos	6 nos	10 nos	Unit Cost of Anganwadi Centre @ Rs. 5.00 lakh fixed as per Guide Line. Developmental Schemes proposed by Honble M.P. within the MPLADS fund. Unit cost is calculated as average works recommendation.
3	Chief Minister's announcement	Construction of multipurpose building at Bhatwari	Regulated	01 No	5.268	01 nos	-	-	unit cost as per estimate

PHYSICAL AND FINANCIAL OUTLAY

S. No.	Name of scheme	Name of Activity	category as per Gazette Notification			Description		Physical targets as per time scale				Remarks
			Prohibited	Regulated	Permitted	Physical target	Estimated cost (In Crore)	0-5 yrs.	5-10 yrs.	10-15 yrs.		
1	2	3	4	5	6	7	8	9	10	11	12	
4	MLA LADS	1-Drinking water supply. 2-Construction of school buildings, hostels, Libraries. 3-construction of Bridle Paths / C:C Road, walls, internal roads, Drains, Foot bridges etc. 4-construction of E-Chaupals, Panchayat Bhawan etc.,	-	-	permitted	95 nos	0.955	45 nos	50 nos	-	Developmental Schemes proposed by Hon'ble M.L.A. within the MLALADS fund.	
			-	-	permitted	126 nos	1.266	60 nos	66 nos	-	Unit cost is calculated on average work recommendation.	
			-	-	permitted	1398 nos	14.046	666 nos	732 nos	-		
			-	-	permitted	53 nos	0.533	25 nos	28 nos	-		
5	BA D P	1.Construction of Rural bridges 2.Infrastructure Development of Power sectors 3.Community Centre/ Aganwadies 4.Supply of medical equipments 5. Community sanitation centers 6. Infrastructural Development Projects of Schools 7.Construction of Play grounds 8.Infrastructure development of BGFs 9.Agriculture & allied Sector works 1. Construction of Individual houses	-	Regulated	-	15 nos	16.95	05 nos	10 nos	-	Schemes are taken on Yearly basis of planning. Targets given achieved from F.Y 2017-2018 & onwards.	
			-	-	Permitted	27 nos	2.90	07 nos	20 nos	-		
			-	-	Permitted	11 nos	1.19	06 nos	05 nos	-		
			-	-	Permitted	13 nos	2.21	03 nos	10 nos	-		
			-	-	Permitted	26 nos	2.08	06 nos	20 nos	-		
			-	-	Permitted	32 nos	3.70	07 nos	25 nos	-		
			-	-	Permitted	16 nos	2.93	06 nos	10 nos	-		
			-	-	Permitted	46 nos	4.66	16 nos	30 nos	-		
			-	-	Permitted	11 nos	1.65	01 nos	10 nos	-		
6	PMAY (G)	1. Construction of Individual houses	-	-	permitted	90 nos	1.17	30 nos	60 nos	-	Beneficiaries are selected on the basis of SECC data and GP resolution. Unit Cost of PMAY-G is Rs. 1.30 Lakhs as per the PMAYG Guide Line.	

B. Livelihood and Natural Resources Management

S No.	Name of Scheme	Name of Activity	Category as per Gazette Notification			Description		Physical targets as per time scale			Remarks
			Prohibited	Regulated	Permitted	Physical target	Estimated cost (in crore)	0-5 yr	5-10 yr	10-15 yr	
1	MGNREGS	1. Farm ponds			Permitted	490 nos	0.4900	150 Nos	160 nos	180 nos	Unit cost of item fixed as per Guide Line Rs. 10000/
		2. Vermin compost pits			Permitted	740 nos	0.666	210 Nos	250	280 nos	Unit cost fixed as per Guide Line Rs 9000/
		3. NADEP pits			Permitted	730 nos	0.5840	210 nos	255 nos	265 nos	Unit Cost is fixed as per Guide Line Rs. 8000/
		4. Water conservation/ harvesting works			Permitted	1802 nos	14.4160	470 nos	627 nos	705 nos	Unit cost of items Rs. 0.80 Lakhs
		5. Afforestation & tree plantations			Permitted	464 nos	3.944	134 nos	150 nos	180 nos	Unit cost of items Rs. 0.85 Lakhs
		6. Irrigation canals including micro & minor irrigation works			Permitted	2505 nos	23.7975	708 nos	830 nos	967 nos	Unit cost of items Rs. 0.95 Lakhs
		7. Land development activities			Permitted	3010 nos	24.08	950 nos	1003 nos	1057 nos	Unit cost of items Rs. 0.80 Lakhs
		8. Renovation/Repair of traditional water bodies. (i) Restoration of natural water sources. (ii) water recharge activities. etc			Permitted	80 nos	1.20	15 nos	30 nos	35 nos	Unit cost of items Rs. 1.50 Lakhs
		9. Irrigation horticulture plantation, forestry other water harvesting structure work for individual land of SC, ST, below headed household, physical handicapped beneficiaries of land reforms, women-headed households beneficiaries under the Indra Awas Yojna			Permitted	1302 nos	11.067	374 nos	412 nos	516 nos	Unit cost of items Rs. 0.85 Lakhs
		10. Cow/ Goat/ Hen sheds & livestock related works			Permitted	4878 nos	17.073	1495 nos	1553 nos	1830 nos	Unit cost of items Rs. 0.35 Lakhs as per Guide Line

PHYSICAL AND FINANCIAL OUTLAY

C. Linkage with other Department/ Agency (Including “Skill Development Agency”)/ Scheme :

S. No.	Name of activity	Category as per Gazette			Linkage Dept Agency/ Scheme	Linkage Description	Description		Physical target as per time scale			Remarks
		Prohibited	Regulated	Permitted			Physical Target	Estimated cost (in crore)	0- 5 yr	5-10 yr	10-15 yr	
1	Construction of community centres, Anganwadies, community toilets & play ground Under BADP.	-	-	Permitted	DRDA /BADP	Linkage of BADP with MGNREGA	38 nos	1.888	13 nos	25 nos		Convergence of BADP with MGNREGA unit cost Rs. 4.97 Lakhs
2	Construction of Cow sheds, Goat shelters, poultry shelters, cattle shelters and fodder pots for cattles under Animal Husbandry department	-	-	Permitted	-	Linkage of SCP with MGNREGA	327 nos	1.046	95 nos	102 nos	130 nos	Convergence of Animal husbandry with MGNREGA unit cost Rs. 0.32 Lakhs
3	Plantation on Individual community land under Horticulture department.	-	-	Permitted	-	Linkage of with MGNREGA	335 nos	5.025	100 nos	105 nos	130 nos	Convergence of Horticulture with MGNREGA unit cost Rs. 1.50 Lakhs
4	Agriculture related work as farm ponds, protection walls. Irrigation canals under Agriculture department	-	-	Permitted	-	Linkage of PMKSY with MGNREGA	265 nos	2.12	70 nos	85 nos	110 nos	Convergence of Agriculture with MGNREGA. Unit Cost Rs. 0.80 Lakhs
5	GP Internal P.C. roads and Sanitation drainages, under 14 th / 15 th commission, State finance Commission and R.G.P.S.A. Panchayat raj Department	-	-	Permitted	-	Linkage of with MGNREGA	250 nos	1.875	50 nos	70 nos	130 nos	Convergence of with MGNREGA unit cost Rs. 0.75 Lakhs
6	Pradan Mantri Awas beneficiaries @95 Mandays	-	-	Permitted	-	Linkage of with MGNREGA	90Nos	0.1496	30 nos	60 nos		Convergence with MGNREGA Unit cost Rs 16625/
Total financial outlay for Rural Department (In crore)								197.1453 crore				

Name of Department/ Agency : (2) Panchayati Raj

S. N.	Name of Scheme	Name Of Activity	Category as per Gazette Notification			Description		Physical targets as per time scale			Remark
			Prohibited	Regulated	Permitted	Physical Target	Estimated Cost (In Crore)	0-5 Yr	5-10 yr	10-15 Yr	
1	2	3	5	6	7	8	9	10	11	12	13
1	14 th /15 th Finance Commission	Repairing of water Resource	-	-	Permitted	320 Nos	9.60	80 nos	105 Nos	135 Nos	Unit cost Rs 3.00 Lakhs Per Unit
		Solar Lights	-	-	Permitted	80 Nos	2.00	20 Nos	25 Nos	35 Nos	Unit cost Rs 2.50 Lakhs per G.P
		Panchayat Bhawan Nirman R.G.P.S.A	-	-	Permitted	35 Nos	4.20	5 Nos	10 Nos	20 Nos	Unit cost Rs 12.00 Lakhs Per Panchayat Bhawan
		G.P. Internal P.C.Roads, Sanitation and Drainages	-	-	Permitted	350 Nos	6.58	90 Nos	110 Nos	150 Nos	Unit cost Rs 1.88 Lakhs
2	State Finance Commission	Panchayat Bhawans Repairing R.G.P.S.A	-	-	Permitted	45 Nos	0.90	10 Nos	15 Nos	20 Nos	Unit cost Rs 2.00 Lakhs
		Construction of PCC Roads & Safety Walls etc	-	-		240 Nos	3.60	50 Nos	80 Nos	110 Nos	Unit cost Rs 1.50 Lakhs
Total financial outlay for Panchayati Raj (in Crore)											26.88 Crore

Chapter-5

**URBAN
DEVELOPMENT**

Proposed interventions

1. Development Related :

S. NO	Name of Scheme/ Project	Name of Activity	Activity Proposed Before 18-12-2012 or After	Category as Per Gazette Notification			Current status of activity/ progress (as on 21-12-2017)	Description		Physical targets as per time scale			Remarks
				Prohibited	Regulated	Permitted		Physical target	Estimated cost (Rs in cr.)	5 yr	10 yr	15 yr	
1	SBM(U) Scheme duration is limited to year 2019.	Individual House Hold Latrine (IHHL)	After			yes	114 Individual Toilets completed out of target 144 and 30 Toilets are Proposed	144		-	-	-	
		Community Toilet (CT)/Private Toilet (PT)	After			yes	Proposed	40		-	-	-	
		Solid Waste Management processing plant comprising segregation centre compost plant and compactor unit at ward no 5 and 6 of Uttarkashi ULB	After			Yes	Budget allocated	5.5 MT	0.74	8 MT	02	-	Approximately Rs. 45 Lacs released for solid waste management and 10 Lacs released under Swachh Bharat Mission
2	Board Fund	Construction of pre-fabricated shops at Sabji Mandi	After			yes	Proposed	80 shops	1.20	80 shops	40	-	DPR prepared and put up for necessary sanction.
3	Establishment Fund	Construction of multi-storied parking to cope up with the problem of vehicles being parked haphazardly at National Highway	After			Yes	Proposed	1 unit	6.50	1 unit	02	-	DPR is being prepared (by ULB Uttarkashi)
4	DAY-National Urban Livelihood Mission(NULM)	Ran-Basera	After			Yes	Proposal	1 unit	0.75	1 unit	3	-	DPR is being prepared (by ULB Uttarkashi)
5	Varunawat Rehabilitation fund	Construction of protective RCC wall in Varunawat mountain Ward no-01	After			Yes	Proposal under consideration		0.60				DPR is being prepared (by ULB Uttarkashi)
6	14 Finance Commission, State Finance Commission	Basic civil construction work like fabricated shops, underground drainage, PCC roads, Retaining walls, plumb masonry work, ghat construction etc.	After			Yes	Proposal	As per ULB target					<ul style="list-style-type: none"> Fund will be allocated under Central Finance Commission, State Finance Commission and Development funds of Nagar Palika Fund Cost of the project will be estimated by ULB

S. No	Name of Scheme/Project	Name of Activity	Activity Proposed Before 18-12-2012 or After	Category as Per Gazette Notification		Current status of activity/progress (as on 21-12-2017)	Description		Physical targets as per time scale			Remarks
				Prohibited	Regulated/Permitted		Physical target	Estimated cost (Rs in cr.)	5 yr	10 yr	15 yr	
7	House For All (HFA)	Construction of Dwelling Units (60 Square meter)	After			Yes	276	under PMAY (Urban)				Housing demand survey currently being undertaken, 35 beneficiaries identified so far.
8	Disposal Site	For solid waste management	After	Yes		Proposed	04	6.00	02	02		Site selection is going on
9	Employee	Management and worker etc.	After		Yes	Proposed	200	-	-	-		For the straighten of Nagar Palika Parishad
10	Vehicle	For transportation of waste disposal	After	Yes		Proposed	21	-	09	12		For the collection, disposal and transportation of solid waste

2. Livelihood, NRM & Disaster Preparedness related :

S. No	Name Of Scheme/Project	Name Of Activity	Category as Per Gazette Notification		Current status / progress (as on 31-11-2017)	Description			Physical targets as per time scale			Remarks
			Prohibited	Regulated/Permitted		Physical target	Estimated cost (Rs. in cr.)	5yr	10 yr up to 2022	15 yr		
1	DAY-National Urban Livelihood Mission (NULM)	Self help group (SHG) formation EST&P SEP SUSV			Yes Yes Yes Yes	23 1335 80 242	96 5984 144 1208	0.21 0.73 1.40 0.80	49 3153 28 815	24 1496 36 151	- - - -	No of SHGs No of trainees No of trainees No of vendors

*EST&P: Employment Skill Training and Placement, SEP: Self Employment Program, SUSV: Support for Urban Street Vender, SUH: Shelter for Urban Homeless

3. Linkage with other Department/Agency (Including "Skill Development Agency")/scheme:

S. No	Activity	Category as Per Gazette (Prohibited/Regulated/Permitted)		Linkage Description	Physical targets as per time scale			Remarks
		Prohibited	Regulated/Permitted		5 yr	10 yr	15 yr	
1	Skill Development		Yes	Uttarakhand Skill Development Mission (UKSDMU, Labour Department, Bank, Tourism Department, Industry Department insurance	-	-	-	DAY-National Urban Livelihood Mission (NULM) requirement

4. Skill Development Being Done With In The Department/Agency (If, Any):

- Capacity building trainings have been done under different schemes such as Swachh Bharat Mission (SBM), DAY National Urban Livelihood Mission (NULM) and House For All(HFA) for effective implementation of projects.

5. Relevant Studies to be conducted :

S. NO	Study title	Under which Activity	Category as Per Gazette (Prohibited/Regulated/Permitted)			Objectives of study	Physical targets as per time scale			Remarks
			Prohibited	Regulated	Permitted		5yr	10 yr	15 yr	
1	City Sanitation Plan	Technical Cooperation with GIZ- Support to National Urban Sanitation Policy (SNUSP) Program	-	-	permitted	To make a comprehensive plan for management of liquid and solid waste in Uttarakashi Cluster	-	-		-

Note- The study being conducted to such opportunities to enhance the City Sanitation Plan within ULB. The study being granted to GIZ and likely to be completed march 2017

NODAL AGENCY : Education Department

Physical and Financial Proposal (Urban)

S. No.	Name of work / project	Name of Activity	Category as per gazette notification			Description		Physical target as per time scale			Remarks
			Prohibited	Regulated	Permitted	Physical target	Estimated cost (Rs. In Cr.)	5 yr	10 yr	15 yr	
1	Buildings	New construction, re-construction and maintenance of school buildings	-	Yes		03	-	03	02	02	Construction will be done on same school premises.
2	Additional class rooms	New construction and maintenance	-	Yes	-	0	-	0	02	01	
3	Science labs.	New construction	-	Yes	-	1	-	1	-	-	
4	Computer labs	New construction	-	Yes	-	0	-	0	-	-	
5	Toilets blocks	New construction, re-construction and maintenance	-	Yes	-	2	-	2	3	5	
6	Kitchen cum stores	New construction and maintenance	-	Yes	-	1	-	1	-	-	
Total			-	Yes	-	07	-	07			

Chapter-6

IRRIGATION

Name of Department/Agency : Irrigation Sector, Uttarkashi

A. Development Related: (1) Status of Existing Minors Schemes

S. NO.	Name of Minor Scheme	Year of completion	Beneficiary Villages	Length (In km)	C.C.A (In Hect.)	P.P.A (in Hect.)			Remark
						Kharif	Rabi	Total	
1	Pala Minor	1975-76	Pala, Barsu	3.80	110	72	34	106	
2	Malla Minor	1883-84	Pahi ,Malla	3.10	70	24	11	35	
3	Raithal Minor	1958-59	Raithal ,kyark, Bandrani	1.60	80	36	20	56	
4	Jamak Minor	1992-93	Kamar, jamak	2.25	15	5	2	7	
5	Didsari Minor	1977-78	Didsari	3.77	39	39	30	69	
6	Sainj Minor	1964-65	Sainj	1.80	30	22	12	34	
7	Naitala Minor	1952-53	NaitalaGawana	4.10	78	31	20	51	
8	Gawana Minor	1991-92	Gawana	2.00	35	20	15	35	
9	Uttarkashi Minor	1956-57	Uttron, Gongori, Badahatt.	6.10	40	35	25	60	
10	Seemakoti Minor	1976-77	Bonga, Dobata, Ladari, Dang	2.80	28	28	28	56	
11	Ladari Minor	1976-77	Ladari, kansen	1.90	20	20	20	40	
12	Gorsali Minor	1958-59	Gorsali, Dwari, Pahi, Jaunkani.	2.20	150	74	47	121	
13	Thalan/Mangalpur Minor	2008-09	Thalan	1.50	14	12	10	22	
14	Saura Minor	2010-11	Sora	1.50	7.5	7	5	12	
15	Bonga Minor	2011-12	Bonga	1.61	15	13	11	24	
16	Gajoli Minor	1982-83	Gajoli	2.15	32	18	14	32	
17	Kaflon Minor	1982-83	Saku	1.20	7	5	4	9	
18	Maanpur/Kishanpur Minor	1979-80	Manpur kishanpur	4.20	60	35	29	64	

B. Livelihood, NRM & Disaster Preparedness related

S. No	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification			Current Status/ Progress (as on 01-04-2016)	Description		Physical targets as per time scale			Remarks
			Prohibited	Regulated	Permitted		Physical target	Revenue Generation	5 yrs	10 yrs	15 yrs	
Livelihood: 1) Status of Existing Schemes												
1	Use of Ganga jal by M/s Gangotri Mineral Water (P) Ltd. In Jhala	This comes under thrust industry category and gives employment for the livelihood of local people.		Y		Running	(Aprox man power 4/day)	Royalty Rs. 4902/yr	Royalty Rs. 24510	Royalty Rs. 24510	Royalty Rs. 24510	The revision of royalty rates are under consideration of the government level.
2	Use of Ganga jal by M/s Uttarkashi Mineral Water (P) Ltd. in Ongi			Y		Running	(Aprox manpower 3/day)	Royalty Rs. 2454/yr	Royalty Rs. 12270	Royalty Rs. 12270	Royalty Rs. 12270	The revision of royalty rates are under consideration government level.

C. Disaster Preparedness related : Status of Existing Schemes

S. No	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification			Activity proposed before 18-12-2012 or After	Remarks
			Prohibited	Regulated	Permitted		
1	Uttarkashi Flood Protection Work Scheme	Conservation/Protection of man-made heritage (Buildings, structures artefacts, temples, streets, agriculture areas and precincts of historical or architectural or aesthetical or cultural or environmental significance)		Y		Before	Completed in 1980-81
2	Ujeli Flood Protection Work			Y		Before	Completed in 1983-84
3	Gangotri Flood Protection Work at Left bank and Right Bank.			Y		Before	Completed in 1985-86
4	Bhatwari Tehsil Flood Protection work			Y		Before	Completed in 1985-86
5	Mando Nala Flood Protection Work			Y		Before	Completed in 1985-86
6	Indrawati Flood Protection Work			Y		Before	Completed in 1985-86
7	Kishanpur Flood Protection Work			Y		Before	Completed in 1986-87
8	Gawana Flood Protection Work			Y		Before	Completed in 1986-87
9	Court Bangla Flood Protection work			Y		Before	Completed in 1988-89

S. No	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification			Activity proposed before 18-12-2012 or After	Remarks
			Prohibited	Regulated	Permitted		
10	Sangam Chhati Flood Protection Work			Y		Before	Completed in 1997-98
11	Renovation Work of Suryakund			Y		Before	Completed in 2000-01
12	Gyan Ganga Ashram Flood Protection Work			Y		Before	Completed in 2004-05
13	Mukhva Nala Flood Protection Work			Y		Before	Completed in 2005-06
14	Kakoda gad Flood Protection Work			Y		Before	Completed in 2006-07
15	BharavJhanp Nala Flood Protection Work			Y		Before	Completed in 2006-07
16	Sangam Chhati Flood Protection Work			Y		Before	Completed in 1997-98
17	Flood Protection Work at Jalendrigaad Under S.P.A.	Conservation/Protection of man-made heritage (buildings, structures artefacts, temples, streets, agriculture areas and precincts of historical or architectural or aesthetical or cultural or environmental significance)		Y		After	Completed in 03/2015
18	Flood Protection Work at Gangotri Village Under S.P.A.			Y		After	Completed in 03/2015
19	Flood Protection Work at Joshiyara Under S.P.A.			Y		After	Completed in 03/2015
20	Flood Protection Work at Mando Village Under S.P.A.			Y		After	Completed in 03/2015
21	Flood Protection Work at Tekhla Village Under S.P.A.			Y		After	Completed in 03/2015
22	Flood Protection Work at Tiloth Village Under C.S.S.(R)			Y		After	Completed in 03/2016
23	Flood Protection Work at Agrawal bhawan to Police line in Ujeli and Kailash Ashram Under C.S.S.(R)	Conservation/Protection of man-made heritage (buildings, structures artefacts, temples, streets, agriculture areas and precincts of historical or architectural or aesthetical or cultural or environmental significance)		Y		After	Completed in 03/2016
24	Flood Protection Work at Bheemgufa to Anand Ashram Luksheshwar under C.S.S.(R)			Y		After	Completed in 03/2016
25	Flood Protection Work at Simorinamatok Gangori Under C.S.S.(R)			Y		After	Completed in 03/2016
26	Flood Protection Work at Ganeshpur under C.S.S.(R)			Y		After	Completed in 03/2016
27	Flood Protection Work at Netaal and Siror under C.S.S.(R)		Conservation/Protection of man-made heritage (buildings, structures artefacts, temples, streets, agriculture areas and precincts of historical or architectural or aesthetical or cultural or environmental significance)		Y		After
28	Flood Protection Work at Dharali under C.S.S.(R)			Y		After	Completed in 03/2016
29	Flood Protection Work at Bhatwari to Charethi under C.S.S.(R)			Y		After	Completed in 03/2016
30	Flood Protection Work at Bhaluda under C.S.S.(R)			Y		After	Completed in 03/2016
31	Flood Protection Work at Sainj Naluna Under C.S.S.(R)			Y		After	Completed in 03/2016
32	Uttarkashi Flood Protection Work Scheme	Conservation/Protection of man-made heritage (buildings, structures artefacts, temples, streets, agriculture areas and precincts of historical or architectural or aesthetical or cultural or environmental significance)		Y		After	Completed in 03/2016 by UJVNL
33	Flood Protection work in Maneri			Y		After	Completed in 03/2017
34	Flood Protection Work from Down stream of N.H. Bridge in Dharali and KhirGaad. Under NABARD			Y		After	Completed in 03/2017
35	Flood Protection Work at Jalendri Gaad to protect village Harsil and Bagori Under NABARD			Y		After	Completed in 03/2017



PHYSICAL AND FINANCIAL OUTLAY

S. No	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification			Activity proposed before 18-12-2012 or After	Remarks
			Prohibited	Regulated	Permitted		
36	Flood Protection Work at Purkanala to protect village Bagori under NABARD	Conservation/Protection of man-made heritage (buildings, structures artefacts, temples, streets, agriculture areas and precincts of historical or architectural or aesthetical or cultural or environmental significance)		Y		After	Completed in 03/2017
37	Flood Protection Work at Kakodagaad to protect village Harsil Market Under NABARD			Y		After	Completed in 03/2017
38	Flood Protection Work along right bank of Bhagirathi river to protect Gangnani, Sunagar, Primary health Centre under NABARD			Y		After	Completed in 03/2017
39	Flood Protection Work at Kedar Ganga to protect Gangorti Market Under NABARD			Y		After	Completed in 03/2017
40	Flood Protection Work along both banks of Bhagirathi river to protect village Siror, Natala and Shivananda Kuttir under NABARD			Y		After	Completed in 03/2017
41	Flood Protection Work along Left bank of Bhagirathi river to protect village syuna under NABARD				Y		After

Abstract of Future Plan/Strategy of Irrigation Department in BESZ Watershed

S. No	Name of Scheme/Project	Name of Activity	Description		Physical target as (km) per time scale			Remark
			Physical target (km/Nos)	Estimated cost (Crore)	5 yr	10 yr	15 yr	
1	RRR of existing 18 Nos. main channels under PMKSY	Agricultural and Domestic Consumption of water for Bona-fide Occupier	35.90	8.59	35.90			Scheme has been proposed under PMKSY
2	Construction of 20 Nos. new field guls under PMKSY		34.25	9.98	28.25	3.25	2.75	
3	Construction of 09 Nos. new lift/Tube well schemes under PMKSY		9 Nos	8.10	7 Nos		2 Nos	(-do-)
4	Construction of 82 Nos. of minors by M.I Department, Uttarkashi		31.00	2.47	31.00			
5	Construction of 77 Nos pipeline by M.I Department, Uttarkashi		34.30	16.52	34.30			(-do-)
6	Construction of 89 Nos hauz/water tank by M.I Department, Uttarkashi		89 Nos	5.80	89 Nos			
7	Construction of 596 Nos. Non-DPAP drip under PMKSY		596 Nos	1.01	596 Nos			(-do-)
8	Construction of 21 Nos. Non DPAP sprinkler under PMKSY		21 Nos	0.06	21 Nos			
9	Construction of 9 Nos flood protection works		7.71	33.721	7.71			
10	River channelization in Bhagirathi river and its tributary Assiganga and Indravati	River channelization by mining of river borne RBM from river bed upto 2.0 m depth to centralize diverted river flow required for mitigation of disaster	0.4 MCM	9.00	0.133 MCM	0.133 MCM	0.133 MCM	
11	RRR of existing flood protection works	RRR of old schemes	18.00	18.00		9.00	9.00	
12	Restoration/renovation of bathing & cremation ghats under NMCG		3.00	8.74	3.00			Conservation of natural heritage
Total Financial Outlay of Irrigation Department (in Crores)				121.991				

Future Strategy/Plan in Bhagirathi Eco-Sensitive Zone of Irrigation Department

Name of Department/Agency : Irrigation Sector, Uttarkashi

A. Development Related: Proposed Works

S. No	Name of Scheme/Project		Name of Activity	Activity Proposed before 18-12-2012 or After	Category as per Gazette Notification			Current Status of Activity/Progress (as on 01-01-2018)	Description		Physical Targets as (km) per Time scale			Remarks
					Prohibited	Regulated	Permitted		Physical target (km)	Estimated cost (Crores)	5 yr	10 yr	15 yr	
1	RRR of Malla Minor	RRR of minor	Agricultural and domestic consumption of water for Bona-fide occupier	After		Y		Proposed	2.00	0.4498	2.00			Scheme has been proposed under PMKSY
		Const. of new field gul							2.50	0.75	2.50			
2	RRR of Raithal Minor	RRR of minor	Agricultural and domestic consumption of water for Bona-fide occupier	After		Y		Proposed	1.00	0.224	1.00			(-do-)
		Const. of new field gul							0.50	0.15	0.50			
3	RRR of Gorsali Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	1.50	0.333	1.50			(-do-)
4	RRR of Sainj Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	1.50	0.337	1.50			(-do-)
		Const. of New Field Gul							2.00	0.60	2.00			
5	RRR of Saura Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	1.00	0.225	1.00			(-do-)
		Const. of New Field Gul							2.00	0.60	2.00			
6	RRR of Didsari Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	1.80	0.56	1.80			(-do-)
		Const. of New Field Gul							3.20	0.96	3.20			
7	RRR of Jamak Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	1.50	0.378	1.50			(-do-)
		Const. of New Field Gul							2.50	0.75	2.50			
8	RRR of Gawana Minor	RRR of Minor	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	1.20	0.30	1.20			(-do-)
		Const. of New Field Gul							3.00	0.90	3.00			
9	RRR of Naitala Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	3.50	1.00	3.50			(-do-)
		Const. of New Field Gul							2.50	0.75	2.50			
10	RRR of Uttarkashi Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	5.00	1.71	5.00			(-do-)
		Const. of New Field Gul							2.00	0.60	2.00			
11	RRR of Gajoli Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	1.50	0.337	1.50			(-do-)
		Const. of New Field Gul							2.00	0.60	2.00			

PHYSICAL AND FINANCIAL OUTLAY

S. No	Name of Scheme/Project	Name of Activity	Activity Proposed before 18-12-2012 or After	Category as per Gazette Notification			Current Status of Activity/ Progress (as on 01-01-2018)	Description		Physical Targets as (km) per Time scale			Remarks
				Prohibited	Regulated	Permitted		Physical target (km)	Estimated cost (Crore)	5 yr	10 yr	15 yr	
12	RRR of Kaflon Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	1.00	0.225	1.00			(-do-)
		Const. of New Field Gul						0.90	0.27	0.90			
13	RRR of Pala Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	2.00	0.45	2.00			(-do-)
		Const. of New Field Gul						1.00	0.30	1.00			
14	RRR of Seemakoti Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	2.80	0.504	2.80			(-do-)
		Const. of New Field Gul						0.80	0.24	0.80			
15	RRR of Ladari Minor	RRR of minor	Agricultural and domestic consumption of water for Bona-fide Occupier	After	Y		Proposed	1.90	0.342	1.90			(-do-)
		Const. of new field Gul						0.15	0.045	0.15			
16	RRR of Bonga Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	1.00	0.18	1.00			(-do-)
		Const. of new field gul						1.20	0.36	1.20			
17	RRR of Kishanpur Maanpur Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	4.20	0.76	4.20			(-do-)
		Const. of new field Gul						1.40	0.42	1.40			
18	RRR of Thalan/ Manga- pur Minor	RRR of minor	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	1.50	0.27	1.50			(-do-)
		Const. of new field gul						0.60	0.18	0.60			
19	Lift Scheme of Didsari Minor	New construction of Lift Scheme	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	1.0 No	0.90	1.0 No			(-do-)
20	Lift scheme of Jamak minor	New construction of Lift Scheme	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	1.0 No	0.90	1.0 No			(-do-)
21	Lift scheme of Uttarkashi minor	New construction of Lift Scheme	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	2.0 No	1.80	2.0 No			(-do-)
22	Lift scheme of Ladari minor	New construction of lift Scheme	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	1.0 No	0.90	1.0 No			(-do-)
23	Netala and Siror lift scheme	Ongoing construction of lift Scheme	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Under Construction	2.0 No	1.80	2.0 No			(-do-)
24	Construction of 82 Nos. of minors by M.I Department Uttarkashi	New construction of minors	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	31.00	2.47	31.00			(-do-)
25	Construction of 77 Nos pipeline by M.I Department Uttarkashi	New Construction of pipe Line	Agricultural and domestic consumption of water for bona-fide occupier	After	Y		Proposed	34.30	16.52	34.30			

PHYSICAL AND FINANCIAL OUTLAY

S. No	Name of Scheme/Project		Name of Activity	Activity Proposed before 18-12-2012 or After	Category as per Gazette Notification			Current Status of Activity/Progress (as on 01-01-2018)	Description		Physical Targets as (km) per Time scale			Remarks
					Prohibited	Regulated	Permitted		Physical target (km)	Estimated cost (Crore)	5 yr	10 yr	15 yr	
26	Construction of 89 Nos Hauz/water tank by M.I Department Uttarkashi	New construction of Hauz/water tank	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	89 Nos	5.80	89 Nos			(-do-)
27	Construction of 596 Nos. non-DPAP Drip under PMKSY	New construction of non-DPAP Drip tank	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	596 Nos	1.01	596 Nos			(-do-)
28	Construction of 21 Nos. non DPAP sprinkler under PMKSY	New construction of non DPAP sprinkler tank	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	21 Nos	0.06	21 Nos			(-do-)
29	RRR of Gorsali Minor	Const. of new field gul	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	1.50	0.37		0.75	0.75	Proposed works after 03/2021
30	Field Gul for Bonga Minor	Const. of new field gul	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	2.00	0.50		1.00	1.00	Proposed works after 03/2021
31	Field gul for Thalan/ Mangalpur Minor	Const. of New Field Gul	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	2.50	0.625		1.50	1.00	Proposed works after 03/2021
32	Kallon lift scheme	Construction of new lift scheme	Agricultural and domestic consumption of water for bona-fide occupier	After		Y		Proposed	01 Nos.	0.90			01 Nos	Proposed works after 03/2021
33	Gawana lift scheme	Construction of new lift scheme	Agricultural and domestic consumption of water for bona-fide occupier			Y		Y	01 Nos.	0.90			01 Nos	Proposed works after 03/2021
Total Cost (In Crores)											52.52			

*RRR is Repair/Renovation/Restoration, *PMKSY is Pradhan Mantri Krishi SinchayeeYojna, *DPAP is Drought Prone Areas Programme

B. Disaster Preparedness related: Proposed Schemes

S. No	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification			Current Status/ Progress (as on 01-01-2018)	Description		Physical targets as per time scale			Remarks
			Prohibited	Regulated	Permitted		Physical target	Estimated Cost (Crores)	5 yrs	10 yrs	15 yrs	
1	Flood Protection work from Gangori to Uttron			Y		Proposed	2.55	7.27	2.55			
2	Construction of river front development under C.M announcement along Bhagirathi river from Kedarghat to Tambhakani in Uttarkashi township			Y		Proposed	0.57	2.80	0.57			
3	Flood protection work of Didsari			Y		Proposed	0.30	4.21	0.30			
4	Flood protection work of Sainj			Y		Proposed	0.35	4.37	0.35			
5	Flood protection work of Ongi			Y		Proposed	0.45	5.29	0.45			
6	Flood protection work of Saura			Y		Proposed	0.33	2.90	0.33			
7	Flood protection work in Lata			Y		Proposed	0.50	2.01	0.50			
8	Flood protection work and Drainage work in Malla			Y		Proposed	1.50	3.50	1.50			
9	Flood protection work at Dang Kansan Nala			Y		Proposed	1.16	1.37	1.16			
10	River channelization in Bhagirathi river and its tributary Assiganga and Indravati	River Channelization by mining of river borne RBM from river bed upto 2.0 m depth to centralize diverted river flow required for mitigation of disaster		Y		Proposed	0.4 MCM	9.00	0.133 MCM	0.133 MCM	0.133 MCM	
11	RRR of Existing Flood protection works	RRR of Old schemes		Y		Proposed	18.00 km	18.00		9.00	9.00	
Total Cost (in Crores)								60.72				

GHATS UNDER NMCG

There exist many religious ghats along or at the confluence of the river in this zone which need to be maintained, repaired or restored from time to time. These ghats have existed from ancient times and are of religious importance and used by the tourists/locals during festivals. Development of religious/Mythological ghats which are proposed under National Mission for Clean Ganga are listed below :

C. Linkage with other Department / Agency (Including " skill development agency ") / scheme :

Proposed Works For Development of Ghat in ESZ

S. No	Activity	Category as per Gazette (Prohibited/ Regulated/ Permitted)			Link Department/ Agency/ Scheme	Linkage Description	Estimated Cost (in Crores)	Physical targets as per time scale			Remarks
		Prohibited	Regulated	Permitted				5 yrs	10 yrs	15 yrs	
1	Gangotri bathing ghat on right bank of Bhagirathi River		Y		Scheme launched by MOWR, RD, GR & GOI under NMCG. SPMG is the nodal agency for the state	Bathing ghat 01 Nos	2.50	01 Nos			
2	Gangotri bathing ghat on left bank of Bhagirathi River		Y		Scheme launched by MOWR, RD, GR & GOI under NMCG. SPMG is the nodal agency for the state	Bathing Ghat 01 Nos	2.62	01 Nos			Conservation of natural heritage by construction of Bathingghats at historical places along the bank of river under Namami Gange Programme.
3	Gangotri bathing ghat at confluence of Assiganga & Bhagirathi River		Y		Scheme launched by MOWR, RD, GR & GOI under NMCG. SPMG is the nodal agency for the state	Bathing Ghat 01 Nos	3.62	01 Nos			
Total Cost in (Crores)							8.74				

*MOWR is Ministry of Water Resources, *RD is River Development, *GR is Ganga Rejuvenation, *NMCG is National Mission for Clean Ganga, *SPMG is State Program Management Group.

D. Skill Development being done within the Department/Agency (if, any) :

No Skill Development Scheme is under consideration with the Department.

E. Relevant studies to be conducted :

S. No	Study Title	Under which Activity	Category as per Gazette (Prohibited / Regulated / Permitted)			Objectives of Study	Physical targets as per time scale		
			Prohibited	Regulated	Permitted		5 yrs	10 yrs	15 yrs
1	Flood plain zoning study by National Institute of Hydrology	Flood plain zoning			Y	Implementation of Uttarakhand Flood Plain Zoning Act-2012	Likely to be implemented by May 2019		

F. Outputs and Outcomes of the Plan for Eco-Sensitive Zone (For Your Department/Agency only): Irrigation Department, Uttarakhand

After construction/RRR of irrigation system: Canals, flood protection works, bathing and cremation ghats various outcomes may be achieved as given below:



PHYSICAL AND FINANCIAL OUTLAY

- 1) Enhanced farm productivity
- 2) More crop per drop
- 3) Rural prosperity
- 4) Tourism development
- 5) The development of ghats with objective of creating world class tourist attraction, will not only create employment for those who will work at the tourist attraction but will also increase the duration of the stay in these location during the off peak season. It will also help to achieve the target of Namami Ganga Programme.
- 6) After execution of Flood Protection Scheme, local people will feel safe from floods and it will be important to prevent migration of the people.
- 7) With the setting up of Ganga Jal Thrust industry, it will provide employment to local people as well as the government will earn/generate revenue from Royalty they get from sale of water.

Chapter-7
ENERGY



Physical and Financial Outlay

Name of department/Agency : Energy Department (UJVNL/IPP's)

S.No	Name of Scheme/Project and Agency	Name of Activity	Activity Proposed before 18.12.2012 OR After	Category as per Gazette Notification			Current Status of Activity/Progress (as on 01.04.2016)	Description		Physical targets as per time scale			Remarks
				Prohibited	Regulated	Permitted		Physical target	Estimated cost	5 yr	10 yr	15 yr	
1	Suawari Gad (2 MW) UJVNL limited	Hydro Power Generation	DPR Completed. All agreements (Civil & E&M) completed. 13 % works were completed			√	Under Construction. Project Works up to 13% were completed before Aug-12/Jun-13 Disaster.	To be completed in 3 Years after clearance from MoEF & CC	1609.00 Lacs	Construct and commissioning	Operation & Maintenance	Operation & Maintenance	

The details of land requirement and salient features of the project is enclosed as **Annexure 55 & 56**.

Name of Department/Agency- Uttarakhand Power Corporation Ltd (UPCL)

A. Development Related

S. No	Name of Scheme/ Projects	Name of Activity	Activity proposed before 18-12-2012 or after	category as per Gazette Notification			Current Status of Activity/ Progress (as on 01-04-2016)	Description		Physical targets as per time scale			Remarks
				Prohibited	Regulated	Permitted		Physical target	Estimated cost (In Lacs)	5 yr	10 yr	15 yr	
1	2	3		4	5	6		7	8	9	10	11	12
1	33/11 KV substation Jhala Harsil	Electricity Distribution	Before		Regulated		Land has been selected	To be completed in 5 years after clearance from MoEF & CC	732.00	Construction & commissioning			Targets subject to approvals by Hon'ble NGT in BESZ ZMO submitted, and thereafter Forest clearance

Physical & Financial Outlay

Name of Department/Agency- Uttarakhand Renewable Energy Development Agency (UREDA)

A. Development Related

S.N	Name of Scheme/ Project	Name of Activity	Activity Proposed before 18-12-2012 or after	Category as per Gazette Notification			Current Status of Activity/Progress (as on 01-04- 2016)	Description		Physical target as per time scale			Remarks
				Prohibited	Regulated	Permitted		Physical target	Estimated cost (in Lac)	5Yr	10Yr	15Yr	
1	Kedarganga (Gangotri) (0.1 MW)	Electricity Generation (S.H.P)	Before	-	&	Permitted	Working	1	30.00	-	-	-	Renovation required
2	Rudragara (Gangotri) (0.1 MW)	-do-	Before	&	&	Permitted	Working	1	50.00	-	-	-	Renovation required
3	Harshil (0.1 MW)	-do-	Before	-	-	Permitted	Working	1	400.00	-	-	-	Up Gradation proposed
4	Bhairo Gad (0.1 MW)	-do-	After	&	&	Permitted	At survey stage	1	200.00	-	-	-	As per Govt. policy, SHPs up to 2 MW. Capacity are reserve for PRI
5	Basunga gad(0.1 MW)	-do-	After	&	&	Permitted	At survey stage	1	300.00	-	-	-	
6	Sora gad (0.1 MW)	-do-	After	&	&	Permitted	At survey stage	1	300.00	-	-	-	
7	Bangori gad (0.1 MW)	-do-	After	&	&	Permitted	At survey stage	1	200.00	-	-	-	
8	Indrawati gad (0.1 MW)	-do-	After	&	&	Permitted	At survey stage	1	200.00	-	-	-	
9	Suari gad(0.2 MW)	-do-	After	&	&	Permitted	At survey stage	1	400.00	-	-	-	
10	Varuni gad (0.15 MW)	-do-	After	&	&	Permitted	At survey stage	1	300.00	-	-	-	
11	Hulgou gad (0.2 MW)	-do-	After	&	&	Permitted	At survey stage	1	400.00	-	-	-	
12	Jalandari gad (0.5 MW)	-do-	After	&	&	Permitted	At survey stage	1	1000.00	-	-	-	
13	Khair gad (0.1 MW)	-do-	After	&	&	Permitted	At survey stage	1	200.00	-	-	-	Construction & commissioning.

B. Livelihood, NRM & Disaster Preparedness related :

S.N	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification			Current Status of Activity/Progress (as on 01-04-2016)	Description		Physical target as per time scale (Nos.)			Remarks
			Prohibited	Regulated	Permitted		Physical target (Nos.)	Estimated cost (In Lac)	5Yr	10Yr	15Yr	
1	Livelihood through Up gradation & modernization of watermills	S.H.P	-	-	Permitted	12 Nos (Functional)	12	42.00	4	4	4	Unit cost Rs. 3.50 lac and target will be linked with local demand and Govt. policies.
2	Installation of Solar street lights (for NRM)	Community lighting	-	-	Permitted	77 Nos. (Functional)	100	21.5	100	-	-	Target and unit cost will be linked with local demand and Govt. policies.
3	Installation of grid interactive roof top solar power plants (for NRM)	Livelihood	-	-	Permitted	1	500	1500.00	500	-	-	Target and unit cost will be linked with local demand and Govt. policies.
4	Installation of mobile Solar cold storage	Livelihood	-	-	Permitted	0	3	60.00	3	-	-	Unit cost Rs. 20.00 lac .
5	Installation of solar dryers	Livelihood	-	-	Permitted	0	50	25.00	50	-	-	Unit cost Rs. 0.50 lac and target will be linked with local demand
6	Installation of Family size bio gas plant (2-3 cub mts)	Livelihood	-	-	Permitted	0	250	68.75	250	-	-	Unit cost Rs.0.25-0.30 lac and target will be linked with local demand .

C. Linkage with other Department/ Agency (Including “Skill Development Agency”)/ Scheme:

S. No.	Activity	Category as per Gazette Notification			Line Department/ Agency Scheme	Linkage Description	Physical target as per time scale			Remarks
		Prohibited	Regulated	Permitted			5Yr	10Yr	15Yr	
1	2	3	4	5	6	7	8	9	10	11
-	-	-	-	-	-	-	-	-	-	-

D. Skill Development being done within the Department/Agency (if, any) :

1. Training of Panchayat representatives regarding development of SHP & up gradation of water mills.
 2. Training of Panchayat representatives on Energy Conservation.
 3. Training of ITI/Diploma pass persons for “Suryamitra”
- UREDA is providing training to Panchayat representatives, ITI/Diploma pass personals for installation of water mills, MHP's , and Solar Power Plant under National Solar Skill Programme. UREDA is also providing training to school teachers, Govt. personals and entrepreneurs for energy conservation. The expenditure on these training is being provided by Ministry of New and Renewable Energy (MNRE), BEE & NISE Govt. of India. No investment is being proposed under these activities.

Chapter-8

PUBLIC HEALTH & SANITATION

Future Strategy/Plan in Bhagirathi Eco-Sensitive Zone of Public Health & Sanitation

Name of Department/Agency : Public Health & Sanitation

1. HEALTH AND FAMILY WELFARE

Future Biomedical Waste Treatment and Disposal in Different Health Facilities

Name of Health Facility	Future Treatment & Disposal	Funds Required (In Crores)
District Hospital (DH) (100 beds)	Needed to be upgraded to a 200 bed hospital. As and when the first concrete pits will be filled other concrete pits will be constructed. Incinerator plant may be deployed in future for biomedical waste disposal.	Rs 10.00 for DH up gradation.
District Female Hospital (DFH) (50 beds)		Rs 5.00 for DFH up gradation.
Primary Health Centre (PHC)	As and when the first concrete pits will be filled other concrete pits will be constructed. Incinerator plant may be deployed in future for biomedical waste disposal.	Rs 0.20 for PHC.
State Allopathic Dispensary (SAD)	In case any SAD will be upgraded to PHC/CHC then deep burial and concrete pits will be constructed for biomedical waste disposal.	Rs 0.05 for SAD.
Sub-Centre (SC)	If deliveries has to be conducted at sub-centre level then deep burial and concrete pits will be constructed for biomedical waste disposal.	Rs. 0.05 for SC.
Total		Rs 15.30 Crore

Construction Works

S. No.	Health Facility	New Construction/Upgradation	Funds Required (In Lakhs)
1	PHC Naitala - Newly established GO No. 1270(1)/XXVIII-5-2015-188/2014 Dated 23 June, 2015	New construction in future. For construction of hospital buildings and staff quarters.	Rs 3.00
2	SC Pala- Newly established GONo.825/XXVIII-4/2015-47/2015 Dated 19 June, 2015	New construction in future. For construction of Sub-centre buildings.	Rs 0.50
3	SC Pilang- Newly established GONo.825/XXVIII-4/2015-47/2015 Dated 19 June, 2015	New construction in future. For construction of Sub-centre buildings.	Rs 0.50
4	SC Salang - Newly established GONo.825/XXVIII-4/2015-47/2015 Dated 19 June, 2015	New construction in future. For construction of Sub-centre buildings.	Rs 0.50
5	PHC Bhatwari old	Upgradation in future	Rs 3.00
6	SAD Harsil old	Upgradation in future	Rs 2.00
Total			Rs 9.50
Grand Total			Rs. 24.80

For biomedical waste disposal/management some new sharp disposal pits may be constructed in future at new/upgraded SC, SAD, PHC, CHC and District hospital/District Female hospital. These facilities lie under Eco-Sensitive zone and incinerator plant may be deployed in future for biomedical waste disposal.

2. SWAJAL

A. Proposed SLWM Works Under Namami Gange Programme and SBM (G) (First Phase- 2017-18)

S. No	GP /Village	Works	Cost (in Crore)	Work Category notify in Gazette			Remarks
				Regulated	Permitted	Non- Permitted	
1	Bagori	SLWM	0.12	Regulated	-	-	Contaminated water will be discharged on into ground/rivulet after proper treatment. Treatment provision as per Act. Reuse of treated water will be ensured. Solid waste management 1. Household dustbin 2. Community dustbin 3. Vermi compost pit 4. Solid-waste segregation shelter. 5. Liquid waste management. Liquid waste management 1. Drains (community & household level) 2. Sock pit (community & household level)
2	Bhatwari	SLWM	0.12	Regulated	-	-	
3	Bhelatipri	SLWM	0.07	Regulated	-	-	
4	Dharali	SLWM	0.12	Regulated	-	-	
5	Didsari	SLWM	0.07	Regulated	-	-	
6	Harshil	SLWM	0.07	Regulated	-	-	
7	Jhala	SLWM	0.12	Regulated	-	-	
8	Joshiyara	SLWM	0.15	Regulated	-	-	
9	Kansain	SLWM	0.15	Regulated	-	-	
10	Ladari	SLWM	0.20	Regulated	-	-	
11	Malla	SLWM	0.12	Regulated	-	-	
12	Madow	SLWM	0.07	Regulated	-	-	
13	Siror	SLWM	0.12	Regulated	-	-	
14	Tiloth	SLWM	0.15	Regulated	-	-	
15	Lata	SLWM	0.12	Regulated	-	-	
16	Gawana	SLWM	0.12	Regulated	-	-	
17	Maneri	SLWM	0.12	Regulated	-	-	
18	Aunjee	SLWM	0.07	Regulated	-	-	
Total			2.08 crores				

B. Proposed SLWM Works Under SBM (G) Programme (Second Phase 2018-19)

Sl. No	GP/Village	Works	Cost (in Crore)	Work Category notify in Gazette			Remarks
				Regulated	Permitted	Non- Permitted	
1	Agora	SLWM	0.07	Regulated	-	-	Contaminated water will be discharged Into on ground/ rivulet after proper treatment Provision as per Act Reuse of treated will be ensured Solid waste management 1. Household dustbin 2. Community dustbin 3. Vermi compost pit 4. Solid waste segregation shelter 5. Liquid waste management Liquid waste management 1. Drains (community & household level) 2. Soak pit (community & household level)
2	Barsu	SLWM	0.07	Regulated	-	-	
3	Bhangeli	SLWM	0.07	Regulated	-	-	
4	Bhukki	SLWM	0.07	Regulated	-	-	
5	Hina	SLWM	0.07	Regulated	-	-	


 PHYSICAL AND FINANCIAL OUTLAY

Sl. No	GP/Village	Works	Cost (in Laks)	Work Category notify in Gazette			Remarks
				Regulated	Permitted	Non- Permitted	
6	Hurri	SLWM	0.07	Regulated	-	-	
7	Jamak	SLWM	0.07	Regulated	-	-	
8	Gorsali	SLWM	0.12	Regulated	-	-	
9	Mukhwa	SLWM	0.07	Regulated	-	-	
10	Naitala	SLWM	0.12	Regulated	-	-	
11	Saura	SLWM	0.07	Regulated	-	-	
12	Shainj	SLWM	0.07	Regulated	-	-	
13	Uttaraun	SLWM	0.12	Regulated	-	-	
14	Aleth	SLWM	0.07	Regulated	-	-	
15	Bagiyalgaon	SLWM	0.07	Regulated	-	-	
16	Bayana	SLWM	0.07	Regulated	-	-	
17	Bhankoli	SLWM	0.07	Regulated	-	-	
18	Bonga	SLWM	0.07	Regulated	-	-	
19	Dhanpur	SLWM	0.07	Regulated	-	-	
20	Dwari	SLWM	0.07	Regulated	-	-	
21	Gajoli	SLWM	0.07	Regulated	-	-	
22	Gyanjna	SLWM	0.07	Regulated	-	-	
23	Jakhol	SLWM	0.07	Regulated	-	-	
24	Jaspur (purali)	SLWM	0.07	Regulated	-	-	
25	Kamar	SLWM	0.07	Regulated	-	-	
26	Kankrari	SLWM	0.07	Regulated	-	-	
27	Kishanpur	SLWM	0.12	Regulated	-	-	
28	Kotiyalgaon	SLWM	0.12	Regulated	-	-	
29	Kunjan	SLWM	0.07	Regulated	-	-	
30	Kuroli	SLWM	0.12	Regulated	-	-	
31	Kyark	SLWM	0.07	Regulated	-	-	
32	Kanpur	SLWM	0.12	Regulated	-	-	
33	Mastari	SLWM	0.07	Regulated	-	-	
34	Nald	SLWM	0.12	Regulated	-	-	
35	Naugaon	SLWM	0.07	Regulated	-	-	
36	Nismor	SLWM	0.12	Regulated	-	-	
37	Pata	SLWM	0.07	Regulated	-	-	
38	Pilang	SLWM	0.07	Regulated	-	-	
39	Purali	SLWM	0.07	Regulated	-	-	
40	Salang	SLWM	0.07	Regulated	-	-	
41	Salu	SLWM	0.07	Regulated	-	-	
42	Sangrali	SLWM	0.07	Regulated	-	-	
43	Sari	SLWM	0.07	Regulated	-	-	
44	Seku	SLWM	0.07	Regulated	-	-	
45	Silla	SLWM	0.07	Regulated	-	-	
46	Sukkhi	SLWM	0.07	Regulated	-	-	
47	Syava	SLWM	0.07	Regulated	-	-	
48	Thalan	SLWM	0.07	Regulated	-	-	
49	Tihar	SLWM	0.07	Regulated	-	-	
50	Dasda	SLWM	0.07	Regulated	-	-	
Total			3.95 Crores				
Grand Total (A + B)			6.03 Crores				

3. UTTARAKHAND PEYJAL NIGAM

A. Drinking Water Supply

The 15 years plan for drinking water supply related works has been mentioned below:

Sl. No	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification			Current status of activity/ progress (as on 1/04/2016)	Description		Financial target as per time scale			Remarks
			Prohibited	Regulated	Permitted		Physical target	Estimated cost (In Cores Rs.)	5 yrs	10 yrs	15 yrs	
1	Kishanpur (Mustiksaur) Reorganization W/S Scheme	1. Tubewell 2. Pipeline 3. Storage Work	-	-	yes	Yet to start	Pipeline 19172 mtrs	6.30	6.30			
2	Tiloth Reorganization W/S Scheme 1	1. Tube well 2. Pipeline. 3. Storage Work	-	-	yes	Yet to start	Pipeline 7890 mtrs	2.78	2.78			
3	Bagori Reorganization W/s Scheme	1. Source Work 2. Pipeline. 3. Storage Work	-	-	yes	Yet to start	Pipeline 6270 mtrs	0.40	0.40			
4	12 villages will be covered in 10 years and includes maintenance of these scheme	1. Source Work 2. Pipeline. 3. Storage Work	-	-	yes	Yet to start	12000 mtrs	2.50	2.50			-
5.	Maneri Water Supply Schemes	1. Source Work 2. Pipeline. 3. Storage Work	-	-	yes	Yet to start	6290 mtrs	0.40	0.40			
Total								12.38 crores	12.38 crores			

B. Sewerage Treatment

The 15 years plan for sewerage system works has been mentioned below:

S. No.	Name of Scheme/ Project	Name of Activity	Category as per Gazette Notification			Current status of activity/ progress (as on 1/04/2016)	Description		Financial target as per time scale			Remarks
			Prohibited	Regulated	Permitted		Physical target	Estimated cost (In Crores Rs.)	5 yr	10 yr	15 yr.	
1	Sewer line & Appurtenant Works in Collectorate, Uttarkashi	Sewer line laying	-	yes	-	Sanction awaited	370 mtrs	0.67	0.67	-	-	-
2	Sewage Pumping Station & Appurtenant Works in Gharat Mohalla	Sewer line laying & 1 no. pumping station	-	yes	-	Sanction awaited	310 mtrs	2.01	2.01	-	-	-
3	Sewer Line & Appurtenant Works in Gyansu Ward No. 3	Sewer line laying & 1 no. pumping station	-	yes	-	Sanction awaited	510 mtrs	2.29	2.29	-	-	-
4	Projection for Future requirement for future population Sewer network and STP, Including maintenance of these schemes	Construction of 6 MLD. Capacity STP approx. and laying of sewer network	-	yes	-	-	40000 mtrs	100.00	100.00	-	-	-
Total								104.97 crores	104.97 crores			

Chapter-9
TOURISM

Physical & Financial Outlay

Name of Department/Agency : Tourism Department, Uttarakhand

A. Infrastructure Development

S. No	Name of Scheme/Project	Name of Activity	Activity Proposed before 18-12-2012, OR After	Category as per Gazette Notification		Current Status of Activity/Progress (as on 01-04-2016)	Description		Physical targets as per time scale			Remarks
				Regulated	Prohibited		Physical targets	Estimated cost (Rs. in crores)	5 Yr	10 Yr	15 Yr	
1. Promotion of Rural Tourism												
1	Conservation and Development of Rural Tourism sites in Chamoli, Rudraprayag and Uttarakashi districts	Renovation: Helipad Panchayat Bhawan entrance gate, rain shelter in temple premises, parking, construction pathway, railing, retaining wall installation of solar light, signage in Harsil and Mukwa villages	FY –2014- 15	Yes		Bidding under progress	As per col. 3	5.18	Completion by 2020			Aided by ADB
2. Increasing Amenities for Gangotri Pilgrimage												
2	Integrated Development of TRH, Sulabh Toilets, Tourist Facility Centre, in Gangotri, Dharali	Restoration of TRH Gangotri, Public Yatri Niwas Gangotri, Tourist Facility Centre at Sangam Chatti and TRH - Harsil	FY –2013- 14	Yes		Work under progress	As per col. 3	3.25	Remaining works proposed to be completed by 2020 subject to sanction of funds.			20% works Could be completed. The project was approved Gol. under PIDDC, which has been discontinued in 2015 by Gol.
3	Raithal	Restoration of TRH - Barsu, Raithal, dorm, fencing, river protection wall)	FY –2013- 14	Yes		Work under progress	As per col. 3	0.80	Remaining works proposed to be completed by 2020 subject to sanction of funds.			87% works could be completed. The project was approved under PIDDC, which has now been discontinued by Gol
4	Development of ecotourism Mega Circuit under Nimal gangotri Project	Construction – Eco hut, development of eco tourism, –at Lanka construction – development of eco tourism, infrastructure at Bhaironghati	FY –2013- 14	Yes		Work under progress	As per col. 3	5.82	Remaining works proposed to be completed by 2020 subject to sanction of funds.			60% works could be completed. These projects were approved under PIDDC, which has now been discontinued by Gol
5	Strengthening of pathway from Ganga Mandir to Mukhwa	Provision of approach road	FY –2015- 16	Yes		Work under progress	As per col. 3	0.31	Remaining works proposed to be completed by 2020 subject to sanction of funds.			35% works could be completed. These projects were approved under PIDDC, which has now been discontinued by Gol

PHYSICAL AND FINANCIAL OUTLAY

S. No	Name of Scheme/ Project	Name of Activity	Activity Proposed before 18-12-2012, OR After	Category as per Gazette Notification			Current Status of Activity/ Progress (as on 01-04-2016)	Description		Physical targets as per time scale			Remarks	
				Prohibited	Regulated	Permitted		Physical targets	Estimated cost (Rs. in crores)	5 Yr	10 Yr	15 Yr		
6	Nirmal Gangotri Mega Circuit	Development of main entrance gate and surrounding area at Gangotri Temple	FY –2012- 13	Yes			Work under progress	100%	2.01	2016			-	
7	Strengthening of pathway from Tharali Jhula Pul To Mukhwa	Strengthening of approach road	FY –2015- 16	Yes			Work under progress	As per col. 3	0.19	Remaining works proposed to be completed by 2020 subject to sanction of funds.			45% works could be completed. These projects were approved under PIIDDC, which has now been discontinued by Gol	
3. Promotion of Adventure Tourism														
8	Development of water sports and eco – tourism in Maneri	Fencing, Development of premises, construction of compound wall, Benches, way side amenities, View Points, Signage, Multipurpose hall and Kiosk, Development of base						As per col. 3	4.74	Remaining works proposed to be completed by 2020 subject to sanction of funds.			71% works could be completed. The project was approved under PIIDDC, which has now been discontinued by Gol.	
4. Promotion of Cultural Tourism														
9.	Tourist Facilities at Vishwanath temple in Uttarkashi	Provision of Tourist Facilities at Vishwanath temple in Uttarkashi						As per col. 3	0.16	Remaining works proposed to be completed by 2020 subject to sanction of funds.			20% works could be completed. These projects were approved under PIIDDC, which has now been discontinued by Gol	
5. Development Of New Alternative Tourism Destinations														
10.	Development of Tourism Infrastructure facilities at Dodital, Nelong Valley and Dayara Bugyal	Feasibility studies, planning for tourism development and identification of activities, infrastructure base development for tourism promotion in new destinations						As per col. 3	10.00				Planning phase	
									32.46					Total Cost

B. Livelihood, NRM & Disaster Preparedness related :

S. No.	Name of Scheme/project	Name of Activity	Category as per Gazette Notification			Current Status / Progress (as on 01-04- 2016)	Description		Physical targets as per time scale			Remarks
			Prohibited	Regulated	Permitted		Physical targets	Estimated cost (Rs. In lacs)	5 Yrs	10 Yrs	15 Yrs	
1	Rural Tourism Development Scheme	Livelihood		Yes		Villages 1. Harshil 2. Mukhwa Selected	15 villages	10.50	5	10	15	Every Year one Tourism Village will be taken up. On an average 20 people will be beneted per village.
2	Home Stay Scheme	Livelihood		Yes		Applications have been invited	50 persons	-	10	25	50	As per estimation
3	Disaster Preparedness				Yes	Yet to be initiated	Preparation of Disaster Management Plan.					Keeping in view the District Disaster Management Plan.

C. Linkage with other Department/ Agency (Including "Skill Development Agency")/Scheme: NA

S. No	Activity	Category as per Gazette. (Prohibited/ Regulated/Permitted)			Linkage Department/ Agency/Scheme	Linkage Description	Physical targets as per time scale			Remarks
		Prohibited	Regulated	Permitted			5 Yr	10 Yr	15 Yr	
1	Development of Trekking routes Tourist trekking routes tourist spots in forest areas.	-	Yes		Forest	Trek route identification and development	5	10	15	Every Year one trek route to be developed
2	Water body (lakes, ghats etc.)		Yes		Irrigation/Forest	Water bodies to be identified and developed for tourism	1	2	3	Every five year one water body to be developed
3	Tourist roads, parking etc.		Yes		PWD	As per requirement	-	-	-	As per Requirement
4	Guides/porter /cooks		Yes		Skill Development/ Forest	As per requirement	-	-	-	As per Requirement
5	Disaster Management Plan			Yes	State DMA/ District DMA	Preparation of the plan	2	-	-	-

Total Outlay under Tourism (cr) ; 42.96 crores

D. Skill Development being done within the Department/Agency (if, any) :

1. A scheme for "Capacity Building for Service Providers" e.g. Guide/Cook/Porter etc.
2. "Hunar Se Rojgar Tak" capacity building program for Hotel line people like - front office, housekeeping, food and beverage and food production.

Chapter-10

**ROAD
INFRASTRUCTURE &
COMMUNICATION
DEVELOPMENT**



Physical & Financial Outlay

Name of Department/Agency : PWD / BRO

(1) Provincial Division, P.W.D. Bhatwari

S. No	Name of Scheme/ Project	Name of Activity	Activity proposed before 18.12.2012 or after	Category as per Gazette Notification			Current Status of activity/ progress (as on 01.01.2018)	Description		Physical targets as per time scale			Remarks
				Prohibited	Regulated	Permitted		Physical target	Estimated cost (in Crores)	5 yr.	10 yr.	15 yr.	
1	Construction of link road from Heena to village Heena under Hon able CM's declaration no. 526/2015.	Hill side cutting and construction of Retaining walls & breast wall, drain/cross drainage (scupper and culvert and causeway) etc.	Apr-15	-	Regulated	-	-	3.00 km	1.49	5 yr.	-	-	Forest land transfer case has been uploaded to the forest clearance portal vide ID no- FP/UK/ROAD/9896/2015 . After clearance the forest land the construction will be started.
2	Construction of Malia Suparga motor road.	Surveying Geological investigation, preparing DPR, forest/private land transfer case Utility shifting.	Aug-16	-	Regulated	-	-	5.00 km	2.5	5 yr.	-	-	Work has been sanctioned for 1st stage for Surveying Geological investigation preparing DPR forest/private land transfer case. Utility shifting will be don after getting sanctioned for lInd stage then the work will be started at site.
3	Construction of approach motor road from Mathali Tok in village Raitthal to Choriya in Bhatwari Block of district Uttarkashi	Surveying Geological investigation, preparing DPR, forest/private land transfer case Utility shifting	Aug-16	-	Regulated	-	-	2.50 km	1.5	5 yr.	-	-	-do-
4	Construction of Jaspur Silyan Nirakot M/R from Bhaldiyana Lambgaun Uttarkashi M/R	-do-	Aug-16	-	Regulated	-	-	8.00 km	1.00	5 yr.	-	-	-do-
5	Extention of Mukhwa Jangla M/R from Harshil 1st stage.	-do-	Jan-13	-	Regulated	-	-	6.25 km	4.88	5 yr.	-	-	-do-

PHYSICAL AND FINANCIAL OUTLAY

S. No	Name of Scheme/ Project	Name of Activity	Activity proposed before 18.12.2012 or after	Category as per Gazette Notification			Current Status of activity/ progress (as on 01.01.2018)	Description		Physical targets as per time scale			Remarks
				Prohibited	Regulated	Permitted		Physical target	Estimated cost (In Crores)	5 yr.	10 yr.	15 yr.	
6	Construction of Kishan pur M/R via Kankradi from Muslik Saur Kuroli M/R.	-do-	Dec-10	-	Regulated	-		1.50 km	0.93	5 yr.			-do-
7	Construction of Bhatwari to Kyark bridge road .	-do-	Apr-15	-	Regulated	-		3.50 km	0.11	5 yr.			-do-
8	Construction of bridge over Siya gad between village Harshil and Jhala	Construction of bridge	2004	-	Regulated	-		105M	10.05	5 yr.			Work sanctioned for 1st stage. Revised DPR has been submitted to Government
(2) PMGSY													
1	Gyansu-Said-Upricot motor road km.-14 to Nismor motor road	Hill side cutting and Construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway Minor bridge) surfacing work etc.	-	-	Regulated	-		3.00 km	1.8	5yr.	-	1	Work sanctioned for 1st stage. Revised DPR is being sanctioned by Government
2	Mahidanda motor road to Bagiyal gaon motor road	Hill side cutting and Construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway Minor bridge) surfacing work etc.	-	-	Regulated	-		4.325 km	2.4	5yr.	-	2	Work sanctioned for 1st stage. Revised DPR is being sanctioned by Government
3	Malla-Sari motor road to Silla motor road	Hill side cutting and Construction of Retaining walls & breast wall drain/ cross drainage (scupper and culvert and causeway Minor bridge) surfacing work etc.	-	-	Regulated	-		9.6000 km	6.24	5yr.	-	-	Work sanctioned for 1st stage. Revised DPR is being sanctioned by Government

S. No	Name of Scheme/ Project	Name of Activity	Activity proposed before 18.12.2012 or after	Category as per Gazette Notification			Current Status of activity/ progress (as on 01.01.2018)	Description			Physical targets as per time scale			Remarks
				Prohibited	Regulated	Permitted		Physical target	Estimated cost (in Crores)	5 yr.	10 yr.	15 yr.		
4	Jamak-Bayana motor road to Syaba motor road	Hill side cutting and Construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway and Minor bridge) surfacing work etc.	-	Regulated	-	-	6,000 km	3.9	5yr.	-	-	-	Work sanctioned for 1st stage. Revised DPR is being sanctioned by Government	
5	Jamak to Kamar motor road	Hill side cutting and Construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway and Minor bridge) surfacing work etc.	-	Regulated	-	-	9,950 km	6.50	5yr.	-	-	-	Work sanctioned for 1st stage. Revised DPR is being sanctioned by Government	
6	Thirang to Salang motor road	Hill side cutting and Construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway and Minor bridge) surfacing work etc.	-	Regulated	-	-	4,750 km	3.1	5yr.	-	-	-	Work sanctioned for 1st stage. Revised DPR is being sanctioned by Government	
7	Bhankoli to Agora motor road	Hill side cutting and Construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway and Minor bridge) surfacing work etc.	-	Regulated	-	-	2,725 km	1.79	5yr.	-	-	-	Work sanctioned for 1st stage. Revised DPR is being sanctioned by Government	
8	Gyansu-Gyanza motor road (Stage-2)	Construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway and Minor bridge) surfacing work etc.	-	Regulated	-	-	4,600 km	3.02	5yr.	-	-	-	Work sanctioned for 2nd stage. Revised DPR is being sanctioned by Government	

PHYSICAL AND FINANCIAL OUTLAY

S. No	Name of Scheme/ Project	Name of Activity	Activity proposed before 18.12.2012 or after	Category as per Gazette Notification			Current Status of activity/ progress (as on 01.01.2018)	Description		Physical targets as per time scale			Remarks
				Prohibited	Regulated	Permitted		Physical target	Estimated cost (In Crores)	5 yr.	10 yr.	15 yr.	
9	Silla motor road to Piang motor road	Hill side cutting and Construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway Minor bridge) surfacing work etc.	-	Regulated	-	-	8.500 km	5.86	5yr.	-	-	-	DPR is submitted for stage 1st work.
10	Gangnani to Bhangeli motor road (Stage-1)	Hill side cutting and Construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway Minor bridge) surfacing work etc.	-	Regulated	-	-	2.300 km	1.54	5yr.	-	-	-	DPR is submitted for satge 1st work.
Bridge													
1	Jamak to Bayana motor road at X-Sec-2/22-23	-	-	Regulated	-	-	36.00 m	1.45	5yr.	-	-	-	-
2	Jamak-Bayana motor road to Syaba motor road at X-Sec-2/13-14	-	-	Regulated	-	-	24.00 m	1.07	5yr.	-	-	-	-
3	Gajoli to Naugaoan- Bhankoli motor road at X- Sec- 3/18-19	-	-	Regulated	-	-	36.00 m	1.65	5yr.	-	-	-	-
4	Thirang to Salang motor road at X-Sec-0/14-16	-	-	Regulated	-	-	90.00 m	4.5	5yr.	-	-	-	-
5	Malla Sari Silla to Piang motor road at X-Sec-1/4-1/6	-	-	Regulated	-	-	60.00 m	3.0	5yr.	-	-	-	-
(3) P.W.D. (W.B) Uttarkashi													
1	Haashil Bridge	21/09/2017	-	Regulated	-	-	-	-	-	-	-	-	Forest Proposal file is being prepared

S. No	Name of Scheme/ Project	Name of Activity	Activity proposed before 18.12.2012 or after	Category as per Gazette Notification			Current Status of activity/ progress (as on 01.01.2018)	Description		Physical targets as per time scale			Remarks
				Prohibited	Regulated	Permitted		Physical target	Estimated cost (In Crores)	5 yr.	10 yr.	15 yr.	
2	Pi'ang Jodaw 01 36 m Span	9/21/2017	-	Regulated	Regulated	Permitted	-	-	1.56	-	-	-	Civil Soyam Land transferred
3	Pi'ang Jodaw 02 120 m Span	9/21/2017	-	Regulated	Regulated	Permitted	-	-	10.83	-	-	-	forest proposal has been uploaded online to nodal office.
4	Korigaad Bridge	9/21/2017	-	Regulated	Regulated	Permitted	-	-	5.36	-	-	-	forest proposal has been uploaded online to nodal office.
(4) B.R.O.													
1	Bhroghati-Nelong	Hill side cutting and construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway) etc..	-	Regulated	-	-	-	23.60 km	83.4	5yr.	-	-	-
2	Naga-Nilapani	Hill side cutting and construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway) ect.	-	Regulated	-	-	-	9.80 km	63.99	5yr.	-	-	-
3	Nelong-Naga	Hill side cutting and construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway) ect.	-	Regulated	-	-	-	8.10 km	36.27	5yr.	-	-	-
4	Naga-Sonam	Hill side cutting and construction of Retaining walls & breast wall , drain/ cross drainage(scupper and culvert and causeway) etc	-	Regulated	-	-	-	11.20 km	47.44	5yr.	-	-	-
5	Naga-Jadhang	Hill side cutting and construction of Retaining walls & breast wall , drain/ cross drainage (scupper and culvert and causeway) etc.	-	Regulated	-	-	-	5.33 km	32.88	5yr.	-	-	-

PHYSICAL AND FINANCIAL OUTLAY

S. No	Name of Scheme/ Project	Name of Activity	Activity proposed before 18.12.2012 or after	Category as per Gazette Notification			Current Status of activity/ progress (as on 01.01.2018)	Description		Physical targets as per time scale			Remarks	
				Prohibited	Regulated	Permitted		Physical target	Estimated cost (In Crores)	5 yr.	10 yr.	15 yr.		
6	Harsil-Kiarkoti-Lamkhtaga Pass-Gaender thatch-Nithal-Thatch	Hill side cutting and construction of Retaining walls & breast wall, drain/ cross drainage(scupper and culvert and causeway) etc.	-	Regulated	-	-	42.00 km	2.16	5yr.	-	-	-	-	
7	Mehdi-Tsangchockla	Hill side cutting and construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway) etc.	-	Regulated	-	-	10.00 km	545.34	5yr.	-	-	-	-	
8	Sumla-Thangla	Hill side cutting and construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway) etc.	-	Regulated	-	-	12.00 km	38.78	5yr.	-	-	-	-	
9	Double lane of NH-34 from uttarkashi to Gangotri	Hill side cutting and construction of Retaining walls & breast wall, drain/ cross drainage (scupper and culvert and causeway) etc.	-	Regulated	-	-	100.00 km	-	5yr.	-	-	-	-	
(5) P.W.D (ADB) Uttarkashi														
1	SH No 15 Uttarkashi Ghansali Tiwara Motor Road km.Ch. 0-000 to 50.775	Improvement and strengthening	Widening Strengthening and Improvement up to 5.50 Mt. width painted surface	-	Regulated	-	3.75 Mt. Painted Single Lane Road Exist	18.00 km	20.00	8.00 km	10.00 km	-	Onely Administrative Approval Vide Go No. 64/III(3)/2016 02/ADB/2015 Dt. 02.11.2016 Under USHIP and 18 km Length goes in Bhagirathi Eco-sensitive Zone	
								Total financial outlay under road infrastructure : 958.29 crores						

Chapter-12

SKILL DEVELOPMENT

Physical & Financial Outlay

Name of Department/Agency : SKILL DEVELOPMENT

A. Livelihood, NRM & Disaster Preparedness related

S. No.	Name of Scheme / Project	Name of Activity	Category as per Gazette Notification			Current Status / Progress (as on 01-04-2016)	Description		Physical targets as per time scale			Remarks
			Prohibited	Regulated	Permitted		Physical Targets	Estimated Target	5 Yrs	10 Yrs	15 Yrs	
1	Entrepreneurship and Placement Linked Skill Training Programme	Skill development training	-	-	Permitted	NA	-	-	1500	3000	5000	-

B. Linkage with other Department/Agency (Including “ Skill Development Agency”)/ Scheme :

S. No.	Activity	Category as per Gazette (Prohibited/Regulated/ Permitted)			Link Department / Agency / Scheme	Linkage Description	Physical targets as per time scale			Remarks
		Prohibited	Regulated	Permitted			5 Yrs	10 Yrs	15 Yrs	
1.	1. Entrepreneurship and Placement Linked Skill Training Programme 2. Pradhanmantri Kaushal VikasYojna 3. Departmental Skill Training Schemes	-	-	Permitted	1. Tourism Department 2. Energy Department 3. Irrigation 4. Horticulture 5. Agriculture 6. Rural Development 7. Environment and Pollution Control Board 8. Food and Civil Supply 9. DDMA 10. Technical Education 11. Training 12. Health 13. Sports 14. PWD 15. Organic Board 16. Khadi Board 17. Animal Husbandry 18. MSDE	The Uttarakhand Skill Development Mission will link its training schemes with the training programmes of the departments and can facilitate training by the help of 120 empanelled training providers and 21 Sector Skill Councils	1500	3000	5000	-

C. Skill Development being done with the Department/ Agency (if, any):

The Skill Development Mission is running Entrepreneurship and Placement linked skill training programme in the state with a target of 10000 youth in financial year 2016-17

D. Relevant Studies to be conducted:

S. No.	Study Title	Under which Activity	Category as per Gazette (Prohibited/ Regulated/ Permitted)			Objectives of Study	Physical targets as per time scale		
			-	-	-				
1.	Skill Gap Analysis	Skilling	-	-	-	To identify the skill gap and plan training accordingly.	1500	3000	5000
2.	Identification of local skills	Recognition of prior learning	-	-	-	To identify the local skills and design training based on local skills as per NSQF so that these skills can be protected and promoted	-	-	-

E. Outputs and Outcomes of the Plan for Eco-sensitive Zone (For your Department/Agency only):

Considerable improvement in livelihoods of local population will be achieved by way of enhancement in earning capacities through skills' development. The improvement in livelihoods will help in checking out migration from villages/ desertification of villages and may aid in reverse migration.

Acronyms

ANM	Auxiliary Nurse Midwife
ANC/PNC	Ante-Natal Check Up/ Post-Natal Check Up
ASHA	Accredited Social Health Activist
ATMA	Agriculture Technology Management Authority
ATB	All Terrain Biking
APCUL	Certificate for Paragliding Wings
ADB	Asian Development Bank
ANF	Assisted Natural Regeneration
BADP	Border Area Development Program
BCM	Billion Cubic Meter
BESZ	Bhagirathi Eco-Sensitive Zone
BMC	Biodiversity Management Committee
BHS	Biodiversity Hostage Sites
CCA	Culturable Command Area
CSS	Centrally Sponsored Schemes
CITES	Convention on International Trade in endangered species of flora and fauna
CWLW	Chief wild life warden
CAMPA	Compensatory Afforested Fund Management & Planning Authority
CWC	Central Water Commission
CCS	Credit Cum Subsidy
CSP	City Sanitation Plan
CT	Community Toilet
CBO	Community Based Organization
CP	Contractor Profit
DPAP	Drought Prone Areas Program
DH	District Hospital
DFH	District Female Hospital
DDAY	Deen Dayal Awas Yojna
DPR	Detailed Project Report
DAY	Deen Dayal Antyoday Yojna
DDMAP	District Disaster Management Action Plan
DEOC	District Emergency Operation Centre
DSPT	Digital Satellite Phone Terminals
DFO	Divisional Forest Officer
EPA	Environmental Protection Act
ESZ	Eco-Sensitive Zone
EinC	Engineer in Chief
FPO	Farmer Producer Organization
FMD-CP	Foot and Mouth Disease Control Program
FD	Forest Department
FCI	Food Corporation of India



PHYSICAL AND FINANCIAL OUTLAY

GR	Ganga Rejuvenation
GOU	Government of Uttarakhand
GNP	Gangotri National Park
GPS	Global Positioning System
GH	Guest House
GMVN	Garhwal Mandal Vikas Nigam
GLOF	Glacial Lake Outburst Flood
GSI	Geological Survey of India
HHs	House Holds
HM	Horticulture Mission
HMNEH	Horticulture Mission for North East Himalaya
HSRT	Hunar Se Rozgar Tak
HRVA	Hazard Risk Vulnerability Assessment
HPBends	Hair Pin Bends
IHHL's	Individual House Hold Latrins
IEC	Information Education and Communication
IMR	Infant Mortality Rate
IFAD	International Fund for Agriculture Development
ILSP	Integrated Livelihood Support Project
INM	Integrated Nutrition Management
IPM	Integrated Pest Management
IHHL	Individual House Hold Latrine
IEC	Information Education Communication
IGP	Income Generating Program
IMF	Indian Mountaineering Foundation
IRS	Incident Response System
IRC	Indian Road Congress
IS	Indian Standard
IWPA	Indian Wildlife Protection Act
ITBP	Indo Tibet Border Police
IWWP	Integrated Watershed Management
JICA	Japan International Co-operation Agency
KVK	Krishi Vigyan Kendra
LPCD	Liter Per Capita Par Day
LGFS	Light Gauge Steel Framing
LPG	Liquid Petroleum Gas
MCM	Million Cubic Meter
MOWR	Ministry of Water Resources
MI	Minor Irrigation
MTDP	Mid Term Development Plan
MMR	Maternal Mortality Rate
MOEF & CC	Ministry of Environment, Forest and Climate Change
MLALADS	Member of Legislative Local Area Development Scheme

MNREGS	Mahatma Gandhi National Rural Employment Guarantee Schemes
MPLADS	Member of Parliament Local Area Development Scheme
MSW	Municipal Solid Waste
MT	Metric Tone
MTB	Mountain Terrain Biking
MCT	Main Central Thrust
MD	Managing Director
NDMA	National Disaster Management Authority
NMCG	National Mission for Clean Ganga
NIH	National Institute of Hydrology
NRDWP	National Rural Drinking Water Program
NTFB	Non-Timber Forest Produce
NRLM	National Rural Livelihood Mission
NAMET	National Agricultural Management Extension and Technology
NULM	National Urban Livelihood Mission
NPP	Nagar Palika Parishad
NIM	Nehru Institute of Mountaineering
NAT	North Almora Thrust
NGO	Non-Governmental Organization
NLSM	National Landslide Susceptibility Mapping
NH	National Highway
NBA	National Biodiversity Authority
ODF	Open Defecation Free
O&M	Operation and Maintenance
PPA	Proposed Potential Area
PMKSY	Pradhan Mantri Krishi Sinchayee Yojna
PHC	Primary Health Centre
PRI's	Panchayati Raj Institutions
PMU	Project Management Unit
PMAY	Pradhan Mantri Awas Yojna
PCC	Plain Cement Concrete
PT	Private Toilet
PHC	Primary Health Centre
PA	Protected Area
PRI	Panchayati Raj Institution
PMGSY	Pradhan Mantri Gram Sadak Yojna
PWD	Public Works Department
PBR	People Biodiversity Register
PA	Protected Area
PIA	Project Implementation Agency
RBM	River Bed Material
RRR	Repair Renovation Restoration
RD	River Development



PHYSICAL AND FINANCIAL OUTLAY

RKVY	Rashtriya Krishi Vikas Yojna
RCC	Reinforced Cement Concrete
RMSA	Rashtriya Madhyamic Siksha Abhiyan
RR	Random Rubble
RET	Rare, Endangered and Threatened
SPA	Special Plan Assistance
SPMG	State Program Management Group
SAD	State Allopathic Dispensary
STP	Sewage Treatment Plan
SC	Sub-Centre
SLWM	Solid and Liquid Management Program
SHG	Self Help Groups
SCP	Special Component Program
STP	Scheduled Tribe Plan
SSA	Sarva Siksha Abhiyan
SBM	Swatch Bharat Mission
SWM	Solid Waste Management
SDRF	State Disaster Response Force
SGPB	State Geological Programming Board
SOP	Standard Operating Procedure
SH	State Highway
SPCB	State Pollution Control Board
SMC	Soil and Moisture Conservation
SBB	State Biodiversity Board
SC/ST	Schedule Caste/Schedule Tribe
SPP	Species
SLNA	State Level Nodal Agency
S.WP	Special Watershed Project
TRH	Tourist Rest House
UWSSC	User Water Sanitation Sub Committee
URWSSP	Uttarakhand Rural Water Supply and Sanitation Program
ULBs	Urban Local Bodies
UREDA	Urban Renewable Energy Development Agency
UTDB	Uttarakhand Tourism Development Board
UDPFI	Urban Development Plans Formulation and Implementation Guidelines
UP	Uttar Pradesh
VWSSC	Village Water and Sanitation Sub Committee.
VCS	Veer Chandra Singh Garhwali Scheme
WMD	Watershed Management Directorate
W.C	Working Circles
WATSAN	Water and Sanitation Sector
WSSO	Water and Sanitation Support Organization
WBM	Water Bound Macadam
ZMP	Zonal Master Plan