

DETAILED PROJECT REPORT – PART - II

BASIC INFORMATION -BUDGET AT A GLANCE

PHASING FOR 5 YEARS

BROADSHEET CUM ACTION PLAN FOR 5 YEARS

COMPONENT WISE BUDGET FOR PROPOSED ACTIVITIES

PIA: DIVISIONAL SOIL CONSERVATION OFFICER, PATIALA

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PROJECT PATIALA IWMP 1/2012-13

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AT A GLANCE - BASIC INFORMATION
VILLAGE WISE COMPONENT WISE FUNDS AVAILABILITY

Treatable area (ha) 3920

Project outlay in lacs 470.40

C O M P O N E N T S - %																
Sr.No.	Name of Village	H.No.	Project Area in ha	Effective Area in ha	Funds Available in lacs	ADMIN	DPR	EPA	IB & CB	Monitoring	Evaluation	Works	FPSS	LSS	CP	Total
						10	1	4	5	1	1	56	10	9	3	100
1	Ahru Kalan	285	294	92	35.28	3.53	0.35	1.41	1.76	0.35	0.35	19.76	3.53	3.18	1.06	35.28
2	Ahru Khurd	286	105	33	12.60	1.26	0.13	0.50	0.63	0.13	0.13	7.06	1.26	1.13	0.38	12.60
3	Akbarpur Afgana	255	158	49	18.96	1.90	0.19	0.76	0.95	0.19	0.19	10.62	1.90	1.71	0.57	18.96
4	Alipur w Sahib	293	400	125	48.00	4.80	0.48	1.92	2.40	0.48	0.48	26.88	4.80	4.32	1.44	48.00
5	Aujhan	283	263	81	31.56	3.16	0.32	1.26	1.58	0.32	0.32	17.67	3.16	2.84	0.95	31.56
6	Bhagwanpur Jattan	257	218	67	26.16	2.62	0.26	1.05	1.31	0.26	0.26	14.65	2.62	2.35	0.78	26.16
7	Binjjal	284	502	156	60.24	6.02	0.60	2.41	3.01	0.60	0.60	33.73	6.02	5.42	1.81	60.24
8	Bishan Nager	256	186	57	22.32	2.23	0.22	0.89	1.12	0.22	0.22	12.50	2.23	2.01	0.67	22.32
9	Bivipur Khurd	183	251	78	30.12	3.01	0.30	1.20	1.51	0.30	0.30	16.87	3.01	2.71	0.90	30.12
10	Budhmore	260	506	157	60.72	6.07	0.61	2.43	3.04	0.61	0.61	34.00	6.07	5.46	1.82	60.72

11	Chaprahar	280	188	58	22.56	2.26	0.23	0.90	1.13	0.23	0.23	12.63	2.26	2.03	0.68	22.56
12	Dhagrauli	288	273	85	32.76	3.28	0.33	1.31	1.64	0.33	0.33	18.35	3.28	2.95	0.98	32.76
13	Dudan Gujran	253	432	79	51.84	5.18	0.52	2.07	2.59	0.52	0.52	29.03	5.18	4.67	1.56	51.84
14	Dudan Sadhan	252	256	134	30.72	3.07	0.31	1.23	1.54	0.31	0.31	17.20	3.07	2.76	0.92	30.72
15	Ganeshpur	268	303	94	36.36	3.64	0.36	1.45	1.82	0.36	0.36	20.36	3.64	3.27	1.09	36.36
16	Gharam	240	797	248	95.64	9.56	0.96	3.83	4.78	0.96	0.96	53.56	9.56	8.61	2.87	95.64
17	Hajipur	272	243	75	29.16	2.92	0.29	1.17	1.46	0.29	0.29	16.33	2.92	2.62	0.87	29.16
18	Harigarh	264	166	51	19.92	1.99	0.20	0.80	1.00	0.20	0.20	11.16	1.99	1.79	0.60	19.92
19	Ibrahimpur	278	191	59	22.92	2.29	0.23	0.92	1.15	0.23	0.23	12.84	2.29	2.06	0.69	22.92
20	Isharheri	291	223	69	26.76	2.68	0.27	1.07	1.34	0.27	0.27	14.99	2.68	2.41	0.80	26.76
21	Jodhpur	261	211	65	25.32	2.53	0.25	1.01	1.27	0.25	0.25	14.18	2.53	2.28	0.76	25.32
22	Kachwa	294	156	48	18.72	1.87	0.19	0.75	0.94	0.19	0.19	10.48	1.87	1.68	0.56	18.72
23	Kachwi	295	152	47	18.24	1.82	0.18	0.73	0.91	0.18	0.18	10.21	1.82	1.64	0.55	18.24
24	Khansa	287	249	78	29.88	2.99	0.30	1.20	1.49	0.30	0.30	16.73	2.99	2.69	0.90	29.88
25	Kharabgarh	262	230	71	27.60	2.76	0.28	1.10	1.38	0.28	0.28	15.46	2.76	2.48	0.83	27.60
26	Khatauli	270	564	174	67.68	6.77	0.68	2.71	3.38	0.68	0.68	37.90	6.77	6.09	2.03	67.68
27	Lehala Jangir	310	152	47	18.24	1.82	0.18	0.73	0.91	0.18	0.18	10.21	1.82	1.64	0.55	18.24
28	Magar Sahib	292	306	95	36.72	3.67	0.37	1.47	1.84	0.37	0.37	20.56	3.67	3.30	1.10	36.72

29	Majra Kalan	250	200	62	24.00	2.40	0.24	0.96	1.20	0.24	0.24	13.44	2.40	2.16	0.72	24.00
30	Majra Khurd	248	158	49	18.96	1.90	0.19	0.76	0.95	0.19	0.19	10.62	1.90	1.71	0.57	18.96
31	Manak Dehar	246	307	95	36.84	3.68	0.37	1.47	1.84	0.37	0.37	20.63	3.68	3.32	1.11	36.84
32	Maqboolpur Bhaini	247	298	92	35.76	3.58	0.36	1.43	1.79	0.36	0.36	20.03	3.58	3.22	1.07	35.76
33	Mehmedpur Rurki	258	370	115	44.40	4.44	0.44	1.78	2.22	0.44	0.44	24.86	4.44	4.00	1.33	44.40
34	Mehtabgarh	283	360	112	43.20	4.32	0.43	1.73	2.16	0.43	0.43	24.19	4.32	3.89	1.30	43.20
35	Mohalgarh	289	442	137	53.04	5.30	0.53	2.12	2.65	0.53	0.53	29.70	5.30	4.77	1.59	53.04
36	Naraingarh w s	271	475	148	57.00	5.70	0.57	2.28	2.85	0.57	0.57	31.92	5.70	5.13	1.71	57.00
37	Ratta Khera	295	302	94	36.24	3.62	0.36	1.45	1.81	0.36	0.36	20.29	3.62	3.26	1.09	36.24
38	Rohar Jangir	266	450	140	54.00	5.40	0.54	2.16	2.70	0.54	0.54	30.24	5.40	4.86	1.62	54.00
39	Roshanpur	269	692	215	83.04	8.30	0.83	3.32	4.15	0.83	0.83	46.50	8.30	7.47	2.49	83.04
40	Sampuragarh /Asmanpur	281	276	86	33.12	3.31	0.33	1.32	1.66	0.33	0.33	18.55	3.31	2.98	0.99	33.12
41	Shanipur Tanda	290	226	70	27.12	2.71	0.27	1.08	1.36	0.27	0.27	15.19	2.71	2.44	0.81	27.12
42	Surmastipur urf Jalalabad	249	105	33	12.60	1.26	0.13	0.50	0.63	0.13	0.13	7.06	1.26	1.13	0.38	12.60
	Total		12636	3920	470.4	47.04	4.70	18.82	23.52	4.70	4.70	263.42	47.04	42.34	14.11	470.40

BASELINE SURVEY AT A GLANCE

BASE LINE SURVEY IN BRIEF

PROJECT	Patiala IWMP 1		
Total Geographical area of project in ha	12636		
Treatable area in ha	3920		
Wasteland area in ha	1947	Rainfed agricultural land in ha	0
Total cropped area in ha	22556	Net sown area in ha	11407
Total No. of water storage structures	63	Total no. of water extracting units	1619
Total storage capacity of water storage structures (cubic mts.)	189000		
No. of Households	5625		
SC Nos.	4788	ST	
Others Nos.	29565		
Total population in the project area	34353	No. of household of landless people	1093
Total no. of BPL households	1021		
No. of small farmers households	2056	No. of marginal farmers household	1901
Depth of ground water (mts) below ground level - Pre monsoon	30	Post monsoon	28
No. of person - days of seasonal migration	121500		

PHASING FOR 5 YEARS - COMPONENT WISE AT A GLANCE

PHASING FOR 5 YEARS BASED ON FUND RELEASE UNDER IWMP

Distribution of funds under following components under IWMP			1st Installment	2nd installment		3rd installment		Total for 5 years
Installments			20%	25%	25%	15%	15%	
Fund flow as per guidelines	Funds allocated		94.08	117.60	117.60	70.56	70.56	470.40
Name of Activity	%	Amount	2013-14	2014-15	2015-16	2016-17	2017-18	
			1st year	2nd year	3rd year	4th year	5th year	
ADMINISTRATION	10%		2%	2.70%	2.70%	1.30%	1.30%	
Break up		47.04	9.41	12.70	12.70	6.12	6.12	47.04
MONITORING	1%		0.20%	0.20%	0.20%	0.20%	0.20%	
Break up		4.70	0.94	0.94	0.94	0.94	0.94	4.70
EVALUATION	1%		0.30%	0.175%	0.175%	0.175%	0.175%	
Break up		4.70	1.41	0.82	0.82	0.82	0.82	4.70
ENTRY POINT ACTIVITY	4%		4%					
Break up		18.82	18.82					18.82
INSTITUTION AND CAPACITY BUILDING	5%		3%	0.75%	0.75%	0.25%	0.25%	
Break up		23.52	14.11	3.53	3.53	1.18	1.18	23.52
DETAILED PROJECT REPORT	1%		1%					
Break up		4.70	4.70					4.70
NATURAL RESOURCE MANAGEMENT	56%		7.50%	14.175%	14.175%	10.075%	10.075%	
Break up		263.42	35.28	66.68	66.68	47.39	47.39	263.42
FARM PRODUCTION SUPPORT SYSTEM	10%		1%	4.00%	4.00%	0.50%	0.50%	
Break up		47.04	4.70	18.82	18.82	2.35	2.35	47.04
LIVELIHOOD SUPPORT SYSTEM	9%		1%	3.00%	3.00%	1.00%	1.00%	
Break up		42.34	4.70	14.11	14.11	4.70	4.70	42.34
CONSOLIDATION PHASE	3%					1.50%	1.50%	
Break up		14.11				7.06	7.06	14.11
Total : breakup		470.40	94.08	117.60	117.60	70.56	70.56	470.40

BROADSHEET CUM ACTION PLAN FOR 5 YEARS UNDER IWMP

BROAD SHEET CUM ACTION PLAN

BROADSHEET CUM ACTION PLAN FOR ALL COMPONENTS UNDER IWMP

Name of PIA: DSCO, Patiala

NAME OF PROJECT

Patiala IWMP 1

TOTAL TREATABLE AREA in HA 3920

TOTAL PROJECT OUTLAY in
lacs

470.40

C O M P O N E N T S

				ADM IN	IB&C B	DP R	MONIT ORIN G.	EVA LU ATI ON	FPSS	LSS	CP	WORK S	EPA	TOTAL	
Sr. No.		Treatabl e area in ha	Projec t outlay in lacs	10%	5%	1%	1%	1%	10%	9%	3%	56%	4%	100%	
	TOTAL PROJECT OUTLAY in lacs		3920	470.40	47.04	23.52	4.70	4.70	4.70	47.04	42.34	14.11	263.42	18.82	470.40
	ACTION PLAN IS GIVEN BELOW:														
	Administration 10% (in lacs) Rs.47.04 lacs														
				2013-14		2014-15		2015-16		2016-17		2017-18		FOR 5 YEARS	
S.N o.	Component /Activity	Unit	1st Year		2nd Year	3rd Year		4th Year		5th year		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
A	MANAGEMENT COMPONENT														
	Administrative Cost:														
1	Pay to Watershed Development Team @ Rs.16000 per month/per member (Social mobilization)	Nos.	1	1.92	1	1.92	1	1.92	1	1.92	1	1.92	1	1.92	9.60

	Pay to Watershed Development Team @ Rs.21000 per month/per member (Water Management and Agriculture)		2	5.04	2	5.04	2	5.04	2	5.04	2	5.04	2	25.20
2	Desktop including accessories – printer etc.	Nos.	1	0.40										0.40
3	Hand held GPS device		1	0.50										0.50
4	One laptop for presentation and survey purpose	Nos.			1	0.40								0.40
5	Administration exp. Including office stationery and drawing material etc. @ Rs.5000 per month		12	0.60	12	0.60	12	0.60	12	0.60	12	0.60		3.00
6	POL, TA of PIA and staff @ Rs.5000 per month		12	0.60	12	0.60	12	0.60	12	0.60	12	0.60		3.00
7	Digital Camera Nos.1	Nos.	1	0.14										0.14
8	Furniture for Offices for Watershed Committees 42 WCs @ Rs.10000	Nos.	1	0.10	40	4.00	1	0.10					42	4.20
9	Internet connectivity for WDT leader @ Rs.1000 p.m			0.12		0.12		0.12		0.12		0.12		0.60
	Sub total for Administration			9.42		12.68		8.38		8.28		8.28		47.04
	Monitoring 1% Rs.4.70 lacs			0.94		0.94		0.94		0.94		0.94		4.70
	Evaluation 1% Rs.4.70 lacs			1.42		0.82		0.82		0.82		0.82		4.70
	Preparatory Phase													
	Entry Point Activity 4% Rs.18.82 lacs			18.82										18.82
	Institution and Capacity Building 5% Rs.23.52 lacs													
1	At SLNA Level: Orientation meet and exposure visit at Mohali for State and District level officers @ Rs.70000 per camp	Nos.	1	0.70	1	0.70							2	1.40

2	At WCDC Level: WDT members, WC members Exposure, Technical Training on planning, designing and estimation of Soil & Water Conservation structures, Social Management of Finance, Monitoring & Evaluation @ Rs.50000 per camps		2	1.00	1	0.50							3	1.50
2a	At WCDC Level: Watershed Level Secretaries, Volunteers: Awareness, Accounting procedures, books keeping etc. @ Rs.35000 per camp		4	1.40									4	1.40
2b	User groups from each village: NRM, Post Project Management etc. exposure visit @ Rs.44000 per exposure visit		3	1.32									3	1.32
3	At PIA Level:													
3a	Watershed Community: Awareness Generation camps at villages - Need and significance of watershed, basic concept, roles & responsibilities etc. @ Rs.15000 x 32 camps		15	2.25			17	2.55					32	4.80
3b	Cutting & Tailoring centres		14	4.20					1	0.30			15	4.50
3c	Self Help Groups: Basic Orientation				2	0.30	1	0.15	2	0.30			5	0.75
3d	Self Help Groups: Skill upgradation, Skill training @ Rs.44000 x 5 camps						2	0.88	1	0.44	2	0.88	5	2.20
3e	District and Sub Divisional Level officers: Exposure cum training to within or outside state to successful watersheds/institutes		1	1.03									1	1.03

3f	IEC - Wall painting, pamphlets etc. @ Rs.10000 x 42 villages		22	2.20	20	2.00							42	4.20
3g	Repainting of wall paintings @ Rs.1000 x 42 villages								12	0.12	30	0.30	42	0.42
	Sub total - IB & CB			14.10		3.50		3.58		1.16		1.18		23.52
	Preparation of Detailed Project Report 1% Rs.4.70 lacs	Nos.	1	4.70										4.70

B	WORKS PHASE-56% Rs.263.42 lacs	Unit	2013-14		2014-15		2015-16		2016-17		2017-18		Total for 5 years	
			1st year		2nd year		3rd year		4th year		5th year		Phy	Fin
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
1	Improvement in Irrigation System-UGPL - 225 mm dia	Mts.	1400	5.90									1400	5.90
	Convergence with MGNREGA			1.10										1.10
2	Improvement in Irrigation System-UGPL - 250 mm dia	Mts.			4500	18.95	3800	14.98	1000	5.00	1100	4.70	10400	43.63
	Convergence with MGNREGA					5.80		5.92		0.50		1.35		13.57
3	Improvement in Irrigation System-UGPL - 300 mm dia	Mts.	1000	5.44	4900	23.11	4550	24.76	2100	9.95	2750	16.53	15300	79.79
	Convergence with MGNREGA			1.56		8.43		7.09		3.50		2.72		23.30
	Cost sharing by beneficiaries					2.76				1.25				4.01
4	Improvement in Irrigation System-UGPL - 400 mm dia	Mts.			400	2.52	250	1.69	1100	8.64			1750	12.85
	Convergence with MGNREGA					1.30		1.85				0.70		3.85

5	Agronomic Conservation Practices (Laser levelling)	ha	119.7	5.98	147.25	7.36	116.50	5.82	126.00	6.30	120.4	6.02	629.85	31.48
6	Agronomic Conservation Practices (Application of Gypsum)	ha	69.50	3.47	61.40	3.07	69.20	3.46	63	3.15	26	1.30	289.10	14.45
7	Agronomic Conservation Practices (Chiseling)	ha	123	6.14	144.15	7.21	116.5	5.83	126.00	6.30	120.1	6.01	629.75	31.48
8	Open channel - Pucca for irrigation purpose	Mts.	150	2.63									150	2.63
	Water Resource Development Works													
9	Injection bores to deeper layers to promote recharge	Nos.	1	1.03	2	2.06	4	4.16	2	2.10	1	1.03	10	10.38
	Convergence with MGNREGA			0.04		0.08		0.08				0.04		0.24
10	Renovation of existing ponds/Digging of new pond	Nos.	1	4.64	1	2.22	4	5.84	2	6.00	4	12.13	12	30.83
	Convergence with MGNREGA			1.76		0.78		3.12		1.00		4.57		11.23
	Total Planning													
	IWMP funds			35.23		66.50		66.54		47.44		47.72		263.42
	Convergence with MGNREGA			4.46		16.39		18.06		5.00		9.38		53.29
	Cost sharing by beneficiaries			0.00		2.76		0.00		1.25		0.00		4.01
	Total Planning			39.69		85.65		84.60		53.69		57.10		320.72

Livelihood Support System for Landless Families (LSS) Rs.42.34 lacs (9%)			2013-14		2014-15		2015-16		2016-17		2017-18		FOR 5 YEARS	
i	Revolving Fund assistance @ Rs.25000 to SHGs for establishing IGAs-various activities	Nos .	3	0.75	7	1.75	8	2.00	12	3.00	12	3.00	42	10.50
ii	Revolving Fund assistance to youth/landless/women @ Rs.10000	Nos .	25	2.50	80	8.00	78	7.80	4	0.40	4	0.40	191	19.10
iii	Grant in Aid to SHGs. @ Rs.10000 per SHG	Nos .	3	0.30	7	0.70	8	0.80	12	1.20	12	1.20	42	4.20
iv	Grant in Aid to unemployed youth @ Rs.4470 per youth	Nos .	25	1.12	80	3.58	78	3.49	4	0.18	4	0.18	191	8.54
Sub-Total LHSS				4.67		14.03		14.09		4.78		4.78		42.33

Farm production system for land owning families (FPSS) Rs.47.04 lacs (10%)			2013-14		2014-15		2015-16		2016-17		2017-18		FOR 5 YEARS	
			1st year		2nd year		3rd year		4th year		5th year			
1	Demo Plots: Cost of Horticulture Plants on Panchayat Land and Private land –Ave. 1 ha each village – 156 plants on every ha. Farmers' share would go to WDF - 6552 plants	ha	3500	1.40	3052	1.22							6552	2.62
a)	Post care for 3 years -Plantation cost including excavation, fertilization, application of insecticides, pesticides, watering and cost of plants. Total cost for Post care Rs.100/- per plant	ha			1700	1.70	1700	1.70	1700	1.70	1452	1.45	6552	6.55

2	Demo Plots: Summer Maize Moong and Mash can be introduced as a third crop in Maize-wheat rotation. – seed kits supply of two kanals each – On an average Rs.9000 per village - Supply of Chloroparryphos-Termite control (Seed Treatment). Beneficiary share would go to WDF.	Nos.	4	0.36	14	1.26	18	1.62	4	0.36	2	0.18	42	3.78
3	Agro Forestry: Agro Forestry plants such as Neem, Tun, Colonel Eucalyptus, Fodder plants such as locally known as Dhamman, Su Babul, Mulberry, Sirin etc. on 60% from Project for individuals – Average Rs.9500 per village	Nos.	4	0.38	16	1.52	22	2.09					42	3.99
4	Demo plots for Aloe Vera - being diversification of crops – for 1 kanal each – 10 plots in each village x 42 villages (only supply of seeds) @ Rs.2000 per kanal 420 plots	Nos.	25	0.50	150	3.00	230	4.60			15	0.30	420	8.40
5	Soil Health Improvement - soil testing to find out the deficiency in nutrients etc.	Nos.	5	0.50	22	2.20	15	1.50					42	4.20
	ANIMAL HUSBANDRY AND DAIRY DEVELOPMENT	Nos.												
6	Awareness Camps: Topics relating to improvement of cattle health and Problems being faced due to prevalent diseases in the animals and low yield of milk. Distribution of free medicines, feed and vaccination for disease control and anti rabies for animals, supply of artificial semen through recognized agency, supply of fodder seeds etc – On an average Rs.10000 per camp.	Nos.	5	0.50	20	2.00	17	1.70					42	4.20

7	Potential for Horticulture: Supply of plants . Cultivation of fruits (Citrus (kinnoo, galgal), Guava, Amla). Turmeric and vegetables (especially onion and potatoes), Crops for irrigated as well non irrigated areas such as Lemon Grass etc.- On an average Rs.10000 per village. Beneficiary share would go to WDF.		4	0.40	20	2.00	18	1.80					42	4.20
8	Training on Bee keeping - 2 Units				2	0.30							2	0.30
	Other Activities													
9	Awareness camps: Training to farmers on Proven Technology @ Rs.15000 per camp		4	0.60	15	2.25	18	2.70	2	0.30	3	0.45	42	6.30
10	Vermi compost units - 2 units @ Rs.14500 per unit				2	0.29							2	0.29
11	Kitchen Garden: Supply of kits @ Rs.150 per kit - On an average 35 families per village.		45	0.07	720	1.08	705	1.06					1470	2.21
	Total			4.71		18.82		18.77		2.36		2.38		47.04

C	CONSOLIDATION PHASE-Rs.14.11 lacs (3%)	2013-14		2014-15		2015-16		2016-17		2017-18		FOR 5 YEARS
	Following Activities											
i	Managing/upgrading of all activities taken up under the project								0.70		0.71	1.41
ii	Preparation of project completion report								0.71		0.70	1.41
iii	Documentation of successful experiences								0.70		0.71	1.41
iv	Management of proper utilization of WDF								0.85		0.84	1.69
v	Mechanism for sustainability of interventions								0.70		0.71	1.41
vi	Watershed Activities								2.47		2.47	4.94
vi i	Training to stakeholders at NIRD or MANAGE, Hyderabad as per module mentioned in DPR								0.92		0.92	1.84
	CP-Total								7.05		7.06	14.11

TOTAL PARTICIPATORY PLANNING AT A GLANCE-PHASE WISE		2013-14	2014-15	2015-16	2016-17	2017-18	FOR 5 YEARS
A	MANAGEMENT COMPONENT	49.40	17.94	13.72	11.20	11.22	103.48
B	WORKS PHASE	49.07	118.50	117.46	60.83	64.27	410.11
C	CONSOLIDATION PHASE				7.05	7.06	14.11
	TOTAL OF ALL ABOVE COMPONENTS A+B+C	98.47	136.44	131.18	79.08	82.55	527.70
	IWMP FUNDS IN LACS	470.40					
	Convergence with MGNREGA	53.29					
	Cost sharing by beneficiaries	4.01					
	TOTAL PLANNING	527.70					

BUDGET FOR PROPOSED ACTIVITIES UNDER COMPONENT FOR ADMINISTRATION

PIA: DSCO, Patiala

Name of Project: Patiala IWMP 1

Project Outlay: 470.40

Administration

exp.10% 47.04

Sr. No.	Activity / Item	Nos.	Months	Unit cost	Amount (Rs. In lacs)
1	Pay to Watershed Development Team- Social mobilization	1	60	16000	9.60
	Pay to Watershed Development Team- I each for Agriculture and Water Management	2	60	21000	25.20
2	Desktop including accessories – Printer etc.	1		40000	0.40
3	Hand held GPS device	1		50000	0.50
4	One laptop	1		40000	0.40
5	Administration exp. Including office stationery and drawing material etc. @ Rs.5000 per month		60	5000	3.00
6	POL, TA of PIA & Staff @ Rs.5000 per month		60	5000	3.00
7	Digital Camera Nos.1	1		16000	0.14
8	Furniture for Offices for Watershed Committees	42		10000	4.20
9	Internet connectivity for WDT leader	1	60	1000	0.60
	Total				47.04

BUDGET FOR COMPONENT UNDER MONITORING

PIA:DSCO, Patiala

Name of Project: Patiala IWMP 1

Project outlay in lacs 470.4

Monitoring 1% in lacs 4.70

Phase	SLNA		WCDC		PIA		Total	
	%	Amount	%	Amount	%	Amount	%	Amount
Preparatory Phase	0.05	0.24	0.10	0.47	0.05	0.24	0.20	0.94
Works Phase	0.075	0.35	0.20	0.94	0.125	0.59	0.40	1.9
Consolidation Phase	0.075	0.35	0.20	0.94	0.125	0.59	0.4	1.88
Total		0.94		2.35		1.41		4.70

BUDGET FOR COMPONENT UNDER EVALUATION

PIA: DSCO, Patiala
 Name of Project: Patiala IWMP 1
 Project outlay in lacs 470.40
 Evaluation 1% - in lacs 4.70

EVALUATION

FUNDS UTILIZATION AT SLNA

	%	Amount	%	Amount
Preparatory Phase	0.3	1.41	0.2	0.94
Works Phase	0.35	1.65	0.4	1.88
Consolidation Phase	0.35	1.65	0.4	1.88
	1	4.70	1	4.70

BUDGET FOR PROPOSED ACTIVITIES UNDER COMPONENT FOR ENTRY POINT ACTIVITIES

Sr.No.	Name of village	Treatable area in ha	Total funds available in lacs @ Rs.12000 per ha	Funds for Entry Point Activity @ 4%	Proposed activity	Cost in lacs
1	Ahru Kalan	92	11.04	0.44	Repair of open channel meant for waste water disposal	0.44
2	Ahru Khurd	33	3.96	0.16	Repair of open channel meant for waste water disposal	0.16
3	Akbarpur Afgana	49	5.88	0.24	Renovation of Dharamshala	0.24
4	Alipur w Sahib	125	15	0.60	Open channel for waste water disposal	0.60
5	Aujhan	81	9.72	0.39	Flooring and cement benches at Crematorium	0.39
6	Bhagwanpur Jattan	67	8.04	0.32	Flooring of rooms at Dharamshala	0.32
7	Binjal	156	18.72	0.75	Water tanks, pipelines at both Shamshan Ghats and repair of shed at Shamshan Ghats	0.75
8	Bishan Nager	57	6.84	0.27	Repair of open channel for waste water disposal	0.27
9	Bivipur Khurd	78	9.36	0.37	Tanker for drinking water at school/school bathrooms	0.37
10	Budhmore	157	18.84	0.75	Submersible pump, taps at SC colony for drinking water purpose	0.75
11	Chaprahar	58	6.96	0.28	Cement benches at bus stand and arrangement of shed	0.28
12	Dhagrauli	85	10.2	0.41	Flooring at room and verandah at Aanganwari centre	0.41
13	Dudan Gujran	79	9.48	0.38	Submersible pump at Govt. Primary school for drinking water purpose	0.38

14	Dudan Sadhan	134	16.08	0.64	Submersible pump at Basti - Ward No.4 for drinking water purpose	0.64
15	Ganeshpur	94	11.28	0.45	Path construction on street leading to Shamshan Ghat	0.45
16	Gharam	248	29.76	1.19	RO System at Bus Stand. Extension of pipe line laid by Water works	1.19
17	Hajipur	75	9	0.36	RO system at Govt. school for drinking water for school children	0.36
18	Harigarh	51	6.12	0.24	Shed at Shamshan Ghat	0.24
19	Ibrahimpur	59	7.08	0.28	Repair of open channel	0.28
20	Isharheri	69	8.28	0.33	Repair of open channel and waste water disposal from Harijan colony	0.33
21	Jodhpur	65	7.8	0.31	Pucca path from Gurudwara building to school.	0.31
22	Kachwa	48	5.76	0.23	RO system at Govt. school for drinking water for school children	0.23
23	Kachwi	47	5.64	0.23	Extension of pipeline to village pond	0.23
24	Khansa	78	9.36	0.37	Repair of open channel from village firni	0.37
25	Kharabgarh	71	8.52	0.34	Cement benches at Gugamari temple	0.34
26	Khatauli	174	20.88	0.84	Flooring of panchayat ghat, renovation of boundary walls of panchayat ghar	0.84
27	Lehala Jangir	47	5.64	0.23	Pucca path to Dharamshala	0.23
28	Magar Sahib	95	11.4	0.46	60' feet gali construction from the house of Jagdish Ram to the house of Rampal.	0.46
29	Majra Kalan	62	7.44	0.30	Construction of boundary wall and barbed fencing at Shamshan Ghat	0.30
30	Majra Khurd	49	5.88	0.24	Water tank, pipelines at Shamshan Ghat and repair of gate pillars	0.24
31	Manak Dehar	95	11.4	0.46	Open channel for waste water disposal	0.46

32	Maqboolpur Bhaini	92	11.04	0.44	Repair of causeway over open channel for waste water disposal	0.44
33	Mehmedpur Rurki	115	13.8	0.55	Submersible pump at Shamshan Ghat	0.55
34	Mehtabgarh	112	13.44	0.54	Sewerage pipe line on main road for easy access to village	0.54
35	Mohalgarh	137	16.44	0.66	Cement benches at Shamshan Ghat	0.66
36	Naraingarh w s Wala	148	17.76	0.71	Boundary wall, flooring at Govt. School	0.71
37	Ratta Khera	94	11.28	0.45	RO system at Govt. High school for drinking water for school children	0.45
38	Rohar Jangir	140	16.8	0.67	Open channel for waste water disposal from village firni to the house of Karnail Singh	0.67
39	Roshanpur	215	25.8	1.03	Repair of open channel for waste water disposal	1.03
40	Sampuragarh /Asmanpur	86	10.32	0.41	Repair of open channel to village pond	0.41
41	Sanipur Tanda	70	8.4	0.34	Disposal of excess waste water from street through 6" dia RCC pipe	0.34
42	Surmastipur urf Jalalabad	33	3.96	0.16	Causeway (Nos.2) on path for easy access	0.16
	Total		470.4	18.82		18.82

**BUDGET FOR PROPOSED ACTIVITIES UNDER COMPONENT
FOR INSTITUTION AND CAPACITY BUILDING**

INSTITUTION AND CAPACITY BUILDING 5%

PIA: DSCO, Patiala

Name of Project: Patiala IWMP 1

Project Outlay in lacs: 470.40

IB & CB Budget @ 5% in lacs: 23.52

QUANTIFICATION OF FUND TO BE RETAINED AT EACH LEVEL UNDER IWMP

Level	%	Amount in figures
SLNA	0.30	1.41
WCDC	0.90	4.23
PIA	3.80	17.88
Total	5	23.52

No. of villages: 42

GROUP A: SLNA LEVEL

Sr.No.	Target Group	Training Topics	No. of days	Budget per camp	No. of camps	No. of participants	Total Value
1	State Level and District Level Officers involved in IWMP	Orientation meet at Mohali/Exposure visit	1	0.70	2	40	1.40
	Total						1.40

GROUP B: WCDC LEVEL

Sr.No.	Target Group	Training Topics	No. of days	Budget per camp	No. of camps	No. of participants	Total Value
1	WDT members, WC members	Exposure, Technical Training on planning, designing and estimating of soil & water Conservation structures, Social, Management of Finance, Monitoring & Evaluation	2	0.50	3	40	1.50
2	Watershed Level-Secretary, volunteers	Awareness, Accounting Procedures, books keeping etc.	2	0.35	4	40	1.40
3	User groups from each village	NRM, Post Project Management etc.- Exposure Visit	3	0.44	3	40	1.32
	Total						4.22

GROUP C: PIA LEVEL							
	Target Group	Training Topics	No. of days	Budget per camp	No. of camps	No. of participants	Total Value
1	Watershed Community	Need and significance of watershed, basic concept, roles & responsibilities etc.	1	0.15	32	50	4.80
2	Self Help Groups-village level -	Basic Orientation	1	0.15	5	35	0.75
3	Self Help Groups-village level	Skill up gradation, Skill Training in various income generation activities.	2	0.44	5	35	2.20
4	SHG women members	Cutting and Tailoring Centre	6 months	0.30	15	20/25	4.50
5	District and Sub divisional level officers	Exposure cum training to within or outside state to successful watersheds/institutes	1	1.03	1	25	1.03
	Total						13.28

GROUP C: PIA LEVEL**INFORMATION EDUCATION AND COMMUNICATION – IEC**

Sr.No.		Unit cost in lacs	No. of villages	Amount in lacs
1	Rural Resources –Wall painting – slogans, Exhibition, banner display during fairs and festivals, bulletin or public notice boards, drum beater, local entertainment artists-On the concept of IWMP-Community Participation	0.10	42	4.20
3	Misc. Repainting of wall paintings after two years @ Rs.3000 per village	0.01	42	0.42
Total				4.62

**BUDGET UNDER COMPONENT FOR PREPARATION OF
DETAILED PROJECT REPORT**

PIA:DSCO, Patiala			
Name of Project: Patiala IWMP 1			
Project outlay in lacs			470.40
DPR 1% in lacs			4.70
Phase	PIA		
	%	Amount	
Preparatory Phase	1	4.70	
Total		4.70	

AT A GLANCE
ABSTRACT OF TYPES OF NRM WORKS

**SUMMARY OF FUNDS AVAILABILITY AND NRM WORKS
IDENTIFIED AT VILLAGE LEVEL**

SUMMARY OF NRM WORKS

1	2	3	4	5	6	7
Sr.No.	Name of village	Total cost of NRM identified Works in lacs	Funds available under IWMP in lacs	Convergence with MGNREGA in lacs	Cost sharing by beneficiaries	Total funds available 4+5+6
1	Ahru Kalan	6.42	6.18	0.24	0.00	6.42
2	Ahru Khurd	3.00	2.22	0.78	0.00	3.00
3	Akbarpur Afgana	3.29	3.29	0.00	0.00	3.29
4	Alipur w Sahib	11.00	8.40	2.60	0.00	11.00
5	Aujhan	7.00	5.44	1.56	0.00	7.00
6	Bhagwanpur Jattan	4.50	4.50	0.00	0.00	4.50
7	Binjjal	10.48	10.48	0.00	0.00	10.48
8	Bishan Nager	3.83	3.83	0.00	0.00	3.83
9	Bivipur Khurd	8.02	5.24	2.78	0.00	8.02
10	Budhmore	13.75	10.55	3.20	0.00	13.75
11	Chaprahar	5.50	3.90	1.60	0.00	5.50
12	Dhagrauli	8.25	5.71	2.54	0.00	8.25
13	Dudan Gujran	5.40	5.31	0.09	0.00	5.40
14	Dudan Sadhan	14.00	9.00	5.00	0.00	14.00
15	Ganeshpur	7.70	6.32	1.38	0.00	7.70
16	Gharam	25.03	16.67	5.60	2.76	25.03
17	Hajipur	5.60	5.04	0.56	0.00	5.60
18	Harigarh	4.40	3.43	0.97	0.00	4.40
19	Ibrahimpur	4.90	3.96	0.94	0.00	4.90
20	Isharheri	6.40	4.64	1.76	0.00	6.40
21	Jodhpur	4.37	4.37	0.00	0.00	4.37
22	Kachwa	5.00	3.23	1.77	0.00	5.00
23	Kachwi	3.75	3.16	0.59	0.00	3.75
24	Khansa	6.35	5.24	1.11	0.00	6.35

25	Kharabgarh	4.77	4.77	0.00	0.00	4.77
26	Khatauli	12.27	11.69	0.58	0.00	12.27
27	Lehala Jangir	3.16	3.16	0.00	0.00	3.16
28	Magar Sahib	7.59	6.38	1.21	0.00	7.59
29	Majra Kalan	6.50	4.17	2.33	0.00	6.50
30	Majra Khurd	3.29	3.29	0.00	0.00	3.29
31	Manak Dehar	7.59	6.38	1.21	0.00	7.59
32	Maqboolpur Bhaini	7.18	6.18	1.00	0.00	7.18
33	Mehmedpur Rurki	8.05	7.73	0.32	0.00	8.05
34	Mehtabgarh	10.70	7.53	3.17	0.00	10.70
35	Mohalgarh	10.71	9.21	1.50	0.00	10.71
36	Naraingarh w s Wala	14.70	9.95	3.50	1.25	14.70
37	Ratta Khera	6.32	6.32	0.00	0.00	6.32
38	Rohar Jangir	9.41	9.41	0.00	0.00	9.41
39	Roshanpur	16.50	14.45	2.05	0.00	16.50
40	Sampuragarh /Asmanpur	5.78	5.78	0.00	0.00	5.78
41	Sanipur Tanda	6.05	4.70	1.35	0.00	6.05
42	Surmastipur urf Jalalabad	2.22	2.22	0.00	0.00	2.22
	Total	320.72	263.42	53.29	4.01	320.72

**BUDGET FOR VILLAGE WISE PROPOSED ACTIVITIES UNDER COMPONENT FOR
NATURAL RESOURCE MANAGEMENT**

Name of Project: Patiala IWMP 1

District: Patiala

1. Name of village: Ahru Kalan

Area Taken up for Treatment in ha:	92
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	11.04
Amount for works @ 56% of total outlay (in lacs)	6.18
Convergence with MGNREGA	0.24
Total estimated cost	6.42

Sr.No.	Name of Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Recharging of underground water strata	To install injection bores to deeper layers to promote recharge with 200 mm PVC blind pipe to a depth of 60 mts. details of the location for injection bore is given in abstract of NRM activities	6	Nos.	1.07	6.42	6.18	0.24
	Total					6.42	6.18	0.24

Note: Cost of earth work to be met from Convergence with MGNREGA

Name of Project: Patiala IWMP 1

District: Patiala

2. Name of village: Ahru Khurd

Area Taken up for Treatment in ha:	33
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	3.96
Amount for works @ 56% of total outlay (in lacs)	2.22
Convergence with MGNREGA	0.78
Total estimated cost	3.00

Sr.No.	Name of Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Water harvesting structure-renovated	Deepening of pond and strengthening of its bunds/embankment	1	Nos.	3.00	3.00	2.22	0.78
	Total					3.00	2.22	0.78

Note: Cost of earth work to be met from Convergence with MGNREGA

Name of Project: Patiala IWMP 1

District: Patiala

3. Name of village: Akbarpur Afgana

Area Taken up for Treatment in ha:	49
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	5.88
Amount for works @ 56% of total outlay (in lacs)	3.29
Convergence with MGNREGA	
Total estimated cost	3.29

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Soil Moisture conservation activity	Chiseling to break the hard pan and to promote infiltration of irrigation water	33	ha	5000	1.65	1.65	0.00
		Laser levelling for efficient irrigation	32.7	ha	5000	1.64	1.64	0
	Total					3.29	3.29	

Name of Project: Patiala IWMP 1

District: Patiala

4. Name of village: Alipur W Sahib

Area Taken up for Treatment in ha:	125
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	15.00
Amount for works @ 56% of total outlay (in lacs)	8.40
Convergence with MGNREGA	2.60
Total estimated cost	11.00

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Soil Moisture conservation activity	To layout underground pipeline from Dangri Nadi for the irrigation of arable land - length of pipeline 2000 mts - dia of RCC pipe 250 mm	2000	mts.	550	11.00	8.40	2.60
	Total					11.00	8.40	2.60

Note: Cost of earth work to be met from Convergence with MGNREGA

Name of Project: Patiala IWMP 1

District: Patiala

5. Name of village: Aujhan

Area Taken up for Treatment in ha:	81
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	9.72
Amount for works @ 56% of total outlay (in lacs)	5.44
Convergence with MGNREGA	1.56
Total estimated cost	7.00

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land development with field drainage	To layout underground pipeline for draining out excess water starting from the land of Avtar Singh to Dangri Nadi - length 1000 mts. dia 300 mm with screening haudi and manholes	1000	mts.	700	7.00	5.44	1.56
	Total					7.00	5.44	1.56

Note: Cost of earth work to be met from Convergence with MGNREGA

Name of Project: Patiala IWMP 1

District: Patiala

6. Name of village: Bhagwanpur Jattan

Area Taken up for Treatment in ha:	67
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	8.04
Amount for works @ 56% of total outlay (in lacs)	4.50
Convergence with MGNREGA	
Total estimated cost	4.50

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land development with reclamation	Chiseling for breaking of hard pan	30	ha	5000	1.50	1.50	
		Laser levelling	30	ha	5000	1.50	1.50	
		Application of Gypsum	30	ha	5000	1.50	1.50	
	Total					4.50	4.50	

Name of Project: Patiala IWMP 1

District: Patiala

7. Name of village: Binjal

Area Taken up for Treatment in ha:	156
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	18.72
Amount for works @ 56% of total outlay (in lacs)	10.48
Convergence with MGNREGA	
Total estimated cost	10.48

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with reclamation	Chiseling for breaking of hard pan	70	ha	5000	3.50	3.50	
		Laser levelling	70	ha	5000	3.50	3.50	
		Application of Gypsum	69.5	ha	5000	3.48	3.48	
	Total					10.48	10.48	

Name of Project: Patiala IWMP 1

District: Patiala

8. Name of village: Bishan Nagar

Area Taken up for Treatment in ha:	57
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	6.84
Amount for works @ 56% of total outlay (in lacs)	3.83
Convergence with MGNREGA	
Total estimated cost	3.83

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with reclamation	Chiselling for breaking of hard pan	38.25	ha	5000	1.91	1.91	
		Laser levelling	38.25	ha	5000	1.91	1.91	
	Total					3.83	3.83	

Name of Project: Patiala IWMP 1

District: Patiala

9. Name of village: Bivipur Khurd

Area Taken up for Treatment in ha:	78
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	9.36
Amount for works @ 56% of total outlay (in lacs)	5.24
Convergence with MGNREGA	2.78
Total estimated cost	8.02

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with field drainage	To lay out underground pipeline for draining out localized flood water in arable land from Jasui minor to Dangri Nadi-RD 0 to 600 with 300 mm dia RCC pipe,	600	mts	700	4.20	2.75	1.45
		From RD 600 to 1000 with 400 mm dia of RCC pipe with screening inlets haudis and manholes	400	mts	954	3.82	2.49	1.33
	Total					8.02	5.24	2.78

Note: 2.78 lacs convergence with MGNREGA for earth work for digging trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

10. Name of village: Budhmore

Area Taken up for Treatment in ha:	157
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	18.84
Amount for works @ 56% of total outlay (in lacs)	10.55
Convergence with MGNREGA	3.20
Total estimated cost	13.75

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development and soil Moisture conservation	To lay out underground pipeline for draining with 250 mm RCC pipe from Markanda Nadi to Dangri Nadi for draining out excess rain water during rainy season from arable land and to lift irrigation water from these rivers for irrigation during dry period.	2500	mts	550	13.75	10.55	3.20
	Total					13.75	10.55	3.20

Note: Rs.3.20 lacs convergence with MGNREGA - Digging out trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

11. Name of village: Chaparhar

Area Taken up for Treatment in ha:	58
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	6.96
Amount for works @ 56% of total outlay (in lacs)	3.90
Convergence with MGNREGA	1.60
Total estimated cost	5.50

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with field drainage	To lay out underground pipeline for draining with 250 mm dia RCC pipe from pond to Adalati Wala drain with screening haudi and manholes	1000	mts	550	5.50	3.90	1.60
	Total					5.50	3.90	1.60

Note: Rs.1.60 lacs convergence with MGNREGA - Digging out trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

12. Name of village: Dhagrauli

Area Taken up for Treatment in ha:	85
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	10.20
Amount for works @ 56% of total outlay (in lacs)	5.71
Convergence with MGNREGA	2.54
Total estimated cost	8.25

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Soil Moisture conservation	To lay out underground pipeline from pond to Arable Land with 250 mm dia RCC pipe. Line No.1: 750 mts. Line No.2: 750 mts.	1500	mts	550	8.25	5.71	2.54
	Total					8.25	5.71	2.54

Note: Rs.2.54 lacs convergence with MGNREGA - Digging out trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

13. Name of village: Dudan Gujran

Area Taken up for Treatment in ha:	79
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	9.48
Amount for works @ 56% of total outlay (in lacs)	5.31
Convergence with MGNREGA	0.10
Total estimated cost	5.41

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Water Harvest structure - Renovation of pond	To construct cattle ghat in pond - length 6 mts, breadth 5 mts, with side walls - 14 mts cum	14	cum	4000	0.56	0.56	0.10
		To construct side wall of pond alog phirni - length 10 mts, bottom width 0.90 mts., top width 0.35 mts., height 2 mts, depth of foundation 0.60 mts,	20	cum	4000	0.80	0.80	
2	Land Development with reclamation of Sodic soil	Chiselling to break hard pan for infiltration of water	27	ha	5000	1.35	1.35	
		Laser levelling for efficient irrigation	27	ha	5000	1.35	1.35	
		Application of Gypsum	27	ha	5000	1.35	1.35	
	Total					5.41	5.31	0.10

Note: Rs.0.10 lacs convergence with MGNREGA - foundation for structure - cattle ghat and side wall

Name of Project: Patiala IWMP 1

District: Patiala

14. Name of village: Dudan Sadhan

Area Taken up for Treatment in ha:	134
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	16.08
Amount for works @ 56% of total outlay (in lacs)	9.00
Convergence with MGNREGA	5.00
Total estimated cost	14.00

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land development with field drainage	To lay out underground pipe line from culvert on road to Dudhan Gujran to drain out in drain near village near Dudhan Gujran with screening inlet haudi and manholes - dia 300 mm of RCC pipes	2000	mts.	700	14.00	9.00	5.00
	Total					14.00	9.00	5.00

Note: Rs.5.00 lacs convergence with MGNREGA -digging of trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

15. Name of village: Ganeshpur

Area Taken up for Treatment in ha:	94
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	11.28
Amount for works @ 56% of total outlay (in lacs)	6.32
Convergence with MGNREGA	1.38
Total estimated cost	7.70

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land development with field drainage	To lay out underground pipe line with screening inlet haudi and manholes - dia 300 mm of RCC pipes	1100	mts.	700	7.70	6.32	1.38
	Total					7.70	6.32	1.38

Note: Rs.1.38 lacs convergence with MGNREGA - digging of trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

16. Name of village: Gharam

Area Taken up for Treatment in ha:	248
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	29.76
Amount for works @ 56% of total outlay (in lacs)	16.67
Convergence with MGNREGA	5.60
Cost sharing by beneficiaries	2.76
Total estimated cost	25.03

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Engineering structure for disposal of excess water from Arable land to Ghaggar Nadi	1a) Extension of existing open channel up to Gharam minor - inner bottom width of open channel 0.45 m, total depth 0.45 m, thickness of wall 0.23 m-length 150 mts.	150	mts.	1750	2.63	2.63	
		1b) Laying out of RCC pipes from Gharam minor to Ghaggar Nadi with 300 mm dia	3200	mts.	700	22.40	22.40	5.60
	Total					25.03	16.67	8.36

Gap of 8.36 lacs to be met as under:

1. Convergence with MGNREGA for digging and refilling of trench (Ref.Sr.No.1b) - 25% labour of Rs.22.40 = Rs.5.60 lacs 5.60 lacs
2. Cost sharing by beneficiaries as assured by them: 2.76 lacs

Name of Project: Patiala IWMP 1

District: Patiala

17. Name of village: Hajipur

Area Taken up for Treatment in ha:	75
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	9.00
Amount for works @ 56% of total outlay (in lacs)	5.04
Convergence with MGNREGA	0.56
Total estimated cost	5.60

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land development with field drainage	To lay out underground pipe line with screening inlet haudi and manholes - dia 300 mm of RCC pipes	800	mts.	700	5.60	5.04	0.56
	Total					5.60	5.04	0.56

Note: Rs.0.56 lacs convergence with MGNREGA - digging of trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

18. Name of village: Harigarh

Area Taken up for Treatment in ha:	51
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	6.12
Amount for works @ 56% of total outlay (in lacs)	3.43
Convergence with MGNREGA	0.97
Total estimated cost	4.40

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Soil Moisture Conservation for efficient irrigation	To lay out underground pipe line with from Dangri Nadi to village pond to store water for further irrigation - Dia 250 mm of RCC pipe	800	mts.	550	4.40	3.43	0.97
	Total					4.40	3.43	0.97

Note: Rs.0.97 lacs convergence with MGNREGA - digging of trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

19. Name of village: Ibrahimpur

Area Taken up for Treatment in ha:	59
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	7.08
Amount for works @ 56% of total outlay (in lacs)	3.96
Convergence with MGNREGA	0.94
Total estimated cost	4.90

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/nos./length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with field drainage	To lay out underground pipe line 300 mm dia RCC pipe to drain out excess rain water in Adalat Wala Drain as under: 1. From pond No.1 upto drain - 300 mts 2. From Pond No.2 upto drain -	700	mts.	700	4.90	3.96	0.94
	Total					4.90	3.96	0.94

Note: Rs.0.94 lacs convergence with MGNREGA - digging of trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

20. Name of village: Jodhpur

Area Taken up for Treatment in ha:	65
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	7.80
Amount for works @ 56% of total outlay (in lacs)	4.37
Convergence with MGNREGA	0.00
Total estimated cost	4.37

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with Chiselling and Laser Levelling for efficient irrigation	Chiselling to break hard pan for infiltration of water	43.4	ha	5000	2.17	4.37	
		Laser levelling for efficient irrigation	44	ha	5000	2.20		
	Total					4.37	4.37	0.00

21. Name of village: Isharheri

Area Taken up for Treatment in ha:	69
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	8.28
Amount for works @ 56% of total outlay (in lacs)	4.64
Convergence with MGNREGA	1.76
Total estimated cost	6.40

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Water Harvest Structure - Renovation of pond	To construct retaining wall along north eastern direction of pond - length 70 mts. top width 0.35 mts., bottom width 0.90 mts. height 2.5 mts., depth of foundation 0.60 mts.	160	cum	4000	6.40	4.64	1.76
	Total					6.40	4.64	1.76

Note: Rs.1.76 lacs convergence with MGNREGA - earth work and rehandling of material by manual labour

Name of Project: Patiala IWMP 1

District: Patiala

22. Name of village: Kachwa

Area Taken up for Treatment in ha:	48
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	5.76
Amount for works @ 56% of total outlay (in lacs)	3.23
Convergence with MGNREGA	1.77
Total estimated cost	5.00

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Water Harvest Structure - New pond	To dug out new pond - length 30 mts, breadth 30 mts, depth 2 mts. with inlet and outlet structure	1	Nos.	Lumpsum	2.00	0.50	1.50
2	Engineering structure (UGPL)	To lay out underground pipeline with 225 mm dia of RCC pipe to convey excess waste water to pond	600	mts.	500	3.00	2.73	0.27
	Total					5.00	3.23	1.77

Note: Convergence of Rs.1.77 lacs with MGNREGA - Digging out new pond and earth work of pipeline

Name of Project: Patiala IWMP 1

District: Patiala

23. Name of village: Kachwi

Area Taken up for Treatment in ha:	47
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	5.64
Amount for works @ 56% of total outlay (in lacs)	3.16
Convergence with MGNREGA	0.59
Total estimated cost	3.75

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Engineering structure (UGPL)	To lay out underground pipeline from village pond to convey excess water from Arable land to natural drain with 300 mm dia of RCC pipe	250	Nos.	700	1.75	1.16	0.59
2	Land Development with Chiselling and Laser Levelling	Chiselling to break hard pan for better infiltration of water	20	ha	5000	1.00	1.00	
		Laser Levelling for efficient irrigation	20	ha	5000	1.00	1.00	
	Total					3.75	3.16	0.59

Note: Convergence of Rs.0.59 lacs with MGNREGA - Digging and refilling of trench

Name of Project: Patiala IWMP 1

District: Patiala

24. Name of village: Khansa

Area Taken up for Treatment in ha:	78
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	9.36
Amount for works @ 56% of total outlay (in lacs)	5.24
Convergence with MGNREGA	1.11
Total estimated cost	6.35

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Water Harvest Structure - Renovation of pond	Construction of 1 side wall along path - length 42 mts, Top width 0.35 mts, bottom width 0.90 mts, depth of foundation 0.70 mts, height above ground level 2 mts,.	90	cum	4000	3.60	3.30	0.30
2	Soil Moisture Conservation	To layout underground pipeline for irrigation purpose by lifting water from Dangri Nadi with 250 mm dia of RCC pipe for irrigation of common panchayat land. Lifting arrangement will be made by Gram Panchayat	500	mts	550	2.75	1.94	0.81
	Total					6.35	5.24	1.11

Note: Convergence of Rs.1.11 lacs with MGNREGA - Digging and refilling of trench and earth work of foundation of retaining wall

Name of Project: Patiala IWMP 1

District: Patiala

25. Name of village: Kharabgarh

Area Taken up for Treatment in ha:	71
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	8.52
Amount for works @ 56% of total outlay (in lacs)	4.77
Convergence with MGNREGA	0.00
Total estimated cost	4.77

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development - Reclamation of Sodic Soils	Chiselling to break hard pan for better infiltration of water	32	ha	5000	1.60	1.60	
		Laser Levelling	32	ha	5000	1.60	1.60	
		Application of Gypsum	31.4	ha	5000	1.57	1.57	
	Total					4.77	4.77	

Name of Project: Patiala IWMP 1

District: Patiala

26. Name of village: Khatauli

Area Taken up for Treatment in ha:	174
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	20.88
Amount for works @ 56% of total outlay (in lacs)	11.69
Convergence with MGNREGA	0.58
Total estimated cost	12.27

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/ Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with field drainage	Layout of underground pipeline from the land of Baaj Singh, Mahender Singh near culvert to Chhoti Dangri to drain out localized flooding of arable land-dia 400 mmo RCC pipe	500	mts	954	4.77	4.42	0.35
		Layout of underground pipeline from pond to Chhoti Dangri - Dia 300 mm of RCC pipe	500	mts	700	3.50	3.27	0.23
		Both above pipe lines to be supported with sediments, trapping of the manholes						
2	Water Harvest Structure - Renovation of pond	To construct cattle ramp and 30 mts. long retaining wall - top width 0.35 mts, bottom width 0.90 mts, depth of foundation 0.70 mts, height of retaining wall above bed of pond	100	cum	4000	4.00	4.00	
	Total					12.27	11.69	0.58

Note: Convergence of Rs.0.58 lacs with MGNREGA - Digging and refilling of trench

Name of Project: Patiala IWMP 1

District: Patiala

27. Name of village: Lehala Jangir

Area Taken up for Treatment in ha:	47
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	5.64
Amount for works @ 56% of total outlay (in lacs)	3.16
Convergence with MGNREGA	0.00
Total estimated cost	3.16

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development	Chiselling to break hard pan for easy infiltration of water	31.6	ha	5000	1.58	1.58	
		Laser Levelling for efficient irrigation	31.6	ha	5000	1.58	1.58	
	Total					3.16	3.16	

Name of Project: Patiala IWMP 1

District: Patiala

28. Name of village: Magar Sahib

Area Taken up for Treatment in ha:	95
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	11.40
Amount for works @ 56% of total outlay (in lacs)	6.38
Convergence with MGNREGA	1.22
Total estimated cost	7.60

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Water Harvest Structure - Renovation of pond	To renovate existing pond having length 40 mts, breadth 30 mts, depth 1.5 mts, Only earth work	1	cum	Lumpsum	2.00	0.78	1.22
2	Engineering structures	To convey waste water to pond through underground pipe line from culvert in Khare Wali Gali upto Hospital and further extend it to newly renovated pond in grain market - dia 300 mm of RCC pipe	800	mts	700	5.60	5.60	
	Total					7.60	6.38	1.22

Note: 1.22 lacs to be converged with MGNREGA - Earth work

Name of Project: Patiala IWMP 1

District: Patiala

29. Name of village: Majra Kalan

Area Taken up for Treatment in ha:	62
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	7.44
Amount for works @ 56% of total outlay (in lacs)	4.17
Convergence with MGNREGA	2.33
Total estimated cost	6.50

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Water Harvest Structure - Renovation of pond	Earth work for deepening of pond - 50x40x1.5 mts. with inlet and outlet structures	1	cum	Lump sum	2.50	1.00	1.50
2	Soil Moisture Conservation	To layout underground pipeline for irrigation from pond to adjoining arable land- 225 mm dia of RCC pipe	800	mts	500	4.00	3.17	0.83
	Total					6.50	4.17	2.33

Note: 2.33 lacs to be converged with MGNREGA - Earth work of pond and earth work for trench - UGPL.

Name of Project: Patiala IWMP 1

District: Patiala

30. Name of village: Majra Khurd urf Pathan Majra

Area Taken up for Treatment in ha:	49
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	5.88
Amount for works @ 56% of total outlay (in lacs)	3.29
Convergence with MGNREGA	0.00
Total estimated cost	3.29

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with Chiselling and Laser Levelling	Chieselling to break hard pan for easy infiltration of water	32.9	ha	5000	1.65	1.65	
		Laser levelling for efficient irrigation	32.9	mts	5000	1.65	1.65	
	Total					3.29	3.29	

Name of Project: Patiala IWMP 1

District: Patiala

31. Name of village: Manak Dehar urf Nandgarh

Area Taken up for Treatment in ha:	95
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	11.40
Amount for works @ 56% of total outlay (in lacs)	6.38
Convergence with MGNREGA	1.22
Total estimated cost	7.60

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Water Harvest Structure - Renovation of pond	<p>1. Construction of 3 retaining walls of pond - Side wall No.1: 55 mts., Side wall No.2: 74 mtrs, (Total length 119 mts.)Top width 0.23 mts, bottom width 0.60 mts., depth of foundation 0.70 mts., height above bed 2 mts. With spacing under foundation of 0.10 cms on each side.</p> <p>2. Cattle Ghat - length 6 mts, width 5 mts, Total volume 190 cum</p>	190	cum	4000	7.60	6.38	1.22
	Total					7.60	6.38	1.22

Note: 1.22 lacs to be converged with MGNREGA - Earth work for excavation of foundation of side walls, Cattle Ghat and side carriage of material

Name of Project: Patiala IWMP 1

District: Patiala

32. Name of village: Maqboolpur Bhaini

Area Taken up for Treatment in ha:	92
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	11.04
Amount for works @ 56% of total outlay (in lacs)	6.18
Convergence with MGNREGA	1.00
Total estimated cost	7.18

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/ Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with field drainage	Underground pipe line from village drain to pond - dia of 400 mm of RCC pipe	250	mts	954	2.39	1.69	0.70
		Laser levelling for efficient irrigation	11.8	ha	5000	0.60	0.60	
		Chiseling to break hard pan for easy infiltration	11.9	ha	5000	0.60	0.60	
2	Water Harvest Structure-Renovation of pond	1. Construction of retaining wall of pond - length 18 mts, top width 0.35 mts, bottom width 0.90 mts, depth of foundation 0.70 mts, height above bed 3 mts. Total cum 49 2. Construction of partition wall in pond - length 18 mts. top width 0.50 mts, bottom width 0.90 mts, height 2 mts. depth of foundation 0.70 mts, height above bed 2 mts. Total cum 41	90	cum	4000	3.60	3.30	0.30
	Total					7.18	6.18	1.00

Note: Convergence of 1.00 lac for earth work for pond and digging of trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

33. Name of village: Mehmampur Rurki

Area Taken up for Treatment in ha:	115
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	13.80
Amount for works @ 56% of total outlay (in lacs)	7.73
Convergence with MGNREGA	0.32
Total estimated cost	8.05

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Engineering structures	Laying of UGPL for drainage of excess water to Markanda drain to protect arable land dia of 300 mm of RCC pipe	1150	mts	700	8.05	7.73	0.32
	Total					8.05	7.73	0.32

Note: 0.32 lacs to be converged with MGNREGA - Earth work for digging trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

34. Name of village: Mehtabgarh

Area Taken up for Treatment in ha:	112
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	13.44
Amount for works @ 56% of total outlay (in lacs)	7.53
Convergence with MGNREGA	3.17
Total estimated cost	10.70

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Engineering structures	1. To construct open channel from old existing channel upto culvert on main road - bottom width 0.60 mts, total depth 0.35 mts, thickness of walls 0.23 mts, length 250 mts. 2. Construction of open channel of same size as in No.1 - length 50 mts.	300	mts	1000	3.00	7.53	3.17
		3. To lay out UGPL of 300 mm dia from culvert to village pond with screening haudi at the start of pipeline and manholes after every 200 mts.	1100	mts	700	7.70		
	Total					10.70	7.53	3.17

Note: Digging of trench and refilling, L sections for UGPL and open channel may be taken while preparing detailed estimates with dumpy level

Name of Project: Patiala IWMP 1

District: Patiala

35. Name of village: Mohalgarh

Area Taken up for Treatment in ha:	137
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	16.44
Amount for works @ 56% of total outlay (in lacs)	9.21
Convergence with MGNREGA	1.50
Total estimated cost	10.71

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development	To lay out underground pipeline starting from school to Dangri Nadi-dia 400 mm of RCC pipe	600	mts	954	5.72	4.22	1.50
		Laser levelling for efficient irrigation	49.8	ha	5000	2.49	2.49	
		Chiselling to break hard pan for easy infiltration	50	ha	5000	2.50	2.50	
	Total					10.71	9.21	1.50

Note: 1.50 lacs to be converged with MGNREGA - Earth work for digging of trench and refilling

Name of Project: Patiala IWMP 1

District: Patiala

36. Name of village: Naraingarh ws

Area Taken up for Treatment in ha:	148
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	17.76
Amount for works @ 56% of total outlay (in lacs)	9.95
Convergence with MGNREGA	3.50
Total estimated cost	13.45

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Cost sharing by farmers	Convergence in lacs
1	Land Development with field drainage for excess water disposal for protection of arable land	Layout of UGPL with 300 mm dia of RCC pipe. 1. From Pond in Dera Barahwala to Adalati Wala drain - 1500 mts. 2. From pond near village school to Adalati Wala Drain with 300 mm dia of RCC pipe - 600 mts.	2100	mts.	700	14.70	9.95	1.25	3.50
	Total					14.70	9.95	1.25	3.50

Note: Convergence and cost sharing by farmers to be utilized for digging of trench and refilling

Convergence with MGNREGA	3.50
Cost sharing by beneficiaries	1.25

Name of Project: Patiala IWMP 1

District: Patiala

37. Name of village: Ratta Khera

Area Taken up for Treatment in ha:

94

Unit Cost per ha in lacs

0.12

Total Amount earmarked for this village in lacs

11.28

Amount for works @ 56% of total outlay (in lacs)

6.32

Convergence with MGNREGA

0.00

Total estimated cost

6.32

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with reclamation of Sodic Alkaline soil	Chiselling to break hard pan for easy infiltration	42.2	ha	5000	2.11	2.11	
		Laser Levelling for efficient irrigation	42.2	ha	5000	2.11	2.11	
		Application of Gypsum	42	ha	5000	2.10	2.10	
	Total					6.32	6.32	

Name of Project: Patiala IWMP 1

District: Patiala

38. Name of village: Rohar Jangir

Area Taken up for Treatment in ha:	140
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	16.80
Amount for works @ 56% of total outlay (in lacs)	9.41
Convergence with MGNREGA	0.00
Total estimated cost	9.41

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with reclamation of Sodic Alkaline soil	Chiseling to break hard pan for easy infiltration	62.5	ha	5000	3.13	3.13	
		Laser Levelling for efficient irrigation	62.6	ha	5000	3.13	3.13	
		Application of Gypsum	63	ha	5000	3.15	3.15	
	Total					9.41	9.41	

Name of Project: Patiala IWMP 1

District: Patiala

39. Name of village: Roshanpur urf Balongi

Area Taken up for Treatment in ha:	215
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	25.80
Amount for works @ 56% of total outlay (in lacs)	14.45
Convergence with MGNREGA	2.05
Total estimated cost	16.50

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Water Harvest Structure - Renovation of pond	Deepening of ponds and strengthening of bunds	1	cum	Lump sum	3.00	1.45	1.55
2	Soil Moisture Conservation	To lay out of UGPL from pond to Jansui Minor for irrigation with 250 mm dia of RCC pipe	1000	mts	550	5.50	5.00	0.50
3	Recharging of rain water into deeper layers of sub soil	To install injection bores with 225 mm dia pipes of RCC up to depth of 70 to 80 mts. at common land and individual farmers	4	Nos.	1.05	4.20	4.20	
4	Land Development with reclamation of Sodic Alkaline soil	Chiseling to break hard pan for easy infiltration	25	ha	5000	1.25	1.25	
		Laser Levelling for efficient irrigation	25	ha	5000	1.25	1.25	
		Application of Gypsum	26	ha	5000	1.30	1.30	
	Total					16.50	14.45	2.05

Name of Project: Patiala IWMP 1

District: Patiala

40. Name of village: Sampurangarh/Asmanpur

Area Taken up for Treatment in ha:	86
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	10.32
Amount for works @ 56% of total outlay (in lacs)	5.78
Convergence with MGNREGA	0.00
Total estimated cost	5.78

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development with reclamation of Sodic Alkaline soil	Chiselling to break hard pan for easy infiltration	57.8	ha	5000	2.89	2.89	
		Laser Levelling for efficient irrigation	57.8	ha	5000	2.89	2.89	
	Total					5.78	5.78	

Name of Project: Patiala IWMP 1

District: Patiala

41. Name of village: Sanipur Tanda

Area Taken up for Treatment in ha:	70
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	8.40
Amount for works @ 56% of total outlay (in lacs)	4.70
Convergence with MGNREGA	1.35
Total estimated cost	6.05

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Engineering structures	To layout UGPL from pond to drain - dia 250 mm of RCC pipe out of arable land. Pipeline to laid along link road	1100	mts	550	6.05	4.70	1.35
	Total					6.05	4.70	1.35

Note: Digging of trench and refilling - convergence of Rs.1.35 lacs

Name of Project: Patiala IWMP 1

District: Patiala

42. Name of village: Surmastipur urf Jalalabad

Area Taken up for Treatment in ha:	33
Unit Cost per ha in lacs	0.12
Total Amount earmarked for this village in lacs	3.96
Amount for works @ 56% of total outlay (in lacs)	2.22
Convergence with MGNREGA	0.00
Total estimated cost	2.22

Sr.No.	Name of main Activity	Name of sub activity	Proposed quantity/Nos./ /length	Unit	Rate per unit in lacs	Total amount in lacs	IWMP funds in lacs	Convergence in lacs
1	Land Development	Chiseling to break hard pan for easy infiltration of water	22.2	ha	5000	1.11	1.11	
		Laser levelling for efficient irrigation	22.2	ha	5000	1.11	1.11	
	Total					2.22	2.22	

BUDGET FOR LIVELIHOOD SUPPORT SYSTEM

LIVELIHOOD SUPPORT SYSTEM 9 %

Project outlay	470.4
LSS 9%	42.34
30% Grant in aid	12.70
Revolving fund assistance	29.64

70% RFA

29.60

Sr.No.	Name of Village	No. of SHGs in village	Amount of RFA per SHG in lacs	Total in lacs	No. of unemployed youth	Amount of RFA per individual in lacs	Total in lacs
1	Ahru Kalan	1	0.25	0.25	4	0.10	0.40
2	Ahru Khurd	1	0.25	0.25	4	0.10	0.40
3	Akbarpur Afgana	1	0.25	0.25	4	0.10	0.40
4	Aujhan	1	0.25	0.25	4	0.10	0.40
5	Alipur w Sahib	1	0.25	0.25	4	0.10	0.38
6	Bhagwan Jattan	1	0.25	0.25	4	0.10	0.38
7	Binjjal	1	0.25	0.25	4	0.10	0.40
8	Bishan Nagar	1	0.25	0.25	4	0.10	0.40
9	Bivipur Khurd	1	0.25	0.25	4	0.10	0.40
10	Budhmore	1	0.25	0.25	5	0.10	0.50
11	Chaprahar	1	0.25	0.25	5	0.10	0.50

12	Dhagrauli	1	0.25	0.25	5	0.10	0.50
13	Dudan Gujran	1	0.25	0.25	5	0.10	0.50
14	Dudan Sudan	1	0.25	0.25	4	0.10	0.40
15	Ganeshpur	1	0.25	0.25	5	0.10	0.50
16	Gharam	1	0.25	0.25	6	0.10	0.60
17	Hajipur	1	0.25	0.25	4	0.10	0.40
18	Harigarh	1	0.25	0.25	4	0.10	0.40
19	Ibrahimpur	1	0.25	0.25	4	0.10	0.40
20	Isharheri	1	0.25	0.25	4	0.10	0.40
21	Jodhpur	1	0.25	0.25	5	0.10	0.50
22	Kachwa	1	0.25	0.25	5	0.10	0.50
23	Kachwi	1	0.25	0.25	5	0.10	0.50
24	Khansa	1	0.25	0.25	5	0.10	0.50
25	Kharabgarh	1	0.25	0.25	4	0.10	0.40
26	Khatauli	1	0.25	0.25	5	0.10	0.50
27	Lehala Jangir	1	0.25	0.25	5	0.10	0.50
28	Magar Sahib	1	0.25	0.25	5	0.10	0.50
29	Majra Kalan	1	0.25	0.25	5	0.10	0.50

30	Majra Khurd	1	0.25	0.25	5	0.10	0.50
31	Manak Dehar	1	0.25	0.25	5	0.10	0.50
32	Maqboolpur Bhaini	1	0.25	0.25	5	0.10	0.50
33	Mehmedpur Rurki	1	0.25	0.25	5	0.10	0.50
34	Mehtabgarh	1	0.25	0.25	5	0.10	0.50
35	Mohalgarh	1	0.25	0.25	4	0.10	0.40
36	Naraingarh WS Wala	1	0.25	0.25	4	0.10	0.40
37	Ratta Khera	1	0.25	0.25	5	0.10	0.50
38	Rohar Jangir	1	0.25	0.25	4	0.10	0.40
39	Roshanpur	1	0.25	0.25	5	0.10	0.50
40	Sampurngarh/ Asmanpur	1	0.25	0.25	4	0.10	0.40
41	SanipurTanda	1	0.25	0.25	5	0.10	0.50
42	Surmastipur urf Jalalabad	1	0.25	0.25	4	0.10	0.40
	Total	42	0.25	10.50	191	0.10	19.10

TOTAL GIA AS FOLLOWINGS IN LACS							12.74
Sr.No.	Name of Village	No. of SHGs in village	Amount of GIA per SHG in lacs	Total –in lacs	No. of unemployed youth	Amount of GIA per individual in lacs	Total in lacs
1	Ahru Kalan	1	0.10	0.10	4	0.04471	0.18
2	Ahru Khurd	1	0.10	0.10	4	0.04471	0.18
3	Akbarpur Afgana	1	0.10	0.10	4	0.04471	0.18
4	Aujhan	1	0.10	0.10	4	0.04471	0.18
5	Alipur w Sahib	1	0.10	0.10	4	0.04471	0.18
6	Bhagwan Jattan	1	0.10	0.10	4	0.04471	0.18
7	Binjjal	1	0.10	0.10	4	0.04471	0.18
8	Bishan Nagar	1	0.10	0.10	4	0.04471	0.18
9	Bivipur Khurd	1	0.10	0.10	4	0.04471	0.18
10	Budhmore	1	0.10	0.10	5	0.04471	0.22
11	Chaprahar	1	0.10	0.10	5	0.04471	0.22
12	Dhagrauli	1	0.10	0.10	5	0.04471	0.22
13	Dudan Gujran	1	0.10	0.10	5	0.04471	0.22
14	Dudan Sudan	1	0.10	0.10	4	0.04471	0.18

15	Ganeshpur	1	0.10	0.10	5	0.04471	0.22
16	Gharam	1	0.10	0.10	6	0.04471	0.27
17	Hajipur	1	0.10	0.10	4	0.04471	0.18
18	Harigarh	1	0.10	0.10	4	0.04471	0.18
19	Ibrahimpur	1	0.10	0.10	4	0.04471	0.18
20	Isharheri	1	0.10	0.10	4	0.04471	0.18
21	Jodhpur	1	0.10	0.10	5	0.04471	0.22
22	Kachwa	1	0.10	0.10	5	0.04471	0.22
23	Kachwi	1	0.10	0.10	5	0.04471	0.22
24	Khansa	1	0.10	0.10	5	0.04471	0.22
25	Kharabgarh	1	0.10	0.10	4	0.04471	0.18
26	Khatauli	1	0.10	0.10	5	0.04471	0.22
27	Lehala Jangir	1	0.10	0.10	5	0.04471	0.22
28	Magar Sahib	1	0.10	0.10	5	0.04471	0.22
29	Majra Kalan	1	0.10	0.10	5	0.04471	0.22
30	Majra Khurd	1	0.10	0.10	5	0.04471	0.22
31	Manak Dehar	1	0.10	0.10	5	0.04471	0.22
32	Maqboolpur Bhaini	1	0.10	0.10	5	0.04471	0.22

33	Mehmedpur Rurki	1	0.10	0.10	5	0.04471	0.22
34	Mehtabgarh	1	0.10	0.10	5	0.04471	0.22
35	Mohalgarh	1	0.10	0.10	4	0.04471	0.18
36	Naraingarh WS Wala	1	0.10	0.10	4	0.04471	0.18
37	Ratta Khera	1	0.10	0.10	5	0.04471	0.22
38	Rohar Jangir	1	0.10	0.10	4	0.04471	0.18
39	Roshanpur	1	0.10	0.10	5	0.04471	0.22
40	Sampuragarh/ Asmanpur	1	0.10	0.10	4	0.04471	0.18
41	Sanipur Tanda	1	0.10	0.10	5	0.04471	0.22
42	Surmastipur urf Jalalabad	1	0.10	0.10	4	0.04471	0.18
	Total	42	0.10	4.20	191		8.54

**BUDGET FOR PROPOSED ACTIVITIES UNDER COMPONENT FOR FARM
PRODUCTION SUPPORT SYSTEM**

PIA:DSCO, Patiala

Name of project: Patiala IWMP 1

FARM PRODUCTION SUPPORT SYSTEM**PROJECT OUTLAY****470.40****FPSS 10%****47.04**

Sr.No.	Description	Plants per ha	Land in ha	No. of villages	Total plants	Unit cost	Total cost in lacs
1	Demo Plots: Cost of Horticulture Plants on Panchayat Land and Private land –Ave. 1 ha each village – 156 plants on every ha. Farmers' share would go to WDF	156	1	42	6552	40	2.62
a)	Post care for 3 years -Plantation cost including excavation, fertilization, and application of insecticides, pesticides, watering and cost of plants. Total cost for Post care Rs.100/- per plant	156	1	42	6552	100	6.55
2	Demo Plots: Summer Maize Moong and Mash can be introduced as a third crop in Maize-wheat rotation. – seed kits supply of two kanals each – On an average Rs.9000 per village - Supply of Chloroparryphos-Termite control (Seed Treatment). Beneficiary share would go to WDF.	42	1	42	9000	9000	3.78

Sr.No.	Particulars	No. of villages	No. of camps per village/units	No. of total camps/units	Unit cost/per camp	Unit cost	Total cost in lacs
3	Agro Forestry: Agro Forestry plants such as Neem, Tun, Colonel Eucalyptus, Fodder plants such as locally known as Dhamman, Su Babul, Mulberry, Sirin etc. on 60% from Project for individuals – Average Rs.9500 per village	42	1	42	9500	9500	3.99
4	Demo plots for Aloe Vera - being diversification of crops – for 1 kanal each – 2 farmers per village x 10 plots per farmer i.e 10 plots in each village x 42 villages (only supply of seeds) @ Rs.2000 per kanal 420 plots	42	10	420	2000		8.40
5	Soil Health Improvement - soil testing and water testing to find out the deficiency in nutrients etc.	42			10000		4.20
	ANIMAL HUSBANDRY AND DAIRY DEVELOPMENT						
6	Awareness Camps: Topics relating to improvement of cattle health and Problems being faced due to prevalent diseases in the animals and low yield of milk. Distribution of free medicines, feed and vaccination for disease control and anti rabies for animals, supply of artificial semen through recognized agency, supply of fodder seeds etc – On an average Rs.10000 per camp.	42	1	42	10000	10000	4.20

	Horticulture						
7	Potential for Horticulture: Supply of plants. Cultivation of fruits (Citrus (kinnoo, galgal), Guava, Amla). Turmeric and vegetables (especially onion and potatoes), Crops for irrigated as well non irrigated areas such as Lemon Grass etc.- On an average Rs.10000 per village. Beneficiary share would go to WDF.	42	1	42	10000	10000	4.20
8	Training on Bee keeping - 2 Units			2	15000	15000	0.30
Other Activities							
9	Awareness camps: Training to farmers on Proven Technology	42	1	42	15000	15000	6.30
10	Vermi compost units – 2 units			2	14500	14500	0.29
11	Kitchen Garden: Supply of kits @ Rs.150 per kit - On an average 35 families per village.	42	35	1470	150	150	2.21
	Total						47.04

**BUDGET FOR PROPOSED ACTIVITIES UNDER COMPONENT
FOR CONSOLIDATION PHASE**

CONSOLIDATION PHASE

Name of Project		Patiala IWMP 1
PIA:		DSCO, Patiala
Project outlay in lacs		470.40
Amount earmarked 3% in lacs		14.11
Sr.No.	Type of Activity	In lacs
1	Managing/upgrading of all activities taken up under the Project.	1.41
2	Preparation of Project completion report	1.41
3	Documentation of success stories	1.41
4	Management of proper utilization of WDF	1.69
5	Mechanism for Quality and sustainability issues under the Project.	1.41
6	Watershed Activities	4.94
7	Training to stakeholders at NIRD or MANAGE, Hyderabad as per module given above	1.84
Total		14.11