



No.7: Existing cultivated field-6 (Tomato)



No. 8: Existing cultivated field-7 (Maize crop)



No. 9: Existing Water Source: Bran Nallah. 70% water remains in dry season.



No. 10: Close up view of Existing Water Source and water is available throughout year.



No. 11: Existing cement concrete channel along the village path.



No. 12: Existing water channel.

<p>Sample sub project No.: 13 Sample subproject Name: <i>FIS Bhuthi (New)</i> District Name: <i>Kullu</i></p>	<p>Date of Survey: 13.08.2020 Surveyor: Mr. Garvit Gupta, Mr. Vijay Kumar</p>
<p><i>(15 farmers were present in the discussion & out of 15, 6 were female & 9 were male)</i></p>	
<p>Non-disclosure information due to portrait protection</p>	
<p>No.1: Discussion with farmers at village Bhuthi, G.P Brahman, Dsistrict Kullu (H.P)</p>	<p>No. 2: Existing cultivated field -1 (Tomato crop)</p>
<p>Non-disclosure information due to portrait protection</p>	
<p>No. 3: Existing cultivated field-2 (Cabbage)</p>	<p>No. 4: Harvesting of cauliflower</p>
	<p>Non-disclosure information due to portrait protection</p>
<p>No. 5: Existing cultivated field-4 (Beans)</p>	<p>No. 6: Packing shop of farmer. Caulitlower has been packed and ready for sale.</p>

	
<p>No.7: Closeup view of existing cultivated field (Cabbage)</p>	<p>No. 8: Existing cultivated field-5 (Wheat crop)</p>
<p>Non-disclosure information due to portrait protection</p>	
<p>No. 9: Existing cultivated field-6 (Apple)</p>	<p>No. 10: Expected water source 1: Bhuthi Nallah and water is available throughout year.</p>
<p>Non-disclosure information due to portrait protection</p>	
<p>No. 9: Expected water source 2: Kased Nallah and water is available throughout year in this source also and 75% water remains in dry season.</p>	<p>No. 10: Expected water source 2: Closeup view water in Kased Nallah.</p>



No. 11: Existing Kutch channel used for taking water to the CCA.



No. 12: Existing pipeline used for taking water by an individual farmer to his field.



No. 13: Existing Kutch channel.

No. 14: Power tiller used by farmer for ploughing his field.

<p>Sample sub project No.: 14 Sample subproject Name: FIS Japrodan (Khawangi) (Improvement) District Name: Kinnaur</p>	<p>Date of Survey: 19.08.2020 Surveyor: Mr. Ajay Chaudhary, Mr. Rahul Ribalta</p>
<p>(22 farmers were present in the discussion & out of 22, 2 were female & 20 were male)</p>	
<p style="text-align: center;">Non-disclosure information due to portrait protection</p>	
<p>No.1: Discussion with farmers at village Khawangi, G.P. Khawangi, District Kinnaur (H.P)</p>	<p>No. 2: Existing cultivated field-1(Peas)</p>
	
<p>No. 3: Existing cultivated field-2 (Ogla traditional crop)</p>	<p>No. 4: Existing cultivated field-3 (Potato)</p>
	<p style="text-align: center;">Non-disclosure information due to portrait protection</p>
<p>No. 5: Existing water source: Showaling. Water is available throughout year but source freeze after September end due to very low temperature.</p>	<p>No.6: Field visit with farmers to source.</p>

Sample sub project No.: 15 Sample subproject Name: <i>FIS Nichla Bhaturi</i> <i>(Improvement)</i> District Name: <i>Kinnaur</i> <i>(20 farmers were present in the discussion & out of 20, 5 were female & 15 were male)</i>	Date of Survey: 17.08.2020 Surveyor: <i>Mr. Ajay, Mr. Rahul Ribalta</i>
Non-disclosure information due to portrait protection	
No.1: Discussion with farmers at village Bhaturi, G.P. Sapni, District Kinnaur (H.P)	No. 2: Existing cultivated field-1(Apple & Beans)
	
No. 3: Existing cultivated field-2 (Beans)	No. 4: Existing cultivated field-3 (Apple)
Non-disclosure information due to portrait protection	
No. 5: Existing water source: Bhaturi Nallah. Water is available throughout year.	No.6: Close up view of existing water source.

Sample sub project No.: 16 Sample subproject Name: <i>FIS Rogfa to Kothi Kanda (Improvement)</i> District Name: <i>Kinnaur</i>	Date of Survey: 19.08.2020 Surveyor: <i>Mr. Ajay, Mr. Rahul Ribalta</i>
<i>(15 farmers were present in the discussion & out of 15, 6 were female & 9 were male)</i>	
Non-disclosure information due to portrait protection	
No.1: Discussion with farmers at village Kothi, G.P. Kothi, District Kinnaur (H.P)	No. 2: Existing cultivated field-1(Apple Orchard)
	
No. 3: Existing cultivated field-2	No. 4: Existing cultivated field-3 (Apple)
	
No. 5: Existing water source: Rogfa pond. Water is available throughout year.	No.6: Close up view of existing water source.

Sample sub project No.: 17 Sample subproject Name: FIS Deothi Nallah to Keem (New) District Name: Shimla	Date of Survey: 13.08.2020 Surveyor: Mr. Ajay Chaudhary, Mr. Rahul Ribalta
(9 farmers were present in the discussion & out of 9, 3 were female & 6 were male)	
Non-disclosure information due to portrait protection	
No.1: Discussion with farmers at village Deothi, G.P. Deothi, District Shimla (H.P)	No. 2: Existing cultivated field-1(Beans &Apple)
	
No. 3: Existing part of CCA	No. 4: Existing cultivated field-2 (Rajmash)
	
No. 5: Expected water source: Deothi Nallah. Water is available throughout year.	No.6: Close up view of expected water source.

<p>Non-disclosure information due to portrait protection</p>	
<p>No.7: Field visit with farmers to expected water source.</p>	<p>No.8: Existing cultivated field-3 (Apple Orchard)</p>

<p>Sample sub project No.: 18 Sample subproject Name: FIS Jhaldi to Gadda Gram (Improvement) District Name: Shimla</p>	<p>Date of Survey: 15.08.2020 Surveyor: Mr. Ajay Chaudhary, Mr. Rahul Ribalta</p>
<p>(21 farmers were present in the discussion & out of 21, 10 were female & 11 were male)</p>	
<p>Non-disclosure information due to portrait protection</p>	
<p>No.1: Discussion with farmers at village Ghara, G.P. Nerwa, District Shimla (H.P)</p>	<p>No. 2: Existing cultivated field-1(Maize)</p>
	
<p>No. 3: Existing cultivated field-2 (Tomato)</p>	<p>No. 4: Existing cultivated field-3 (Apple orchard)</p>
	<p>Non-disclosure information due to portrait protection</p>
<p>No. 5: Existing water source: Jhaldi Nallah. Water remains throughout year in this source.</p>	<p>No.6: Field visit with farmers to source.</p>



No.7: View of CCA.



No.8: Existing channel of Chir Pine made by farmers for taking water for irrigation.

Sample sub project No.: 19 Sample subproject Name: <i>FIS Kolka</i> (Improvement) District Name: <i>Chamba</i>	Date of Survey: 19.08.2020 Surveyor: <i>Mr. Ronit Kumar, Mr. Rohit Kumar</i>
(15 farmers were present in the discussion & out of 15, 4 were female & 11 were male)	
Non-disclosure information due to portrait protection	
No.1: Discussion with farmers at village Palka, G.P Kolka, Dsitrict Chamba (H.P)	No. 2: Existing cultivated field -1 (Wheat)
	
No. 3: Existing cultivated field-2	No. 4: Existing water source: Kolka Nallah
	Non-disclosure information due to portrait protection
No. 5: Close up view of existing water source. Water remains throughout year.	No. 6: Panorama view with farmers.

<p>Sample sub project No.: 20 Sample subproject Name: <i>FIS Bhadsar (New)</i> District Name: <i>Chamba</i></p>	<p>Date of Survey: 18.08.2020 Surveyor: <i>Mr. Ronit Kumar, Mr. Rohit Kumar</i></p>
<p><i>(12 farmers were present in the discussion & out of 12, 5 were female & 7 were male)</i></p>	
<p>Non-disclosure information due to portrait protection</p>	
<p>No.1: Discussion with farmers at village Bhadsar, G.P Dehgran, Dsitrict Chamba (H.P)</p>	<p>No. 2: Existing cultivated field -1</p>
	
<p>No. 3: Existing cultivated field-2</p>	<p>No. 4: Existing cultivated field-3</p>
	
<p>No. 5: Existing cultivated field-4</p>	<p>No. 6: Expected Water Source: Dehgran Nallah.</p>

<p>Sample sub project No.: 21 Sample subproject Name: <i>FIS Dharmaran (New)</i> District Name: <i>Chamba</i></p>	<p>Date of Survey: 17.08.2020 Surveyor: <i>Mr. Ronit Kumar, Mr. Rohit Kumar</i></p>
<p><i>(13 farmers were present in the discussion & out of 13, 6 were female & 7 were male)</i></p>	
<p>Non-disclosure information due to portrait protection</p>	
<p>No.1: Discussion with farmers at village Dharmaran (Bhandal), G.P Sunuh, District Chamba (H.P)</p>	<p>No. 2: Existing cultivated field -1 (Wheat & Beans)</p>
	
<p>No. 3: Existing cultivated field-2</p>	<p>No. 4: Existing cultivated field-3 (Wheat crop)</p>
	
<p>No. 5: Expected water source namely Sua Nallah.</p>	<p>No. 6: Close up view of expected water source.</p>

<p>Sample sub project No.: 22 Sample subproject Name: <i>FIS Pandhara Choken</i> (New) District Name: <i>Sirmour</i></p>	<p>Date of Survey: 18.08.2020 Surveyor: <i>Mr. Umesh Thakur, Mr. Hitesh Bhardwaj</i></p>
<p style="text-align: center;"><i>(24 farmers were present in the discussion & out of 24, 8 were female & 16 were male)</i></p>	
<p style="text-align: center;">Non-disclosure information due to portrait protection</p>	
<p>No.1: Discussion with farmers at village Choken, G.P. Kothya Jajar, District Sirmour (H.P)</p>	<p>No. 2: Existing cultivated field-1(Tomato)</p>
	
<p>No. 3: Existing cultivated field-2 (Maize intercropped with Marigold))</p>	<p>No. 4: Existing cultivated field-3 (Beans)</p>
	
<p>No. 5: Existing cultivated field-4 (Maize intercropped with capsicum)</p>	<p>No.6: Existing cultivated field-5 (Chrysanthemum)</p>



No. 7: Panorama view of CCA



No. 8: Expected Water Source: Pandhara Khad and 50% water is available in dry season.



No. 9: Closeup view of expected water source.

Sample sub project No.: 23 Sample subproject Name: <i>LIS Chod Ka Malawan</i> (New) District Name: <i>Sirmour</i>	Date of Survey: 17.08.2020 Surveyor: <i>Mr. Umesh Thakur, Mr. Hitesh Bhardwaj</i>
<i>(19 farmers were present in the discussion & out of 19, 10 were female & 9 were male)</i>	
Non-disclosure information due to portrait protection	Non-disclosure information due to portrait protection
No.1: Discussion with farmers at village Chabiul, G.P. Thina Bisotri, District Sirmour (H.P)	No. 2: Farmers of the sub project area
	
No. 3: Existing cultivated field-1(Maize & Tomato)	No. 4: Existing cultivated field-2 (Tomato)
	
No. 5: Existing cultivated field-3 (Beans)	No.6: Existing cultivated field-4 (Peach Orchard)



No. 7: Expected water source namely Chod ka Malwan. Water in this source remains throughout year.



No. 8: Expected water source and 70 % water is available in dry season.

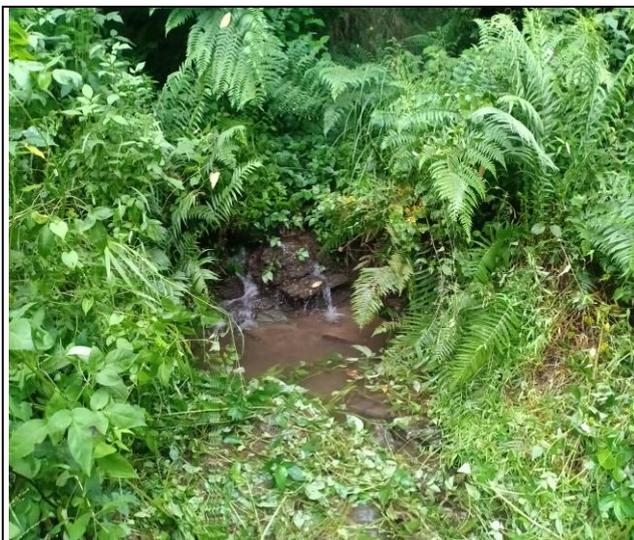


No. 9: Existing CCA.



No. 10: Portrait view of Expected Water Source.

Sample sub project No.: 24 Sample subproject Name: <i>LIS Bhood toTikkri</i> (New) District Name: <i>Sirmour</i>	Date of Survey: 17.08.2020 Surveyor: <i>Mr. Umesh Thakur, Mr. Hitesh Bhardwaj</i>
<i>(21 farmers were present in the discussion & out of 21, 8 were female & 13 were male)</i>	
Non-disclosure information due to portrait protection	Non-disclosure information due to portrait protection
No.1: Discussion with farmers at village Tikkri Jajah, G.P. Neharjab, District Sirmour (H.P)	No. 2: Farmers of the sub project area
	
No. 3: Existing cultivated field-1(Maize)	No. 4: Existing cultivated field-2 (Beans)
	
No. 5: Existing cultivated field-3 (Tomato)	No.6: Existing cultivated field-4 (Beans)



Non-disclosure information due to portrait protection

No. 7: Expected water source namely Bhool ka Nallah. Water in this source remains throughout year and 20% water remains in dry season.

No. 8: Expected water source.

Sample sub project No.: 25 Sample subproject Name: <i>FIS Dhayari- Dhalli- Jadari (Improvement)</i> District Name: <i>Solan</i>	Date of Survey: <i>14.08.2020</i> Surveyor: <i>Mr. Umesh Thakur, Mr. Hitesh Bhardwaj</i>
<i>(15 farmers were present in the discussion & out of 15, 5 were female & 10 were male)</i>	
Non-disclosure information due to portrait protection	Non-disclosure information due to portrait protection
No.1: Discussion with farmers at village Jadari, G.P. Sirinagar, District Solan (H.P)	No. 2: Farmers of the sub project area
	
No. 3: Panorama view of existing cultivated field-1	No. 4: Existing cultivated field-2 (Ginger & Capsicum)
	
No. 5: Existing cultivated field-2 (Beans)	No. 6: Closeup view of existing water source namely Baandh ka Nallah. This is the perennial source of water.

<p>Non-disclosure information due to portrait protection</p>	
<p>No. 7: Existing water source. Water in this source remains throughout year.</p>	<p>No. 8: Existing channel which is damaged at most of the places.</p>
	
<p>No. 9: Existing Water storage tank but water cannot be stored in this tank due to leakages in many points.</p>	<p>No. 10: View of CCA.</p>

<p>Sample sub project No.: 26 Sample subproject Name: <i>FIS Kailar to Bajdol Kalan (Improvement)</i> District Name: <i>Solan</i></p>	<p>Date of Survey: 14.08.2020 Surveyor: <i>Mr. Umesh Thakur, Mr. Hitesh Bhardwaj</i></p>
<p><i>(13 farmers were present in the discussion & out of 13, 4 were female & 9 were male)</i></p>	
<p>Non-disclosure information due to portrait protection</p>	
<p>No.1: Discussion with farmers at village Kailar, G.P. Dangri, District Solan (H.P)</p>	<p>No. 2: Existing cultivated field -1 (Maize crop)</p>
	
<p>No. 3: Existing cultivated field-2 (Tomato crop)</p>	<p>No. 4: Existing cultivated field-3 (Cauliflower)</p>
	
<p>No. 5: Existing cultivated field-4 (Tomato & Pepper)</p>	<p>No. 6: Existing water source: Nauni Nallah</p>



No. 7: Existing cement concrete channel



No. 8: Existing cultivated field-5 (Maize crop)

<p>Sample sub project No.: 27 Sample subproject Name: <i>FIS Chakli (Shawad to Dadla) (Improvement)</i> District Name: <i>Solan</i></p>	<p>Date of Survey: 13.08.2020 Surveyor: <i>Mr. Umesh Thakur, Mr. Hitesh Bhardwaj</i></p>
<p style="text-align: center;"><i>(17 farmers were present in the discussion & out of 17, 5 were female & 12 were male)</i></p>	
<p style="text-align: center;">Non-disclosure information due to portrait protection</p>	
<p>No.1: Discussion with farmers at village Chakli, G.P. Top Ki Ber, District Solan (H.P)</p>	<p>No. 2: Existing cultivated field -1 (Tomato crop)</p>
	
<p>No. 3: Existing cultivated field-2 (Wheat crop)</p>	<p>No. 4: Existing water source namely Rawan Ka Ban.</p>
	<p style="text-align: center;">Non-disclosure information due to portrait protection</p>
<p>No. 5: Existing water storage tank of an individual farmer from this he is able to irrigate his nearby fields.</p>	<p>No. 6: Existing cement concrete channel.</p>

<p>Non-disclosure information due to portrait protection</p>	 <p>F9 Pro</p>
<p>No. 7: Females & Males participating in group discussion</p>	<p>No. 8: Existing cultivated field-3 (Tomato crop)</p>

<p>Sample sub project No.: 28 Sample subproject Name: <i>FIS Panahi (New)</i> District Name: <i>Lahaul Spiti</i></p>	<p>Date of Survey: 17.08.2020 Surveyor: <i>Mr. Garvit Gupta, Mr. Vijay Kumar</i></p>
<p style="text-align: center;"><i>(13 farmers were present in the discussion & out of 13, 5 were female & 8 were male)</i></p>	
<p style="text-align: center;">Non-disclosure information due to portrait protection</p>	
<p>No.1: Discussion with farmers at village Balgot, G.P Chimrat, District Lahaul Spiti (H.P)</p>	<p>No. 2: Existing cultivated field -1 (Cauliflower)</p>
	
<p>No. 3: Existing cultivated field-2 (Barley)</p>	<p>No. 4: Existing cultivated field-3 (potato)</p>
	
<p>No. 5: Existing CCA</p>	<p>No. 6: Expected Water Source namely Chenas Nallah & 90% water remains in this source in dry season.</p>

Sample sub project No.: 29 Sample subproject Name: <i>FIS Mayur Kuhl Gemoor (Improvement)</i> District Name: <i>Lahaul Spiti</i>	Date of Survey: 16.08.2020 Surveyor: <i>Mr. Garvit Gupta, Mr. Vijay Kumar</i>
<i>(15 farmers were present in the discussion & out of 15, 6 were female & 9 were male)</i>	
Non-disclosure information due to portrait protection	
No.1: Discussion with farmers at village Gemoor, G.P Kailong, District Lahaul Spiti (H.P)	No. 2: Existing CCA
	
No. 3: Existing cultivated field-1 (Potato)	No. 4: Existing cultivated field-2 (Peas)
	
No. 5: Existing cultivated field-3 (Apple & Potato)	No. 6: Existing cultivated field-4 (Potato)



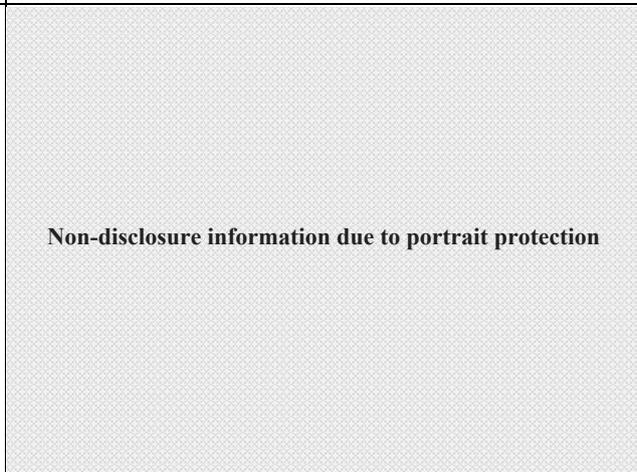
No. 7: Existing cultivated field-4 (Cabbage)



No. 8: Existing Water Source namely Chaschi Nallah & 90% water remains in this source in dry season.



No. 9: Existing chamber for collecting water form kutchha channel.



Non-disclosure information due to portrait protection

No. 10: Source visit with farmers.

Sample sub project No.: 30 Sample subproject Name: <i>FIS Peukar</i> (Improvement) District Name: <i>Lahaul Spiti</i>	Date of Survey: 18.08.2020 Surveyor: Mr. Garvit Gupta, Mr. Vijay Kumar
(15 farmers were present in the discussion & out of 15, 4 were female & 11 were male)	
Non-disclosure information due to portrait protection	
No.1: Discussion with farmers at village Peukar, G.P Barbog, District Lahaul Spiti (H.P)	No. 2: Existing cultivated field-1: Cabbage
	Non-disclosure information due to portrait protection
No. 3: Existing cultivated field-1 (Potato)	No. 4: Existing cultivated field-2 (Potato) with sprinkler.
	
No. 5: Existing cultivated field-3 (Peas)	No. 6: Existing cultivated field-4 (Baucillie)



No. 7: Existing cultivated field-5 (Cabbage & onion)



No. 8: View of CCA.



No. 9: Existing Water Source namely Jungrang Nallah & 80% water remains in this source in dry season.



No. 10: Existing kutch channel.

Attachment-5.3.2 Typical Land Holding Size in Sub-projects selected in the Sample Survey

Sr. No.	Name & Type of Scheme	District	Zone	Typical Holding Size (ha/FHH)
1	LIS Balduhak	Hamirpur	1	1.06
2	LIS Samella	Hamirpur	1	1.01
3	STW Chattara	Una	1	0.30
4	LIS Mandholi	Una	1	0.45
5	LIS Dharbyain	Bilaspur	1	1.38
6	LIS Chanjota	Bilaspur	1	0.98
7	FIS Kasan to Sanj	Mandi	2	0.61
8	FIS Suma to Shivabadar	Mandi	2	0.61
9	FIS Manuni Kuhal	Kangra	1	1.19
10	LIS Balu Galoa	Kangra	1	0.48
11	FIS Bran Bihal Seri	Kullu	3	1.17
12	FIS Dobha Seri	Kullu	3	0.72
13	FIS Bhuthi	Kullu	3	0.86
14	FIS Japroden	Kinnaur	4	1.25
15	FIS Nichla Bhatari	Kinnaur	3	0.96
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	0.94
17	FIS Deothi Nallah to Keem	Shimla	4	0.41
18	FIS Jhaldi to Gadda Gram	Shimla	3	1.32
19	FIS Kolka	Chamba	3	0.21
20	FIS Bhadsar	Chamba	3	1.78
21	FIS Dharmeran	Chamba	3	0.28
22	FIS Pandhara Choken	Sirmour	2	0.77
23	LIS Chod Ka Malavan	Sirmour	2	1.39
24	LIS Bhood to Tikkri	Sirmour	2	0.95
25	FIS Dhayari- Dhalli- Jadari	Solan	2	0.86
26	FIS Kailar	Solan	2	0.48
27	FIS Chakli	Solan	2	0.40
28	FIS Panahi	Lahaul Spiti	4	0.88
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	0.77
30	FIS Peukar	Lahaul Spiti	4	1.02

Source: Sample Survey, Preparatory Survey Team, August 2020

Attachment 5.3.3 Cropping Pattern in Sub-projects selected in the Sample Survey

(Unit: %)

Sr. No.	Name & Type of Scheme	District	Zone	Rabi Season					Kharif Season					
				Wheat	Others	Vegetables	Fruit Trees	Total	Maize	Others	Paddy	Vegetables	Fruit Trees	Total
1	LIS Balduhak	Hamirpur	1	80	15	5		100	55	30	10	5		100
2	LIS Samella	Hamirpur	1	80	10	10		100	80	10		10		100
3	STW Chattara	Una	1	100				100	100					100
4	LIS Mandholi	Una	1	100				100	100					100
5	LIS Dharbyain	Bilaspur	1	80		15	5	100	80	5		10	5	100
6	LIS Chanjota	Bilaspur	1	80		20		100	80			20		100
7	FIS Kasan to Sanj	Mandi	2	20	10	70		100	80	10		10		100
8	FIS Suma to Shivabadar	Mandi	2	60	10	25	5	100	80	10		5	5	100
9	FIS Manuni Kuhal	Kangra	1	90	5	5		100	10	10	75	5		100
10	LIS Balu Galoa	Kangra	1	85	5	5	5	100	80	5	5	5	5	100
11	FIS Bran Bihal Seri	Kullu	3	-	20	40	40	100	15	10		35	40	100
12	FIS Dobha Seri	Kullu	3	20		30	50	100	10	10		30	50	100
13	FIS Bhuthi	Kullu	3	20	10	70		100	10	20		30	40	100
14	FIS Japroden	Kinnaur	4	20	10	10	60	100	20	20		60		100
15	FIS Nichla Bhatari	Kinnaur	3	10	10	20	60	100	20	25		55		100
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	20	10	25	45	100	20	50		30		100
17	FIS Deothi Nallah to Keem	Shimla	4	5		45	50	100	30	45		25		100
18	FIS Jhaldi to Gadda Gram	Shimla	3	10	10	30	50	100	40	15		40	5	100
19	FIS Kolka	Chamba	3	30	55	15		100	80		10	10		100
20	FIS Bhadsar	Chamba	3	40	15	5	40	100	50	5		5	40	100
21	FIS Dharmeran	Chamba	3	95	5			100	95			5		100
22	FIS Pandhara Choken	Sirmour	2	30	30	40		100	40			50	10	100
23	LIS Chod Ka Malavan	Sirmour	2	5	5	60	30	100	20			80		100
24	LIS Bhood to Tikkri	Sirmour	2	10	10	80		100	15			70	15	100
25	FIS Dhayari- Dhalli- Jadari	Solan	2	10	5	85		100	10			80	10	100
26	FIS Kailar	Solan	2	10	5	85		100	10	10		75	5	100
27	FIS Chakli	Solan	2	20	5	75		100	30			60	10	100
28	FIS Panahi	Lahaul Spiti	4					0	15			85		100
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4					0	5			90	5	100
30	FIS Peukar	Lahaul Spiti	4					0				100		100

Source: Sample Survey, Preparatory Survey Team, August 2020

Attachment 5.3.4 Annual Farm and Non-Farm Income in Sub-projects selected in the Sample Survey

(Unit: Rs/year)

Sr. No.	Name & Type of Scheme	District	Zone	Farm Income	Non-farm Income
1	LIS Balduhak	Hamirpur	1	200,000	800,000
2	LIS Samella	Hamirpur	1	40,000	30,000
3	STW Chattara	Una	1		30,000
4	LIS Mandholi	Una	1	20,000	50,000
5	LIS Dharbyain	Bilaspur	1	40,000	150,000
6	LIS Chanjota	Bilaspur	1	50,000	80,000
7	FIS Kasan to Sanj	Mandi	2	40,000	30,000
8	FIS Suma to Shivabadar	Mandi	2	50,000	180,000
9	FIS Manuni Kuhal	Kangra	1	50,000	15,000
10	LIS Balu Galoa	Kangra	1		35,000
11	FIS Bran Bihal Seri	Kullu	3	200,000	
12	FIS Dobha Seri	Kullu	3	250,000	
13	FIS Bhuthi	Kullu	3	150,000	
14	FIS Japroden	Kinnaur	4	300,000	100,000
15	FIS Nichla Bhatari	Kinnaur	3	500,000	200,000
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	200,000	50,000
17	FIS Deothi Nallah to Keem	Shimla	4	200,000	400,000
18	FIS Jhaldi to Gadda Gram	Shimla	3	180,000	300,000
19	FIS Kolka	Chamba	3	15,000	20,000
20	FIS Bhadsar	Chamba	3	35,000	20,000
21	FIS Dharmaran	Chamba	3		35,000
22	FIS Pandhara Choken	Sirmour	2	250,000	30,000
23	LIS Chod Ka Malavan	Sirmour	2	250,000	100,000
24	LIS Bhool to Tikkri	Sirmour	2	150,000	100,000
25	FIS Dhayari- Dhalli- Jadari	Solan	2	500,000	200,000
26	FIS Kailar	Solan	2	300,000	70,000
27	FIS Chakli	Solan	2	250,000	30,000
28	FIS Panahi	Lahaul Spiti	4	200,000	
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	300,000	40,000
30	FIS Peukar	Lahaul Spiti	4	200,000	

Source: Sample Survey, Preparatory Survey Team, August 2020

Attachment 5.3.5 Spread of Farm Machinery, Transportation Means, and Irrigation Facilities etc. in the Sample Survey

Sr. No.	Name & Type of Scheme	District	Zone	4-wheel tractor	Attachment			Power tiller	Attachment			Knapsack-type sprayer		Sprinkler System	Drip system	Processing unit	Solar pump	Well for irrigation	Vehicle	Motor cycle	Smart phone	Mobile phone	Livestock			
					Rotavator	Plough	Seed drill		Rotavator	Plough	Ridger	with engine	Hand-type										Cow	Water buffalo	Goat/sheep	Poultry
1	LIS Balduhak	Hamirpur	1	4	4	4	4	4	4	4	4	4	2	3	4	4	4	3	3	2	2	2	3	2	4	4
2	LIS Samella	Hamirpur	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	1	2	3	1	1	3
3	STW Chattara	Una	1	3	4	4	4	4	4	4	4	3	2	4	4	4	4	4	3	3	2	1	2	2	3	4
4	LIS Mandholi	Una	1	4	4	4	4	4	4	4	4	3	4	4	4	4	4	3	3	2	2	1	2	1	4	4
5	LIS Dharbyain	Bilaspur	1	3	4	3	4	3	3	3	4	2	2	3	4	2	2	3	3	2	2	1	3	1	3	3
6	LIS Chanjota	Bilaspur	1	4	4	4	4	2	2	2	4	4	1	3	2	3	2	3	3	2	1	1	2	3	1	4
9	FIS Manuni Kuhal	Kangra	1	3	4	3	4	3	4	3	4	4	2	3	4	4	4	4	3	2	3	1	2	3	3	3
10	LIS Balu Galoa	Kangra	1	3	4	3	4	4	4	4	4	3	2	4	4	4	4	4	3	3	3	3	3	3	3	3
7	FIS Kasan to Sanj	Mandi	2	3	4	4	4	2	3	3	4	4	3	4	4	4	4	4	3	3	2	1	1	4	4	4
8	FIS Suma to Shivabadar	Mandi	2	4	4	4	4	3	4	4	4	4	3	4	4	4	4	4	3	3	2	1	1	4	2	4
22	FIS Pandhara Choken	Sirmour	2	4	4	4	4	3	4	4	4	4	3	4	4	4	4	4	3	3	3	1	1	3	3	4
23	LIS Chod Ka Malavan	Sirmour	2	4	4	4	4	3	4	3	4	4	1	4	4	4	4	4	3	3	2	1	1	3	3	4
24	LIS Bhoor to Tikkri	Sirmour	2	4	4	4	4	3	4	4	4	2	2	4	4	4	4	4	3	3	3	1	1	4	3	4
25	FIS Dhayari- Dhalli- Jadari	Solan	2	4	4	4	4	2	4	2	4	3	1	4	3	4	4	4	3	2	2	1	1	3	4	4
26	FIS Kailar	Solan	2	4	4	4	4	2	2	2	2	2	1	4	4	4	4	4	3	3	3	2	1	4	4	4
27	FIS Chakli	Solan	2	4	4	4	4	2	4	2	4	3	2	4	4	4	4	4	3	4	3	2	1	4	4	4
11	FIS Bran Bihal Seri	Kullu	3	4	4	4	4	3	3	4	4	3	2	3	4	4	4	4	3	3	2	1	1	4	2	3
12	FIS Dobha Seri	Kullu	3	4	4	4	4	4	4	4	4	3	2	4	4	4	3	4	3	3	2	1	1	4	2	3
13	FIS Bhuthi	Kullu	3	4	4	4	4	2	2	4	4	3	2	3	4	4	3	4	3	3	2	1	1	4	2	3
15	FIS Nichla Bhatari	Kinnaur	3	4	4	4	4	4	4	4	4	2	2	4	4	4	4	3	3	3	2	1	1	4	3	3
18	FIS Jhaldi to Gadda Gram	Shimla	3	4	4	4	4	2	4	2	4	3	1	2	4	4	4	3	3	2	2	1	2	4	3	3
19	FIS Kolka	Chamba	3	4	4	4	4	3	4	3	4	4	3	3	4	3	4	4	3	3	2	1	2	3	3	4
20	FIS Bhadsar	Chamba	3	4	4	4	4	3	4	3	4	3	2	3	4	3	4	4	3	3	3	1	1	2	2	3
21	FIS Dharmaran	Chamba	3	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	3	3	3	1	2	3	3	4
14	FIS Japoden	Kinnaur	4	4	4	4	4	3	4	3	4	1	2	4	4	4	3	3	3	2	2	1	1	4	3	4
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	4	4	4	4	3	4	3	4	2	2	4	4	4	3	3	3	2	2	1	2	4	3	3
17	FIS Deothi Nallah to Keem	Shimla	4	4	4	4	4	3	4	3	4	1	1	3	4	4	4	3	3	2	2	1	2	4	3	3
28	FIS Panahi	Lahaul Spiti	4	3	4	4	4	2	2	4	4	2	2	4	4	4	4	4	3	3	2	1	1	4	2	4
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	4	4	4	4	2	2	4	4	3	2	2	4	4	3	4	3	3	2	1	1	4	3	4
30	FIS Peukar	Lahaul Spiti	4	4	4	4	4	2	2	4	4	2	1	2	4	4	3	4	3	3	2	1	1	4	2	4

Source: Sample Survey, Preparatory Survey Team, August 2020

Attachment 5.3.6 Expectation to the Project

Sr. No.	Name & Type of Scheme	District	Zone	1st		2nd		3rd		4th		5th		6th		7th		8th		9th		10th	
				1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
1	LIS Balduhak	Hamirpur	1	2	2	2	1	1	3	1	1	2	1	1	2	2	1	2	2	1	1	2	3
2	LIS Samella	Hamirpur	1	2	2	1	1	3	2	3	2	2	1	1	2	2	3	1	1	1	2	2	3
3	STW Chattara	Una	1	2	1	2	1	2	2	2	1	2	1	2	1	1	1	2	1	2	1	2	1
4	LIS Mandholi	Una	1	2	1	2	1	2	1	2	2	2	1	2	1	2	1	2	1	2	1	2	1
5	LIS Dharbyain	Bilaspur	1	2	1	2	1	2	1	2	1	2	3	2	1	2	1	2	1	2	1	2	1
6	LIS Chanjota	Bilaspur	1	2	2	2	1	1	1	1	1	1	2	1	2	1	2	1	2	1	2	1	1
9	FIS Manuni Kuhal	Kangra	1	2	1	2	2	2	1	2	3	3	2	2	1	3	1	2	1	2	3	2	1
10	LIS Balu Galoa	Kangra	1	2	2	2	2	3	1	3	2	2	1	3	2	2	2	2	2	2	2	2	2
7	FIS Kasan to Sanj	Mandi	2	2	1	1	2	2	1	2	2	2	2	2	2	1	1	2	2	2	1	1	2
8	FIS Suma to Shivabadar	Mandi	2	2	3	3	1	2	2	2	3	2	2	2	3	3	1	1	2	2	2	2	2
22	FIS Pandhara Choken	Sirmour	2	2	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
23	LIS Chod Ka Malavan	Sirmour	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
24	LIS Bhool to Tikri	Sirmour	2	2	1	2	1	2	1	2	1	2	1	2	1	2	2	2	2	1	1	2	1
25	FIS Dhayari- Dhalli- Jadari	Solan	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
26	FIS Kailar	Solan	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
27	FIS Chakli	Solan	2	2	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
11	FIS Bran Bihal Seri	Kullu	3	2	1	2	1	2	1	2	2	2	2	3	2	2	1	3	1	2	2	2	1
12	FIS Dobha Seri	Kullu	3	2	2	2	1	2	2	2	1	3	1	2	1	2	1	1	1	2	1	2	2
13	FIS Bhuthi	Kullu	3	2	1	2	1	2	1	2	1	3	1	2	2	2	1	2	1	2	1	2	1
15	FIS Nichla Bhatari	Kinnaur	3	3	1	3	1	3	2	3	1	3	1	3	2	2	3	3	2	3	1	3	2
18	FIS Jhaldi to Gadda Gram	Shimla	3	2	1	2	1	3	1	3	1	3	2	2	2	3	1	3	1	2	1	3	2
19	FIS Kolka	Chamba	3	3	2	4	2	2	1	2	1	2	2	1	3	1	2	2	1	4	2	3	2
20	FIS Bhadsar	Chamba	3	3	2	3	2	2	2	2	1	2	2	2	1	3	2	2	2	2	2	3	1
21	FIS Dharmeran	Chamba	3	2	1	2	2	3	2	3	2	3	2	2	3	2	2	2	1	2	1	3	2
14	FIS Japrodan	Kinnaur	4	3	1	3	2	3	1	3	2	2	1	3	3	3	2	3	1	3	1	3	3
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	3	1	3	1	2	2	2	3	3	2	3	1	3	2	2	2	3	3	3	1
17	FIS Deothi Nallah to Keem	Shimla	4	3	1	3	2	2	1	2	2	3	1	3	2	4	3	3	2	3	1	3	3
28	FIS Panahi	Lahaul Spiti	4	2	1	2	1	2	1	2	2	2	2	2	1	2	2	2	1	2	2	2	1
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	2	1	2	1	2	2	2	2	2	1	2	1	2	2	2	1	2	1	2	2
30	FIS Peukar	Lahaul Spiti	4	2	1	2	2	2	1	2	1	2	2	2	1	2	1	2	1	2	1	2	2

Note:

1. Utilization of irrigation water

1. For food grains (wheat / maize / others)
2. For vegetables
3. For orchard trees
4. For livestock

2. Expectation under Irrigation Condition

1. Increment of production
2. Improvement of quality
3. Cultivation of more crops

Attachment 5.3.8 Constraints for Food Grains

Sr. No.	Name & Type of Scheme	District	Zone	1		2		3		4		5		6	
				Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1	LIS Balduhak	Hamirpur	1		11		11	11			11	11			11
2	LIS Samella	Hamirpur	1		14	14		14			14	14			14
3	STW Chattara	Una	1	15		15		15			15	15			15
4	LIS Mandholi	Una	1	14		14		14		14		14			14
5	LIS Dharbyain	Bilaspur	1	16		16		16		16		16			16
6	LIS Chanjota	Bilaspur	1	10		10		10		6	4	10			10
9	FIS Manuni Kuhl	Kangra	1	10	140	10	140		150	150			150	150	
10	LIS Balu Galoa	Kangra	1		80		80		80	80		80			80
7	FIS Kasan to Sanj	Mandi	2	18	1	16	3	10	9	19		19			19
8	FIS Suma to Shivabadar	Mandi	2		16		16	16		16		16			16
22	FIS Pandhara Choken	Sirmour	2	24			24	24		24			24	24	
23	LIS Chod Ka Malavan	Sirmour	2		19		19		19	4	15	19			19
24	LIS Bhoor to Tikkri	Sirmour	2		21		21	6	15		21		21		21
25	FIS Dhayari- Dhalli- Jadari	Solan	2		16		16	16		16		16			16
26	FIS Kailar	Solan	2		20		20	20		10	10	6	14		20
27	FIS Chakli	Solan	2		17	3	14	17		17			17		17
11	FIS Bran Bihal Seri	Kullu	3	12	5	12	5	17		17		8	9	17	
12	FIS Dobha Seri	Kullu	3	12		8	4	12		12		7	5	6	6
13	FIS Bhuthi	Kullu	3	15		12	3	15		15		12	3	15	
15	FIS Nichla Bhatari	Kinnaur	3	2	18	1	19	20		7	13	20		15	5
18	FIS Jhaldi to Gadda Gram	Shimla	3	10	11	3	18	21		15	6	21			21
19	FIS Kolka	Chamba	3		55		55	55		55			55	55	
20	FIS Bhadsar	Chamba	3		60		60	60		60		60			60
21	FIS Dharmeran	Chamba	3		70	70		70		70		70			70
14	FIS Japroden	Kinnaur	4		20		20	20		8	12	15	5	20	
16	FIS Rogfa to Kothi Kanda	Kinnaur	4		15		15	13	2	9	6	15		12	3
17	FIS Deothi Nallah to Keem	Shimla	4		10		10		10	8	2	8	2	10	
28	FIS Panahi	Lahaul Spiti	4	13		10	3	13		13		7	6		13
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4												
30	FIS Peukar	Lahaul Spiti	4												

Source: Sample Survey, Preparatory Survey Team, August 2020

1. Quality seeds are not available when we need.
2. Fertilizer is not available when we need.
3. Seeds are expensive.
4. Low yield
5. No visiting of extension officers
6. No training programmes

Attachment 5.3.9 Constraints for Vegetables

Sr. No.	Name & Type of Scheme	District	Zone	1		2		3		4		5		6	
				Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1	LIS Balduhak	Hamirpur	1	11			11	11		11		11		11	
2	LIS Samella	Hamirpur	1	14		14		14		10	4	14		14	
3	STW Chattara	Una	1												
4	LIS Mandholi	Una	1												
5	LIS Dharbyain	Bilaspur	1	16		16		10	6	16		16		16	
6	LIS Chanjota	Bilaspur	1	10		10		6	4	10		10		10	
9	FIS Manuni Kuhal	Kangra	1		150	10	140	150		150			150	150	
10	LIS Balu Galoa	Kangra	1		80		80	80		80		80		80	
7	FIS Kasan to Sanj	Mandi	2		19		19	19		16	3	19		19	
8	FIS Suma to Shivabadar	Mandi	2	16			16	16			16	16		16	
22	FIS Pandhara Choken	Sirmour	2		24		24	24		24			24	24	
23	LIS Chod Ka Malavan	Sirmour	2		19		19		19		19	19		19	
24	LIS Bhood to Tikkri	Sirmour	2		21		21	21		5	16		21		21
25	FIS Dhayari- Dhalli- Jadari	Solan	2		16		16	16		12	4	16		16	
26	FIS Kailar	Solan	2		20		20	20		7	13	6	14		20
27	FIS Chakli	Solan	2	1	16	1	16	16	1	16	1		17		17
11	FIS Bran Bihal Seri	Kullu	3	7	10	7	10	17		17		8	9	17	
12	FIS Dobha Seri	Kullu	3	12		8	4	12		12		7	5	6	6
13	FIS Bhuthi	Kullu	3	10	5	10	5	15		15		12	3	12	3
15	FIS Nichla Bhatari	Kinnaur	3		20		20	20		12	8	20		16	4
18	FIS Jhaldi to Gadda Gram	Shimla	3	10	11	1	20	21		10	11	21		21	
19	FIS Kolka	Chamba	3		55		55	55		55			55	55	
20	FIS Bhadsar	Chamba	3		60		60	60		60		60		60	
21	FIS Dharmeran	Chamba	3												
14	FIS Japroden	Kinnaur	4		20	2	18	20		12	8	16	4	18	2
16	FIS Rogfa to Kothi Kanda	Kinnaur	4		15		15	15		8	7	15		13	2
17	FIS Deothi Nallah to Keem	Shimla	4	8	2		10	10		8	2	10		10	
28	FIS Panahi	Lahaul Spiti	4	13		10	3	13		13		7	6		13
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	12	3	12	3	15		15		5	10	5	10
30	FIS Peukar	Lahaul Spiti	4	12	3	12	3	15		15		5	10	5	10

Source: Sample Survey, Preparatory Survey Team, August 2020

1. Quality seeds are not available when we need.
2. Fertilizer is not available when we need.
3. Seeds are expensive.
4. Low yield
5. No visiting of extension officers
6. No training programmes

Attachment 5.3.10 Constraints for Fruit Trees

Sr. No.	Name & Type of Scheme	District	Zone	1		2		3		4		5		6	
				Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1	LIS Balduhak	Hamirpur	1												
2	LIS Samella	Hamirpur	1												
3	STW Chattara	Una	1												
4	LIS Mandholi	Una	1												
5	LIS Dharbyain	Bilaspur	1												
6	LIS Chanjota	Bilaspur	1	10		10		7	3	4	6	10		10	
9	FIS Manuni Kuhal	Kangra	1												
10	LIS Balu Galoa	Kangra	1		80		80	80		80		80		80	
7	FIS Kasan to Sanj	Mandi	2												
8	FIS Suma to Shivabadar	Mandi	2		16		16	16		16		16		16	
22	FIS Pandhara Choken	Sirmour	2	14	10		24	24			24		24		24
23	LIS Chod Ka Malavan	Sirmour	2												
24	LIS Bhool to Tikkri	Sirmour	2												
25	FIS Dhayari- Dhalli- Jadari	Solan	2												
26	FIS Kailar	Solan	2												
27	FIS Chakli	Solan	2												
11	FIS Bran Bihal Seri	Kullu	3	17		17		12	5	17		8	9	17	
12	FIS Dobha Seri	Kullu	3	12		8	4	12		12		7	5	6	6
13	FIS Bhuthi	Kullu	3	15		15		15		15		12	3	15	
15	FIS Nichla Bhatari	Kinnaur	3		20		20	15	5	10	10	20		13	7
18	FIS Jhaldi to Gadda Gram	Shimla	3	5	16	1	20	16	5	18	3	21		18	3
19	FIS Kolka	Chamba	3												
20	FIS Bhadsar	Chamba	3												
21	FIS Dharmeran	Chamba	3												
14	FIS Japrodan	Kinnaur	4		20		20	20		10	10	20		20	
16	FIS Rogfa to Kothi Kanda	Kinnaur	4	3	12	2	13	15		9	6	15		10	5
17	FIS Deothi Nallah to Keem	Shimla	4		10		10	2	8	9	1	10		6	4
28	FIS Panahi	Lahaul Spiti	4												
29	FIS Mayur Kuhl Gemoor	Lahaul Spiti	4	15		15		15		15		12	3	15	
30	FIS Peukar	Lahaul Spiti	4												

Source: Sample Survey, Preparatory Survey Team, August 2020

1. Quality seeds are not available when we need.
2. Fertilizer is not available when we need.
3. Seeds are expensive.
4. Low yield
5. No visiting of extension officers
6. No training programmes