
IRRIGATION

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Irrigation sector under province's medium term development framework covers the programs and projects relating to the irrigation, drainage, groundwater, flood management & mitigation, development of small dams, energy and environment, sub sectors.

VISION

Long term vision for Punjab Irrigation Sector is to provide adequate, equitable and reliable irrigation supplies to the cultivable lands of Punjab aiming at enhanced agricultural productivity with focus on broad based institutional reforms.

SECTOR OVERVIEW

Irrigated agriculture is the major determinant of economic growth potential of the province as it accounts for 26 percent of the GDP and caters for over 40 percent of the province's work force. Over 90 percent of agricultural output in Punjab comes from farmlands irrigated by one of the largest contiguous irrigation systems in the world. The colossal irrigation conveyance network is serving 21 million acres (8.4 million hectare) cultivable command area with cropping intensities generally exceeding 120 percent. The vast irrigation system in the province, however, faces major irrigation and drainage challenges with serious economic, environmental and social implications. Hydraulic infrastructure has deteriorated and large deficits in (O&M) maintenance have led to sub-optimal service delivery levels characterized by low water conveyance efficiencies and inequitable water deliveries. Replacement cost for Punjab Irrigation infrastructure including barrages and conveyance network is estimated as Rs. 1600 billion whereas estimated cost for rehabilitation and deferred maintenance need is Rs. 170 billion. Consequently, development in the sector needs to enshrine rehabilitation, improvement and modernization of infrastructure coupled with holistic reforms aiming at integrity and sustainability of the system through improved management and service delivery levels.

ISSUES AND OPTIONS

Key issues of Punjab's irrigation sector are:-

- (i) Growing water shortages, which are further worsened in periods of drought.
- (ii) The irrigation and drainage infrastructure has deteriorated overtime due to a combination of age, chronic under-funding of maintenance and repair (M&R), and lack of appropriate asset management planning.
- (iii) Gaps in meeting financial sustainability of the system owing to low recovery of *abiana*, inefficient operational regimes, and low M&R funding.
- (iv) Non-transparent water entitlements and distribution.
- (v) Lack of participatory approach in operations, maintenance and management of irrigation services leading to inefficiencies, inequities and lack of ownership by users.
- (vi) Imprudent and inefficient utilization and management of groundwater.

KEY STRATEGIES FOR IRRIGATION SECTOR MTFD (2010-13)

Key strategies underpinning the sector's development outlay under province's MTFD (2010-11 to 2012-13) are to:-

- a) Implement structural measures for optimal utilization of surface water resources.
- b) Plan effective utilization of public investments for modernization of irrigation infrastructure
- c) Develop and practice holistic approaches to optimize surface and groundwater use efficiencies with the aim to maximize agricultural productivity of irrigated lands.
- d) Mitigate environmental degradation and groundwater mining
- e) Extend broad-based institutional reforms already initiated in the province to achieve improved service delivery targets.
- f) Develop renewable energy resource base through installation of low-head hydel stations on canal falls in both public and private sectors.

- g) Extend and improve drainage, flood protection, hill torrent management and command area development interventions in riverine and rain-fed (barani) areas.

TREND OF ALLOCATIONS

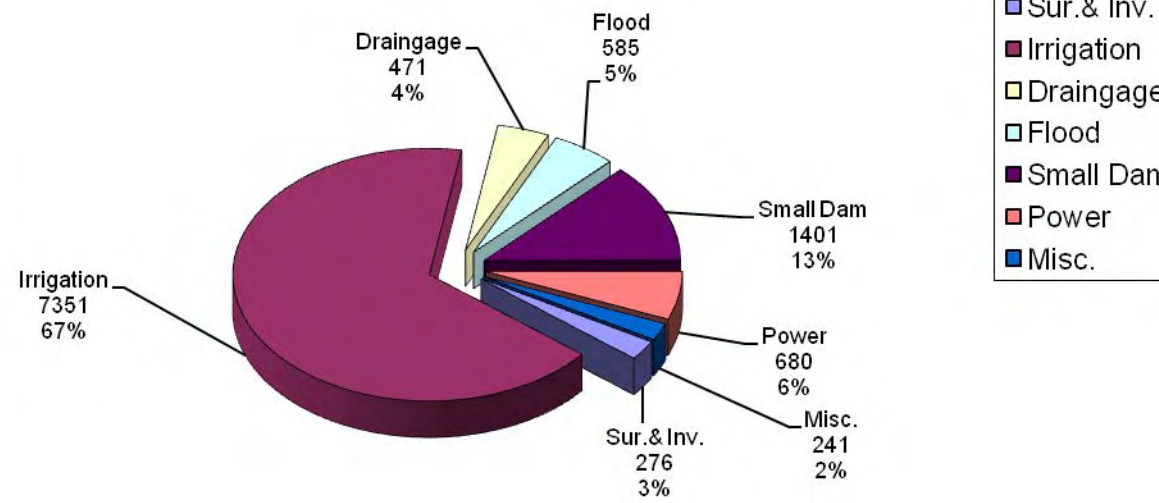
(Million Rs)

Year	Original Allocation	Revised Allocation
2006-07	8,500	9,513
2007-08	11,000	9,761
2008-09	11,300	9,396
2009-10	10,000	9,423
2010-11		11,005

SALIENT FEATURES OF SECTOR'S MTDF (2010-13)

Irrigation sector's total outlay for the year 2010-11 is planned as Rs.11.005 billion which constitutes about 7.4% of the core ADP (2010-11) budget under the MTDF 2010-11. Projects outlay for the sector in years 2011-12 and 2012-13 are Rs.11.736 billion and Rs.12.96 billion respectively. Out of the total 74 schemes included in MTDF 2010-11, 38 schemes comprising 28 on-going and 10 new schemes have been targeted for completion by allocating 93.5% of outlay to the on-going and 6.5% to new schemes.

Sub Sectors Allocations (Million Rs.)



The Government of the Punjab being cognizant to safety of major hydraulic structures for sustained supply of canal water to crops and mitigation of flood hazards has planned to rehabilitate and modernize the barrages being linchpin of the province's irrigation system in a phased programme. In the series, 1st project "Rehabilitation of Taunsa Barrage" has been completed in December 2009. In succeeding initiatives under planned series of barrages rehabilitation projects, rehabilitation of Jinnah Barrage have now been included in the present development programme for the year 2010-11. The estimated cost of improvement of Jinnah Barrage is Rs.12,674.000 million.

MTDF TARGETS FOR FINANCIAL YEAR 2010-11

Sectoral Initiatives	Targets (FY 2010-11)
Assured and sustainable irrigation supplies	10 million acre
Selective lining of irrigation channels	100 km
Lower Bari Doab Canal Improvement Project	(a): Balloki Headworks (b): Main canal and distribution network (Jandraka & 15-L)
Punjab Irrigated Agriculture Improvement Program (PIAP)	Feasibility studies and design of: (a) Suleimanki, Trimmu and Punjnad Barrages, and (b) Thal and Pakpattan canal commands (c)
Rehabilitation of LCC System (Part-B)	Mian Ali, Lower Gugera, Burala and Rakh Branch canal commands

Establishing FOs in Faisalabad (LCC), Bahawalnagar (Sadiqia & Fordwah) and DG Khan (DGK) canal commands	192 No
<p>Construction of Small Dams:</p> <ul style="list-style-type: none"> • Minwal, Dharabi, Dhok Hum, Mundi, Dhok Jhang, Uthwal in district Chakwal • Shahbazpur, Taja Bara, Sadrial and Haji Shah Dams in district Attock • Ugham dam in district Rawalpindi 	<p>10,850 acre command area</p> <p>9,720 acre command area</p> <p>3,000 acre command area</p>
Construction of Cherah Dam (Rawalpindi – Islamabad)	Land acquisition completed, construction of main dam to commence
ADB-assisted Renewable Energy Development Sector Investment Program (REDSIP) - Five hydel power projects (25MW combined) at Pakpattan, Okara (LBDC), Deg-outfall, Chianwali and Marala	Evaluation of bids completed. Award of LOIs to take place. Acquisition of land.

Rehabilitation & Modernization of Jinnah Barrage	<ul style="list-style-type: none"> i) Deployment of consultants & counterpart staff ii) Construction of coffer dam ii) Works on main and subsidiary weir to commence.
Punjab Irrigation System Improvement Project.	Lining and remodelling of distributaries and minors in Sadiqia, DG Khan and Jhang Branch canal commands
Remodelling of SMB Link Canal and Enhancing Capacity of Mailsi Syphon	Detailed designing and launching of preparatory activities
Management of Vidore Hill Torrent in DG Khan Irrigation Zone	<ul style="list-style-type: none"> i. Embankment construction ii. Flood dispersion and distribution structures

MTDF 2010-13
Irrigation : Summary
Development Programme 2010-11

(Rs. in Million)

Sub Sector	ON-GOING PROGRAMME					NEW PROGRAMME					TOTAL				
	Capital	Revenue	Total	F. Aid	G. Total	Capital	Revenue	Total	F. Aid	G. Total	Capital	Revenue	Total	F. Aid	G. Total
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Survey, Investigation & Research.	108.062	41.978	150.040	0.000	150.040	11.000	0.000	11.000	0.000	11.000	119.062	41.978	161.040	0.000	161.040
Irrigation.	1682.588	0.000	1682.588	0.000	1682.588	442.000	0.000	442.000	0.000	442.000	2124.588	0.000	2124.588	0.000	2124.588
Drainage & Recalamation	348.760	0.000	348.760	0.000	348.760	122.000	0.000	122.000	0.000	122.000	470.760	0.000	470.760	0.000	470.760
Flood Works.	520.000	0.000	520.000	0.000	520.000	65.000	0.000	65.000	0.000	65.000	585.000	0.000	585.000	0.000	585.000
Small Dams	1356.382	0.000	1356.382	0.000	1356.382	45.000	0.000	45.000	0.000	45.000	1401.382	0.000	1401.382	0.000	1401.382
Buildings	84.310	0.000	84.310	0.000	84.310	5.000	0.000	5.000	0.000	5.000	89.310	0.000	89.310	0.000	89.310
Misc. Works	13.200	113.720	126.920	0.000	126.920	25.000	0.000	25.000	0.000	25.000	38.200	113.720	151.920	0.000	151.920
Foreign Aided Project.	789.000	158.912	947.912	5073.088	6021.000	0.000	0.000	0.000	0.000	0.000	789.000	158.912	947.912	5073.088	6021.000
Total Water & Power Sector	4902.302	314.610	5216.912	5073.088	10290.000	715.000	0.000	715.000	0.000	715.000	5617.302	314.610	5931.912	5073.088	11005.000
No. of Schemes	52					22					74				

Development Programme 2011-12

Sub Sector	ON-GOING PROGRAMME					NEW PROGRAMME					TOTAL				
	Capital	Revenue	Total	F. Aid	G. Total	Capital	Revenue	Total	F. Aid	G. Total	Capital	Revenue	Total	F. Aid	G. Total
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Survey, Investigation & Research.	150.000	47.000	197.000	0.000	197.000	1.000	0.000	1.000	0.000	1.000	151.000	47.000	198.000	0.000	198.000
Irrigation.	1026.000	0.000	1026.000	0.000	1026.000	1500.000	0.000	1500.000	0.000	1500.000	2526.000	0.000	2526.000	0.000	2526.000

(Rs. in Million)

Sub Sector	ON-GOING PROGRAMME					NEW PROGRAMME					TOTAL				
	Capital	Revenue	Total	F. Aid	G. Total	Capital	Revenue	Total	F. Aid	G. Total	Capital	Revenue	Total	F. Aid	G. Total
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Drainage & Recalamation	789.000	0.000	789.000	0.000	789.000	438.000	0.000	438.000	0.000	438.000	1227.000	0.000	1227.000	0.000	1227.000
Flood Works.	612.000	0.000	612.000	0.000	612.000	425.000	0.000	425.000	0.000	425.000	1037.000	0.000	1037.000	0.000	1037.000
Small Dams	478.000	0.000	478.000	0.000	478.000	0.000	0.000	0.000	0.000	0.000	478.000	0.000	478.000	0.000	478.000
Buildings	50.000	0.000	50.000	0.000	50.000	0.000	0.000	0.000	0.000	0.000	50.000	0.000	50.000	0.000	50.000
Misc. Works	50.000	100.000	150.000	0.000	150.000	200.000	0.000	200.000	0.000	200.000	250.000	100.000	350.000	0.000	350.000
Foreign Aided Project.	300.000	50.000	350.000	3500.000	3850.000	200.000	20.000	220.000	1800.000	2020.000	500.000	70.000	570.000	5300.000	5870.000
Total Water & Power Sector	3455.000	197.000	3652.000	3500.000	7152.000	2764.000	20.000	2784.000	1800.000	4584.000	6219.000	217.000	6436.000	5300.000	11736.000

Development Programme 2012-13

Sub Sector	ON-GOING PROGRAMME					NEW PROGRAMME					TOTAL				
	Capital	Revenue	Total	F. Aid	G. Total	Capital	Revenue	Total	F. Aid	G. Total	Capital	Revenue	Total	F. Aid	G. Total
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Survey, Investigation & Research.	80.000	26.000	106.000	0.000	106.000	1.000	0.000	1.000	0.000	1.000	81.000	26.000	107.000	0.000	107.000
Irrigation.	1134.000	0.000	1134.000	0.000	1134.000	1010.000	0.000	1010.000	0.000	1010.000	2144.000	0.000	2144.000	0.000	2144.000
Drainage & Recalamation	70.000	0.000	70.000	0.000	70.000	80.000	0.000	80.000	0.000	80.000	150.000	0.000	150.000	0.000	150.000
Flood Works.	336.000	0.000	336.000	0.000	336.000	667.000	0.000	667.000	0.000	667.000	1003.000	0.000	1003.000	0.000	1003.000
Small Dams	300.000	0.000	300.000	0.000	300.000	0.000	0.000	0.000	0.000	0.000	300.000	0.000	300.000	0.000	300.000
Misc. Works	121.000	0.000	121.000	0.000	121.000	121.000	0.000	121.000	0.000	121.000	242.000	0.000	242.000	0.000	242.000
Foreign Aided Project.	450.000	64.000	514.000	4500.000	5014.000	300.000	50.000	350.000	3650.000	4000.000	750.000	114.000	864.000	8150.000	9014.000
Total Water & Power Sector	2491.000	90.000	2581.000	4500.000	7081.000	2179.000	50.000	2229.000	3650.000	5879.000	4670.000	140.000	4810.000	8150.000	12960.000

IRRIGATION: SUMMARY

(Rs. in million)

Type / Sub Sector	No. of Schemes	Provision for 2010-11							Projection for 2011-12	Projection for 2012-13
		Local		Foreign Aid		Total		G. Total (Cap+Rev)		
		Capital	Revenue	Capital	Revenue	Capital	Revenue			
<u>ON-GOING SCHEMES</u>										
Survey Investigation & Research	6	108.062	41.978	0.000	0.000	108.062	41.978	150.040	197.000	106.000
Irrigation	16	1,682.588	0.000	0.000	0.000	1,682.588	0.000	1,682.588	1,026.000	255.000
Drainage	5	348.760	0.000	0.000	0.000	348.760	0.000	348.760	789.000	0.000
Flood Works	3	520.000	0.000	0.000	0.000	520.000	0.000	520.000	612.000	336.000
Small Dams	7	1,356.382	0.000	0.000	0.000	1,356.382	0.000	1,356.382	478.000	300.000
Buildings	6	84.310	0.000	0.000	0.000	84.310	0.000	84.310	50.000	0.000
Miscellaneous	2	13.200	113.720	0.000	0.000	13.200	113.720	126.920	150.000	0.000
Foreign Aided Projects	7	789.000	158.912	4,900.000	173.088	5,689.000	332.000	6,021.000	8,021.000	12,154.000
Total: ON-GOING SCHEMES	52	4,902.302	314.610	4,900.000	173.088	9,802.302	487.698	10,290.000	11,323.000	13,151.000
<u>NEW SCHEMES</u>										
Survey Investigation & Research	3	11.000	0.000	0.000	0.000	11.000	0.000	11.000	1.000	1.000
Irrigation	10	442.000	0.000	0.000	0.000	442.000	0.000	442.000	1,500.000	1,889.000
Drainage	4	122.000	0.000	0.000	0.000	122.000	0.000	122.000	501.000	150.000
Flood Works	2	65.000	0.000	0.000	0.000	65.000	0.000	65.000	525.000	667.000
Small Dams	1	45.000	0.000	0.000	0.000	45.000	0.000	45.000	0.000	0.000
Buildings	1	5.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	0.000
Miscellaneous	1	25.000	0.000	0.000	0.000	25.000	0.000	25.000	200.000	242.000
Total: NEW SCHEMES	22	715.000	0.000	0.000	0.000	715.000	0.000	715.000	2,727.000	2,949.000
Grand Total	74	5,617.302	314.610	4,900.000	173.088	10,517.302	487.698	11,005.000	14,050.000	16,100.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

ON-GOING SCHEMES

Survey Investigation & Research

2175	1	Name of the Scheme	Fasibility Study of Channelization of Aik Nullah and Improving Drainage System in Distt. Sialkot	0.000	6.014	3.994	1.062	0.000	0.000	0.000	1.062	0.000	1.062	0.000	0.000	0.000
		Approval Date	Approved 28.01.09													
		Major Components	Channelization of Aik Nullah													
		Major Targets	To clear the liability													
		District and Tehsil	Sialkot													
2176	2	Name of the Scheme	Establishment of Project Monitoring Office (PMO) for Monitoring the Development Projects in the Irrigation & Power Department, Lahore	0.000	194.700	77.510	0.000	20.938	0.000	0.000	0.000	20.938	20.938	30.000	33.000	33.252
		Approval Date	Approved Revised 11.10.06													
		Major Components	PMO establishment for monitoring of major projects. Monitoring of major irrigation projects. 1) Irrigation System Rehabilitation Project(ISRP) under PSDP 2) Lining of Irrigation Channels (Distributaries &Minors) in Punjab. Under PSDP.													
		Major Targets	3) Project under Annual Development Project (ADP) Punjab. Monitoring of major irrigation projects. 1) Irrigation System Rehabilitation Project(ISRP) under PSDP 2) Lining of Irrigation Channels (Distributaries &Minors) in Punj													
		District and Tehsil	Lahore													

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)
						Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2177	3	<p>Name of the Scheme</p> <p>Establishment of Strategic Planning/Reform Unit in Irrigation and Power Department (Initiatives under Development Policy Loan-Strategic Planning Cell, Ground Water Management Environment Improvement, Institutional Reforms and Communication Strategization, etc.)</p> <p>Approval Date</p> <p>Approved Revised 28.06.06</p> <p>Major Components</p> <p>To meet the objective of integrated water resources management & broad base institutional reforms under Development Policy Loan.Setting up of Strategic Planning Cell, Ground Water Management, Environment Improvement, Institutional Reforms, Communication Strategization, etc.</p> <p>Major Targets</p> <p>Setting up of Units of Ground Water Management, Environment Improvement, Institutional Reforms, Communication Strategization, etc.</p> <p>District and Tehsil</p> <p>Punjab , Lahore</p>	0.000	121.301	57.827	0.000	10.000	0.000	0.000	0.000	10.000	10.000	30.000	23.000	0.000
2178	4	<p>Name of the Scheme</p> <p>Investigation and Feasibility of 24 New Small Dam Projects in Potohar Area of Punjab.</p> <p>Approval Date</p> <p>Approved 04.09.07</p> <p>Major Components</p> <p>Conducting feasibility study and identifying potential sites for construction of small dams in Potohar area.i. Geological investigations, ii. Topographic survey, iii. Hydrological studies, soil investigation and preparation of F.S/PC-Is for 24 potential sites.</p> <p>Major Targets</p> <p>i. Geological Investigations, ii. Topographic survey, iii. Hydrological studies, soil investigation and preparation of F.S/PC-Is for 16 potential sites.</p> <p>District and Tehsil</p> <p>Rawalpindi, Attock, Chakwal, Jhelum , RawalpindiAttockChakwalJhelum</p>	0.000	90.844	82.804	7.000	1.040	0.000	0.000	7.000	1.040	8.040	0.000	0.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2179	5	Name of the Scheme Ground Water Management and Regulation in Punjab. Approval Date Approved 04.09.07 Major Components Phased Management of Groundwater in selected Pilot areas.i. Establishment of GMOii. Procurement of consultancy services.Iii. Procurement of equipmentiv. Mapping of ground water.V. Launching of awarnance campaignvi. Implementation of management interventions. Major Targets i. Establishment of Ground water Management Officeii. Procurement of consultancy services.Iii. Procurement of equipmentiv. Mapping of ground water.V. Launching of awarnance campaignvi. Implementation of management interventions. District and Tehsil Punjab , Lahore	0.000	96.672	6.530	0.000	10.000	0.000	0.000	0.000	10.000	10.000	30.000	50.000	0.000
2180	6	Name of the Scheme Hiring of Consultancy Services for Monitoring of Projects under Provincial Development Program Approval Date Approved 28.01.09 Major Components Hiring of consultancy services Major Targets Hiring of consultancy services District and Tehsil Punjab	0.000	276.339	70.000	100.000	0.000	0.000	0.000	100.000	0.000	100.000	107.000	0.000	0.000
Sub-Total: Survey Investigation & Research			0.000	785.870	298.665	108.062	41.978	0.000	0.000	108.062	41.978	150.040	197.000	106.000	33.252

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(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Irrigation

2181	7	Name of the Scheme	Construction of Paikhel Lift Irrigation Scheme	0.000	630.268	620.268	10.000	0.000	0.000	0.000	10.000	0.000	10.000	0.000	0.000	0.000
		Approval Date	Approved Revised 05.06.05													
		Major Components	To irrigate 0.028 M. acres of virgin / un-commanded land through lift arrangement.i. Feeder channels 4.5 kmii. Irrigation channels 35 kmiii. Head regulators 3No.Iv. Pump houses 2 Nov. Bridges 21 Novi. Syphons 22NoVii. Aquaducts 24 No.viii. Super passage 3 Noix. Falls 2Nox. outlets 73 Noxi.Purchase of electrical & mechanical equipments													
		Major Targets	i. Construction feeder channelsii. Pumps houses 2													
		District and Tehsil	Mianwali													
2182	8	Name of the Scheme	Rehabilitation of Jhang Branch Upper	0.000	889.929	135.000	200.000	0.000	0.000	0.000	200.000	0.000	200.000	400.000	155.000	0.000
		Approval Date	Approved 8.8.2009													
		Major Components	To ensure sustainable supply to 0.87 MA CCA i. Rehabilitation of irrigation channels 62 mile.ii. Rehab of Structures 27 iii.Construction of cattle bath 19													
		Major Targets	ii. Rehabilitation of irrigation channels 6 mileii. Rehab of Structures 2o iii.Construction of cattle bath 2													
		District and Tehsil	Jhang													
2183	9	Name of the Scheme	Rehabilitation of Bhowana Branch	0.000	272.129	50.000	222.129	0.000	0.000	0.000	222.129	0.000	222.129	0.000	0.000	0.000
		Approval Date	Approved 8.8.2009													
		Major Components	To ensure sustainable supply to 0.155 m cca i. Rehabilitation of irrigation channels 7.5 mile ii. Rehab of tructures 7. iii. Lining of channel 4 mile													
		Major Targets	i. Rehabilitation of irrigation channels 2 mileii. Rehab of structures 2 iii. Lining of channel 4 mile													
		District and Tehsil	Jhang													

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(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2184	10	Name of the Scheme Rehabilitation of BRBD Link Canal RD 178+000 to 260+000	0.000	418.000	10.000	100.000	0.000	0.000	0.000	100.000	0.000	100.000	308.000	0.000	0.000
		Approval Date	Approved 8.8.2009												
		Major Components	Sustainable canal supply for 14,19,521 acre area in District Lahore & Kasur ii) Safety of Channel in high filling and protection of abady along canal.Repair of earthen banks i.Stone pitching 82000 lft on both sides of the canal in high fillingConstruction of 12 . cattle bath stationsConstruction of catch water drain & retaining wall Repair of fall & bridge structures.												
		Major Targets	.i.Stone pitching 12000 lft on both sides of the canal in high fillingii.Construction of catch water drain & retaining wall ii. Repair of fall & bridge structures.												
		District and Tehsil	Sheikhupura , Ferozwala												
2185	11	Name of the Scheme Rehabilitation of Multan Branch from RD: 0 to 97+980 (Tail)	0.000	126.980	44.980	82.000	0.000	0.000	0.000	82.000	0.000	82.000	0.000	0.000	0.000
		Approval Date	Approved 18.7.2009												
		Major Components	to provide sustainable irrigation supplies and to save the Multan City Earth work ,Brick Work.Brick Lining , PlastarConcrete , Fabrication of MS bars												
		Major Targets	Earth work ,Brick Work.Brick Lining , PlastarConcrete , Fabrication of MS bars												
		District and Tehsil	Multan												

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013		
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)	
						Cap	Rev	Cap	Rev	Cap	Rev					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
2186	12	Name of the Scheme Construction of Gujrat Disty and Salman Minor to Mitigate Tail Shortage in Basira Sub Division Approval Date Approved 31.7.2009 Major Components To ensure sustainable supply to a CCA of 9440 acres by constructing new channels having length 23000ft (i) Bridge-1(ii) Head Regulators-2 (iii) Acqueduct-2 (iv) Raising Muzaffargarh Canal RD 177-000 to 206-700 Major Targets Raising Muzaffargarh Canal RD 177-000 to 206-700 District and Tehsil Muzaffargarh , Kot Addu	0.000	105.000	55.000	50.000	0.000	0.000	0.000	50.000	0.000	50.000	0.000	0.000	0.000	0.000
2187	13	Name of the Scheme Rehabilitation of Bahawalpur Disty System and direct off-takes of Lower Bahawal Canal. Approval Date Approved 06-11-2007 Major Components To ensure sustainable irrigation for an area of 0.067 M acresi. Rehabilitation of irrigation channels 75 km.ii.Rehab of hydraulic structures 10iii.Rehab of bridges 10 Major Targets i. Rehabilitation of irrigation channels 20 km.ii.Rehab of hydraulic structures 5 iii.Rehab of bridges 5 District and Tehsil Bahawalpur , BWP	0.000	548.900	364.871	184.029	0.000	0.000	0.000	184.029	0.000	184.029	0.000	0.000	0.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2188	14	Name of the Scheme Rehabilitation of 6-L/Ahmedpur (AP)Branch	0.000	246.365	48.000	198.365	0.000	0.000	0.000	198.365	0.000	198.365	0.000	0.000	0.000
		Approval Date	Approved 8.8.2009												
		Major Components	To improve supply at tails2. To ensure equitable distribution3. To reduce chances of breaches a Earth work , b. Brick Work.Brick Lining , c.. Plaster concrete , d. Fabrication of MS bars												
		Major Targets	a Earth work , b. Brick Work.Brick Lining , c.. Plaster concrete , d. Fabrication of MS bars												
		District and Tehsil	Bahawalpur , Ahmedpur												
2189	15	Name of the Scheme Remodeling of Behari Disty RD 0-54860 with System.	0.000	492.550	92.110	100.000	0.000	0.000	0.000	100.000	0.000	100.000	200.000	100.000	0.000
		Approval Date	Approved Revised 08.11.08												
		Major Components	To ensure sustainable irrigation facilities for an irrigated area of 92830 acres.i. Rehabilitation of irrigation channels 75 km.ii. Rehab of structures 56												
		Major Targets	i. Rehabilitation of irrigation channels 30 km.ii. Rehab of structures 25 No.												
		District and Tehsil	Rahim Yar Khan , Khanpur												
2190	16	Name of the Scheme Rehabilitation of Bhong Disty System	0.000	273.355	55.403	100.000	0.000	0.000	0.000	100.000	0.000	100.000	118.000	0.000	0.000
		Approval Date	Approved 8.8.2009												
		Major Components	To improve supply at tails To ensure equitable distribution To reduce chances of breaches Earth work Brick Work.Brick Lining Plaster concrete Fabrication of MS bars												
		Major Targets	Brick Work.Brick Lining , PlasterConcrete , Fabrication of MS bars												
		District and Tehsil	Rahim Yar Khan , Sadiqabad												

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2191	17	Name of the Scheme Construction of System Storage Ponds in Cholistan (Pilot Project)	0.000	117.821	5.000	112.820	0.000	0.000	0.000	112.820	0.000	112.820	0.000	0.000	0.000
		Approval Date	Approved 9.1.2010												
		Major Components	Pilot project for construction of water ponds at the head reach of each outlet on flood channel to provide flood water to the crops, drinking water and livestock consumption. Construction of two storage ponds.												
		Major Targets	Construction of two storage ponds.												
		District and Tehsil	Rahim Yar Khan , Khanpur												
2192	18	Name of the Scheme Mohar Lift Irrigation Scheme 'B' Off-taking at RD 201700/L Mohajir Branch.	0.000	141.600	138.593	4.000	0.000	0.000	0.000	4.000	0.000	4.000	0.000	0.000	0.000
		Approval Date	Approved Revised 30.05.02												
		Major Components	To irrigate new 0.020 acres of barani area. Construction of: i. New irrigation channels 31 km. ii. Sump tank, delivery tank & pump houses. iii. 3000 sft buildings. iv. Bridges 22 No., Hd. regulator 1 No. & H/T crossings 45 No. b. Procurement of pumping machinery. c. Installation of H.T cables. d. Repair of flood damages.												
		Major Targets	i. Land acquisition, ii. Construction of feeder channel, iii. Construction of 2 Nos pump houses												
		District and Tehsil	Mianwali, Khushab , Qaidabad-Khushab												

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2193	19	Name of the Scheme Remodeling of SMB Link RD. 0-374983 Tail and Bahawal Canal Lower from RD. 152-239580	0.000	745.896	373.879	1.000	0.000	0.000	0.000	1.000	0.000	1.000	0.000	0.000	0.000
		Approval Date	Approved 23.08.06												
		Major Components	To improve irrigation supplies for 0.8 Million acres of Bahawalpur district.i. Raising & strengthening of banks 148 km.ii. Structures 6 No.iii. Raising brick lining 111.5 kmiv. Stone pitching 1.5 km												
		Major Targets	i. Raising brick lining ii.Remodelling bridges												
		District and Tehsil	Bahawalpur, Lodhran, Khanewal, Vehari , MailsiKhairpur Tamewali												
2194	20	Name of the Scheme Selective Lining of Irrigation Channels in Punjab	0.000	998.000	936.000	62.000	0.000	0.000	0.000	62.000	0.000	62.000	0.000	0.000	0.000
		Approval Date	Approved 25.07.05												
		Major Components	Improving conveyance of irrigation water facilitating the farmers for better irrigation.Concrete lining 200 miles												
		Major Targets	Concrete lining 40 miles.												
		District and Tehsil	Punjab												
2195	21	Name of the Scheme Rehabilitation of Irrigation Channels in the Areas of Farmers Organizations. Phase-I	0.000	269.100	127.322	141.778	0.000	0.000	0.000	141.778	0.000	141.778	0.000	0.000	0.000
		Approval Date	Approved 28.02.07												
		Major Components	To transfer operation & maintenance of irrigation channels to the local communities/farmer organizations.Rehabilitation of irrigation channels 200 km.												
		Major Targets	Rehabilitation of irrigation channels 150 km.												
		District and Tehsil	Punjab												

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013		
						Local		Foreign Aid		Total					G. Total (Cap+Rev)	
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
2196	22	Name of the Scheme Approval Date Major Components Major Targets District and Tehsil	Rehabilitation of Azim Disty Approved 8.8.2009 1. To improve supply at tails2. To ensure equitable distribution3. To reduce chances of breaches Earth work , Brick Work.Brick Lining , PlasterConcrete , Fabrication of MS bars Earth work , Brick Work.Brick Lining , PlasterConcrete , Fabrication of MS Bahawalnagar, Bahawalpur , ChishtianHasilpur	0.000	164.467	50.000	114.467	0.000	0.000	0.000	114.467	0.000	114.467	0.000	0.000	0.000
Sub-Total: Irrigation			0.000	6,440.360	3,106.426	1,682.588	0.000	0.000	0.000	1,682.588	0.000	1,682.588	1,026.000	255.000	0.000	
Drainage																
2197	23	Name of the Scheme Approval Date Major Components Major Targets District and Tehsil	Remodeling of Kalra Drain RD 3000 to RD 14000 Approved Revised 9.02.10 To improve drainage facilities for 4000 acres of landi. Remodg of drain 4 kmii. Constrn. of inlets 5 No.iii. Constrn. of bridge 1 No i. Remodg of drain 4 km.ii. Constrn. of inlets 5 No.iii. Constrn. of bridge 1 No. Gujrat	0.000	56.404	28.644	27.760	0.000	0.000	0.000	27.760	0.000	27.760	0.000	0.000	0.000
2198	24	Name of the Scheme Approval Date Major Components Major Targets District and Tehsil	Construction of Tattle Drainage System Approved 29.09.05 To provide drainage facility for an area of 58.2 sq KM. i) Const. of drain 18.5 KM. ii) Structures 43 No. Narowal	0.000	80.648	74.648	6.000	0.000	0.000	0.000	6.000	0.000	6.000	0.000	0.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2199	25	Name of the Scheme Construction of Suknai Drain RD 610+000 to RD 1250+000. Approval Date Approved Revised 12.02.09 Major Components To improve drainage facilities for an area of 384 sq km Construction of new drains 192 km Major Targets Construction of new drain 80 km. District and Tehsil Sahiwal , SahiwalOkaraDepialpurBurewala	0.000	882.680	219.000	150.000	0.000	0.000	0.000	150.000	0.000	150.000	514.000	0.000	0.000
2200	26	Name of the Scheme Providing Drainage System within Command Area of 3-R Abbasia Canal. Approval Date Approved 28.11.08 Major Components To improve drainage facilities for an irrigated area of 0.26 M acres and reclaim 13500 acres waterlogged area. Construction of: i. New drains 52 km ii. Bridges 20 No. iii. Inlets 40 No. iv. W.C xings 40 No. v. Rehab of existing drains 20 km. Major Targets Construction of: i. New drains 20 km ii. Bridges 10 No. iii. Inlets 10 No. iv. W.C xings 40 No. District and Tehsil Rahim Yar Khan , LiqatpurKhanpur	0.000	314.602	150.000	65.000	0.000	0.000	0.000	65.000	0.000	65.000	100.000	0.000	0.000
2201	27	Name of the Scheme Rehabilitation of Drainage System in Faisalabad Irrigation Zone Approval Date Approved 08-08-09 Major Components To improve drainage facilities for an area of 25 sq km Construction of new drains 12 km Construction of 14 No bridges Construction of 22 No inlets & 1 No siphon Land acquisition 50 acres Major Targets Land Acquisition Construction of 5 No bridges Construction of 6 Km drain District and Tehsil Faisalabad, Jhang, Toba Tek Singh , FaisalabadSheikhupuraJhangT.T Singh	0.000	354.561	80.000	100.000	0.000	0.000	0.000	100.000	0.000	100.000	175.000	0.000	0.000
Sub-Total: Drainage			0.000	1,688.895	552.292	348.760	0.000	0.000	0.000	348.760	0.000	348.760	789.000	0.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Flood Works

2202	28	Name of the Scheme	Rehabilitation of Naugran Flood Bund	0.000	129.620	10.000	120.000	0.000	0.000	0.000	120.000	0.000	120.000	0.000	0.000	0.000
		Approval Date	Approved 10.10.2009													
		Major Components	To protect alarge no. of important village located on left bank of river Kahan D/S Mallot bridge i) Earthwork 13.69 Mcft ii) Stonework 2.91 Mcft iii)Concretework 0.0014 Mcft													
		Major Targets	i) Earthwork 13.69 Mcft ii) Stonework 2.91 Mcft iii)Concretework 0.0014 Mcft													
		District and Tehsil	Jhelum													
2203	29	Name of the Scheme	Management of Hill Torrent in CRBC Area (Stage-III) D.G.Khan	0.000	1,605.000	769.000	200.000	0.000	0.000	0.000	200.000	0.000	200.000	300.000	336.000	0.000
		Approval Date	Approved 12.11.07													
		Major Components	To provide irrigation water supplies to 0.120 M acres of pachad area & protection of 0.045 M acres of 5No. Villages against H/T water.Construction of (i) Distributors =8No.(ii)Embankments=152.5 km.													
		Major Targets	Construction ofi. Distributors 5No.ii.Embankments 100miles.													
		District and Tehsil	Dera Ghazi Khan , Taunsa Sharif													

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2204	30	Name of the Scheme Management of Hill Torrents in DG Khan Irrigation Zone Sori Lund, Vidore, Mithawan, Kaha and Chachar(Kaha Hill Torrents)	0.000	716.577	205.000	200.000	0.000	0.000	0.000	200.000	0.000	200.000	312.000	0.000	0.000
		Approval Date	Approved 08-08-09												
		Major Components	To provide irrigation water supplies to 0.120 M acres of Pachad area & protection of 0.045 M acres of 5No. Villages against H/T water.Construction of (i) Distributors =8No.(ii)Embankments=152.5 KM.												
		Major Targets	Construction ofi. Distributors 3No.ii.Embankments 33 miles.Iii. Deployment of consultants.												
		District and Tehsil	Dera Ghazi Khan, Rajanpur , DG KhanRajanpurJampur												
Sub-Total: Flood Works			0.000	2,451.197	984.000	520.000	0.000	0.000	0.000	520.000	0.000	520.000	612.000	336.000	0.000
Small Dams															
2205	31	Name of the Scheme Construction of Ugham Dam Project.	0.000	478.095	431.558	46.537	0.000	0.000	0.000	46.537	0.000	46.537	0.000	0.000	0.000
		Approval Date	Approved 19.11.07												
		Major Components	To bring 3000 acres of land under irrigation and to supply drinking water to the nearby abadies.i. Main dam 1 No.ii. Spillway 1 No.iii. Coffor dam 1 No.iv. Outlet structuresv. Inspection hut 1 No.vi. Irrigation channel 1 No.												
		Major Targets	i. Main dam 1 No.ii. Spillway 1 No.iii. Coffor dam 1 No.												
		District and Tehsil	Rawalpindi , Rawalpindi												

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2206	32	Name of the Scheme Construcion of Cherah Dam Rawalpindi	0.000	5,307.220	431.550	485.299	0.000	0.000	0.000	485.299	0.000	485.299	378.000	300.000	0.000
		Approval Date	Approved 26-03-09												
		Major Components	50MGD water supply to Rawalpindi cityi. Land acquisition 6425 kanal ii. Shifting of infrastructure road 1 No. , houses 186 No. , poultry farm 28 No, common place 4 No., school 1 No.iii. Construction of building 5 No.iv. Construction of embankment 2 Nos. v. Construction of main damvi.Raw water conductance												
		Major Targets	i. Land acquisition 6425 kanal ii. Shifting of infrastructure road 1 No. , houses 140 No. , poultry farm 12 No, common place 4 No., school 1 No.iii. Deployment of consultants												
		District and Tehsil	Rawalpindi												
2207	33	Name of the Scheme Construction of Small Dams in Distt. Attock (Haji Shah Dam)	0.000	196.126	85.091	111.035	0.000	0.000	0.000	111.035	0.000	111.035	0.000	0.000	0.000
		Approval Date	Approved Revised 26.09.05												
		Major Components	To bring 1520 acres of land under irrigation and to supply drinking water to nearby abadies.Main dam, spillway, coffer dam, outlet structure, inspection hut & irrigation channel												
		Major Targets	Construction ofi. Main dam 1 No.ii. Spillway 1 No.iii. Irrigation channel 7 km.												
		District and Tehsil	Attock , AttockHazro												

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2208	34	Name of the Scheme Construction of Small Dams in District Attock Phase-II (Shahbazpur, Tajabara and Sadrial Dam). Approval Date Approved 19.11.07 Major Components To bring 8200 acres of land under irrigation and to supply drinking water to the nearby abadies.i. Main dam 3 No.ii. Spillway 3 No.iii. Coffor dam 3 No.iv. Outlet structuresv. Inspection hut 3 No.vi. Irrigation channel 4 Major Targets i. Main dam 3 No.ii. Spillway 3 No.iii. Coffor dam 3 No. District and Tehsil Attock	0.000	404.376	233.428	171.000	0.000	0.000	0.000	171.000	0.000	171.000	0.000	0.000	0.000
2209	35	Name of the Scheme Construction of Small Dams in Distt. Chakwal (Dhurabi Dam & Minwal Dam) Approval Date Approved 15.08.05 Major Components To bring 7150 acres of land under irrigation and to supply drinking water to nearby abadies.Main dam, spillway, coffor dam, outlet structure, inspection hut & irrigation channel Major Targets Construction ofi. Spillway 1 No.ii. Irrigation channel 15 km.iii. Outlet structures.iv. Inspection huts 2 No. District and Tehsil Chakwal	0.000	467.822	440.550	32.500	0.000	0.000	0.000	32.500	0.000	32.500	0.000	0.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2210	36	Name of the Scheme Construction of Small Dams in Distt. Ckakwal Phase-II (Dhoke Hum, Munde, Dhoke Jhang & Uthwal/Lakwal Dam). Approval Date Approved Revised 19.03.10 Major Components To bring 3700 acres of land under irrigation and to supply drinking water to the nearby abadies.i. Main dam 4 No.ii. Spillway 4No.iii. Coffer dam4No.iv. Outlet structuresv. Inspection hut 4 No.vi. Irrigation channel 4 Major Targets Construction ofi. Main dam 4 No.ii. Spillway 4 No.iii. Coffer dams 4 No. District and Tehsil Ckakwal	0.000	969.844	691.580	278.264	0.000	0.000	0.000	278.264	0.000	278.264	0.000	0.000	0.000
2211	37	Name of the Scheme Rehabilitation and Improvement of Existing Dams and Irrigation Channels in Small Dams Organization Approval Date Approved 08-08-09 Major Components Rehabilitation / repair of existing channels Major Targets Acquisition of land for pond, irrigation dam and allied structures. District and Tehsil Rawalpindi, Jhelum, Chakwal, Attock , Rawalpindi, Gujar Khan Jhelum, Chakwal, Attock, Hazro	0.000	423.747	92.000	231.747	0.000	0.000	0.000	231.747	0.000	231.747	100.000	0.000	0.000
Sub-Total: Small Dams			0.000	8,247.230	2,405.757	1,356.382	0.000	0.000	0.000	1,356.382	0.000	1,356.382	478.000	300.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Buildings

2212	38	Name of the Scheme	Rehabilitation/Improvement of Rawal Dam Colony Islamabad and Chakwal Dams Colony Chakwal.	0.000	120.321	96.844	23.477	0.000	0.000	0.000	23.477	0.000	23.477	0.000	0.000	0.000
		Approval Date	Approved Revised 06-12-07													
		Major Components	To facilitate the field officers for discharging their duties efficiently.i. Roof treatment of the age old residential/office buildings.ii. Improvement of roads/ foot paths & boundary Walls.iii. Construction of water tanks.													
		Major Targets	i. Roof treatment of the age old residential/office buildings.ii. Improvement of roads/ foot paths & boundary Walls.iii. Construction of water tanks.													
		District and Tehsil	Chakwal , ChakwalIslamabad													
2213	39	Name of the Scheme	Constructing Offices of Area Water Boards of Lower Chenab Canal East & West Circles Faisalabad.	0.000	41.560	20.900	20.650	0.000	0.000	0.000	20.650	0.000	20.650	0.000	0.000	0.000
		Approval Date	Approved 24-09-07													
		Major Components	To provide an easy access to the farmers of canal commands for resolving their canal water related problems.Construction of office buildings 20,000 sft.													
		Major Targets	Construction of office buildings 20,000 sft.													
		District and Tehsil	Faisalabad , Faisala-bad													

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2214	40	Name of the Scheme	0.000	76.079	69.429	6.650	0.000	0.000	0.000	6.650	0.000	6.650	0.000	0.000	0.000
		Extension & Improvement of Hydraulic Research Station, Nandipur.													
		Approval Date													
		Approved Revised 17-09-09													
		Major Components													
		To improve & modernize the research station i. Up-gradation of hydraulic instrumentation section. ii. Creation of mathematation/ computer modeling section. iii. Modernization of museum hall. iv. Rehabilitation of residences in hydraulic research station													
		Major Targets													
		i. Up-gradation of hydraulic instrumentation section. ii. Creation of mathrummentation /computer modeling section. iii. Rehabililitation of residences hydraulic research station. iv. Procurement of													
		District and Tehsil													
		Gujranwala													
2215	41	Name of the Scheme	0.000	118.533	45.000	23.533	0.000	0.000	0.000	23.533	0.000	23.533	50.000	0.000	0.000
		Constructing Residential Colony for the Officers / Officials of Flood Bund Division Narowal													
		Approval Date													
		Approved 18.07.2009													
		Major Components													
		To provide residencs to officers / officials of Flood Bund Division Narowai) Construction of 77 residencial for grade 1 to 18 .													
		Major Targets													
		Construction of 77 residencial for grade 1 to 18 .													
		District and Tehsil													
		Narowal													

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2216	42	Name of the Scheme Improvement and Rehabilitation of Government Engineering Academy Complex	0.000	38.977	33.977	5.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	0.000	0.000
		Approval Date	Approved 13.10.2008												
		Major Components	Due to construction of fly over along the academy & to improve, update teaching as well as accommodation facility of the academy according to the present requirements. i. Construction / Improvement road network & surroundings & installation of gate.ii. Renovation, uplifting & protection of main buildingsiii. Purchase of equipments / machinery/ vehicles.ivProvision of parking facilitiesv. Electrification & sanitationvi. Improving, updating library & providing e- Library facilitiesvii. Construction of mosqueviii. Construction kitchen & tea hall in academic block.												
		Major Targets	i. Construction / Improvement Road Network & surroundings & installation of Gate.ii. Renovation, uplifting & protection of Main Buildingsiii. Purchase of Equipments / Machinery/ Vehicles.ivProvision of parking facilities.												
		District and Tehsil	Lahore												
2217	43	Name of the Scheme Construction of Residential Buildings in DG Khan Irrigation Zone, DG Khan.	0.000	88.279	83.279	5.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	0.000	0.000
		Approval Date	Approved 12.08.2008												
		Major Components	To provide residential accommodation to officers & staff of the zone103553 sft plinth area is required for the construction of residential buildings for officers and staff of D.G Khan Irrigation Zone.i. Earth workii. Brick workiii. Concrete work												
		Major Targets	Completion of residential building												
		District and Tehsil	Dera Ghazi Khan , D.G Khan												
Sub-Total: Buildings			0.000	483.749	349.429	84.310	0.000	0.000	0.000	84.310	0.000	84.310	50.000	0.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Miscellaneous

2218	44	Name of the Scheme	Establishment of Farmers Organizations under Institutional Reforms.	0.000	537.820	274.100	0.000	113.720	0.000	0.000	0.000	113.720	113.720	150.000	0.000	0.000
		Approval Date	Approved 08.08.09													
		Major Components	To transfer operation & Maintenance of Irrigation channels to the local communities/Farmer Organizations.i. Establishing 300 Farmer Organizations.ii. Social mobilizationiii. Training.													
		Major Targets	i. Establishing 100 Farmer organizations.ii. Social mobilizationiii. Training.													
		District and Tehsil	Punjab													
2219	45	Name of the Scheme	Establishment of Incubation & Facilitation Centre for New Consulting Firms in Irrigation & Power Departments	0.000	29.087	15.980	13.200	0.000	0.000	0.000	13.200	0.000	13.200	0.000	0.000	0.000
		Approval Date	Approved 13.08.2009													
		Major Components	To establish incubation and facilitation centre in Irrigation & Power Department to provide facilities like office space, hardware and software etc to new consulting firms for and intern period till the establishment of their own office.													
		Major Targets	To establish incubation and facilitation centre in Irrigation & Power Department to provide facilities like office space, hardware and software etc. to new consulting firms for and intern period till the establishment of their own office.													
		District and Tehsil	Punjab													
Sub-Total: Miscellaneous				0.000	566.907	290.080	13.200	113.720	0.000	0.000	13.200	113.720	126.920	150.000	0.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Foreign Aided Projects

2220	46	Name of the Scheme	Punjab Barrages Improvement Phase-II Project (PBIP-II) -Jinnah Barrage	11,887.750	12,673.990	13.935	85.000	15.000	1,000.000	0.000	1,085.000	15.000	1,100.000	1,382.000	2,400.000	7,778.055
		Approval Date	Un-Approved													
		Major Components	To provide sustainable canal supply to 2.1 Million Acre i Construction of Subsidiary Weir and appurtenant structures Rehabilitation of:ii. Main weir & allied componentsiii. U/S and D/S floorsvi. Gates & gearingv. Deployment of consultants and counterpart staff													
		Major Targets	Deployment of consultants and counterpart staffConstruction of: i. Cofferdamii. Sub Weir & Main Weir (right half)Renovation of buildingsiii) Implementation of social development action plan (SDAP).													
		District and Tehsil	Mianwali , Daudkhel													
2221	47	Name of the Scheme	Rehabilitation of LCC System Part-B.	6,673.841	9,142.248	5,943.272	114.000	1.000	1,150.000	0.000	1,264.000	1.000	1,265.000	1,935.000	0.000	0.000
		Approval Date	Approved 30.06.05													
		Major Components	To provide sustainable canal supply to 1.690 M acres of irrigated lands.i. Rehab of channels 2173 KM.ii. Bridges 231 No.													
		Major Targets	i. Rehab of channels 215 KM.ii. Bridges 40 No.													
		District and Tehsil	Faisalabad, Sheikhpura, Hafizabad, Toba Tek Singh , FSD, SKP, HFD, TTSGojra													

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2222	48	Name of the Scheme Lower Bari Doab Canal Improvement Project (PC-I).	13,741.000	17,176.200	1,502.580	200.000	100.000	2,000.000	0.000	2,200.000	100.000	2,300.000	2,313.000	5,500.000	5,560.620
		Approval Date	Approved 07.03.07												
		Major Components	To modernize the canal system, rehabilitation and to provide sustainable & integrated approach to the management of the LBDC System for an irrigated area of 1.700 M acres.i. Rehab & up gradation of Balloki Barrage 1 No.ii. Rehab & up gradation of LBDC System 2465 km & Refurbish existing B.S Link canal Head Regulatoriii. Deployment of Consultants 6 No.iv. Establishment of PMU 1 No.v. Institutional Reforms (formation of FOs 75 No.)vi.Construction of bridge over flood channel												
		Major Targets	i. Rehab & up gradation of LBDC System 50 KMii. Deployment of Consultants 6 No.iii. Establishment of PMU 1 No.iv.Institutional Reforms (formation of FOs 75 No.)v. Refurbisha. LBDC head regulatorb. BS Link head regulatorotvi.Costruction of Bridge over												
		District and Tehsil	Okara, Kasur, Sahiwal & Khanewal , OkaraKasurSahiwalKhanewal												
2223	49	Name of the Scheme Project Preparation of Punjab Irrigated Agriculture Improvement Programme (PIAIP) PC-II.	600.000	609.000	138.559	0.000	2.000	0.000	100.000	0.000	102.000	102.000	102.000	266.000	0.000
		Approval Date	Approved 07.03.07												
		Major Components	To prepare feasibility studies and detailed design for five No. of projects:i. Deployment of Consultantsii. Recruitment of counterpart staff.iii. Procurement of vehicles & equipment.												
		Major Targets	i. Deployment of Consultantsii. Recruitment of counterpart staff.iii. Procurement of vehicles & equipment.												
		District and Tehsil	Punjab												

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2224	50	<p>Name of the Scheme Optimization Canal and Ground Water Management to Assist Water User Association in Maximizing Crop Production and Managing Salinisation with Australian Assistance</p> <p>Approval Date approved 03-11-07</p> <p>Major Components To study rationale bases for water distribution within the Fos to improve livelihood through maximizing crop production and managing salinization. i. To obtain spatial crop, soil, and water availability & quality data to development tools capable of analysing hydrological, environmental and economic water management trade-off scenarios.ii.To uses of developed optimisation tools in a participatory mode with FO in Pakistan and stakeholder groups in Australia to help determine possible improved canal and groundwater management options.iii. To support PIDA and Farmer Organisations in the implementation of more equitable, economically efficient, hydrologically and environmentally sustainable canal and groundwater management options in the study areas.</p> <p>Major Targets i. To obtain spatial crop, soil, and water availability & quality data (Irrigation & drainage aspects, uses of water) to development tools capable of analysing hydrological, environmental and economic water management trade-off scenarios.ii. To use th</p> <p>District and Tehsil Jhang, Toba Tek Singh, Faisalabad , JhangT.T SinghFaisalabad</p>	44.820	79.689	19.082	0.000	0.912	0.000	13.088	0.000	14.000	14.000	22.000	24.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2225	51	<p>Name of the Scheme Renewable Energy Development Programme (REDSIP)- Construction of Marala Hydel Power Station.</p> <p>Approval Date Approved 19-09-07</p> <p>Major Components To generate 25 MW of Hydel Power energy and 160 Million Units at cheaper rates and to be sold out to WAPDA.i. Construction of 5 Hydropower Projects at Marala, Chianwali, Deg Outfall, LBDC & Pakpattan.ii. Construction of 5 Nos diversion head regulator for power channels. iii. Construction of 5 Nos Tail race channel.iv.Construction of 5 Nos Power House buildings.v. Installation of E&M equipments.v. Operation rooms/ Residential colonies etc.</p> <p>Major Targets i. Construction of diversion head regulator for power channel. ii. Construction of tail race channel.iii.Construction of power house buildings.iv. Operation room/ Residential colony etc.v. Procurement of equipments. vi. 350 acres of land will be acqu</p> <p>District and Tehsil Sialkot, Gujranwala, Sheikhpura Okara & Pakpattan , SialkotGujranwalaSheikhpuraOkaraPakpattan</p>	1,091.000	4,001.000	90.500	350.000	20.000	250.000	60.000	600.000	80.000	680.000	1,267.000	1,964.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2226	52	Name of the Scheme Punjab Irrigation System Improvement Project.	5,509.131	6,260.376	500.826	40.000	20.000	500.000	0.000	540.000	20.000	560.000	1,000.000	2,000.000	2,199.550
		Approval Date	Approved 13-08-07												
		Major Components	To modernize the canal system, rehabilitation and to provide sustainable and integrated approach to the management for an area of 1.350 Million Acres.i. Rehabilitation and up-gradation of 236 No. Distys and Minors 2120 KMii. Deployment of consultants 1 No.iii. Ground Water Management Programme. 1 No.iv. Institutional Development Reforms/ formation of FO's 70 No. v. Establishment of PMU 1 No.												
		Major Targets	i. Rehabilitation and up-gradation of Distys and Minors 100 KMii. Deployment of consultants 1 No.iii. Institutional Development Reforms/ formation of FO's 70 No. Iv. Establishment of PMU 1 No.												
		District and Tehsil	Lahore, Bahawalnagar, Bahawalpur, DGKhan, Rajanpur, Hafizpur, Faisalabad, Jhang & TT Singh , LahoreBahawalnagarBahawalpurDG KhanRajanpurHafizpurFaisalabadJhangTT Singh												
Sub-Total: Foreign Aided Projects			39,547.542	49,942.503	8,208.754	789.000	158.912	4,900.000	173.088	5,689.000	332.000	6,021.000	8,021.000	12,154.000	15,538.225
Total: ON-GOING SCHEMES			39,547.542	70,606.711	16,195.403	4,902.302	314.610	4,900.000	173.088	9,802.302	487.698	10,290.000	11,323.000	13,151.000	15,571.477

NEW SCHEMES

Survey Investigation & Research

2227	53	Name of the Scheme Feasibility Study for Dadocha Dam	0.000	5.000	0.000	5.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	0.000	0.000
		Approval Date													
		Major Components	i. Soil investigation, ii. Site selection, iii. To investigate availability of inflow												
		Major Targets	Survey for dam site, land acquisition and sub-surface soil investigation												
		District and Tehsil	Rawalpindi												

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)
						Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2228	54	Name of the Scheme Approval Date Major Components Major Targets District and Tehsil	Design Review of Kalabagh Dam Un-Approved To augment water resources for developing Agro based industry:i. Deployment of Engg. Staffii. Design Review i. Deployment of Engg. Staffii. Design Review Mianwali , Daudkhel	0.000 500.000	0.000	1.000	0.000	0.000	0.000	1.000	0.000	1.000	1.000	1.000	0.000
2229	55	Name of the Scheme Approval Date Major Components Major Targets District and Tehsil	Feasibity study for Lake on the River Sutlej Near Bahawalpur City Un-Approved To develop a lake on river Sutlej near Bahalpur city Deployment of consultant to accertain feasibilty of lake and availability of water through the year. Deployment of consultant to accertain feasibilty of lake and availability of water through the year. Bahawalpur	0.000 5.000	0.000	5.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	0.000	0.000
Sub-Total: Survey Investigation & Research			0.000	510.000	0.000	11.000	0.000	0.000	0.000	11.000	0.000	11.000	1.000	1.000	0.000
Irrigation															
2230	56	Name of the Scheme Approval Date Major Components Major Targets District and Tehsil	Rehabilitation of Noshera Distributary System. Un-Approved Earth work/concrete lining/side protection/repair of structures/gates & gearing To improve conveyance efficiency of the channels, ensuring unintrupted supply and equitable distribution of canal water Gujranwala , Gujranwala Sheikhpura	0.000 900.000	0.000	19.000	0.000	0.000	0.000	19.000	0.000	19.000	300.000	299.000	282.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2231	57	Name of the Scheme Construction of VR Bridge at RD 129+600 Lower Chenab Canal	0.000	36.000	0.000	36.000	0.000	0.000	0.000	36.000	0.000	36.000	0.000	0.000	0.000
		Approval Date	Un-Approved												
		Major Components	Earth Work, Stone Work, Concrete Work, Steel Work, Brick Work												
		Major Targets	In order to provide shortage and easy means of communications to population of 25000 inhabitanee villages Ahmadpur, Kotli Amer Singh, Kot Sora, Kot Sujana, Mangat Nivha and Sagar. Construction of VR Bridges												
		District and Tehsil	Hafizabad												
2232	58	Name of the Scheme Widening of 3 No Foot Bridges on UJC at :i. RD 264+950 ii. RD 293+105iii. RD 390+650	0.000	15.000	0.000	15.000	0.000	0.000	0.000	15.000	0.000	15.000	0.000	0.000	0.000
		Approval Date	Un-Approved												
		Major Components	Earth Work, Stone Work, Concrete Work, Steel Work, Brick Work												
		Major Targets	Widening of 3 No Foot Bridges. In order to facilitate in inhabitants of the area / villages situated along this major canal, so that they may be able to move agriculture machinery and public services transport to either side of the canal, Widening of thes												
		District and Tehsil	Gujrat , Kharian												
2233	59	Name of the Scheme Protecting Banks of Rasul Qadirabad Link Canal From RD 129+000 to RD 145+256(tail)	0.000	50.000	0.000	50.000	0.000	0.000	0.000	50.000	0.000	50.000	0.000	0.000	0.000
		Approval Date	Un-Approved												
		Major Components	To strenthen the canal bank to avoid breaches. Earth work .												
		Major Targets	Earth work												
		District and Tehsil	Mandi Bahauddin												

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2234	60	Name of the Scheme Construction of Kirto Minor of taking from Muridke Disty Approval Date Un-Approved Major Components Earth Work, Concrete Work, Steel Work, Brick Major Targets Construction of 14000 ft long minor, Head regulator and outlets District and Tehsil Sheikhupura , Muridke	0.000	7.000	0.000	7.000	0.000	0.000	0.000	7.000	0.000	7.000	0.000	0.000	0.000
2235	61	Name of the Scheme Rehabilitation of Muridke Distributary System. Approval Date Un-Approved Major Components Brick work/Earth work/Restoration of structures. Major Targets To improve conveyance efficiency of the channels, ensuring unintrupted supply and equitable distribution of canal water District and Tehsil Sheikhupura , Muridke	0.000	400.000	0.000	10.000	0.000	0.000	0.000	10.000	0.000	10.000	200.000	190.000	0.000
2236	62	Name of the Scheme Rehabilitation of Shahdara Distributary System. Approval Date Un-Approved Major Components Earth work/concrete lining/side protection/repair of structures/gates & gearing Major Targets To improve conveyance efficiency of the channels, ensuring unintrupted supply and equitable distribution of canal water. District and Tehsil Sheikhupura	0.000	350.000	0.000	10.000	0.000	0.000	0.000	10.000	0.000	10.000	200.000	140.000	0.000
2237	63	Name of the Scheme Construction of New Gated X-Regulator at RD 56+245 Mailsi Canal Approval Date Un-Approved Major Components Earth Work, Concrete Work, Steel Work, Brick Work Major Targets Construction of 1 No X-Regulator District and Tehsil Vehari , Mailsi	0.000	15.000	0.000	15.000	0.000	0.000	0.000	15.000	0.000	15.000	0.000	0.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2238	64	Name of the Scheme Remodeling of SMB Link Canal and Enhancing Capacity of Mailsi Syphon	0.000	2,650.000	0.000	150.000	0.000	0.000	0.000	150.000	0.000	150.000	500.000	700.000	1,300.000
		Approval Date	Un-Approved												
		Major Components	Mitigation of canal water shortage in Bahawal Canal System (i) Construction of additional barrel to the Syphon. (ii) Installation of additional gate upstream of the syphon barrel. (iii) remodeling of lined portion of SMB Link Canal (RD 76+221 TO RD 3374+983), (iv) Remodeling of unlined portion of SMB Link Canal RD 0+0000 to RD 76+221), (v) Cross Regulators & Escape Structures . (vi) Bridges												
		Major Targets	Earth Work in 15 miles length												
		District and Tehsil	Vehari , Mailsi												
2239	65	Name of the Scheme Selective Lining of Irrigation Channels in Punjab Phase-II	0.000	990.000	0.000	130.000	0.000	0.000	0.000	130.000	0.000	130.000	300.000	560.000	0.000
		Approval Date	Approved 8.8.2009												
		Major Components	Improving conveyance of irrigation water facilitating the farmers for better irrigation. Concrete lining 200 miles												
		Major Targets	Concrete Lining 30 miles.												
		District and Tehsil	Punjab												
Sub-Total: Irrigation			0.000	5,413.000	0.000	442.000	0.000	0.000	0.000	442.000	0.000	442.000	1,500.000	1,889.000	1,582.000
Drainage															
2240	66	Name of the Scheme Rehabilitation and improvement of Chill drainage system in distt Attock	0.000	22.000	0.000	22.000	0.000	0.000	0.000	22.000	0.000	22.000	0.000	0.000	0.000
		Approval Date	Un-Approved												
		Major Components	To desilt various drains and to improve the structure												
		Major Targets	To check water logging area in Chhach area												
		District and Tehsil	Attock , Hazro												

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2241	67	Name of the Scheme Remodeling of Mona Drainage System Approval Date Approved 8.8.2009 Major Components To improve Drainage facilities for an area of 25 sq km Construction of new drains 12 km Construction of 14 No bridges Construction of 22 No inlets & 1 No siphon Land acquisition 50 acres Major Targets Land Acquisition Construction of 5 No bridges Construction of 6 Km drain District and Tehsil Sargodha , Sargodha & Bhalwal	0.000	177.521	0.000	25.000	0.000	0.000	0.000	25.000	0.000	25.000	153.000	0.000	0.000
2242	68	Name of the Scheme Enhancing Capacity of Charar Drain to Catter for Rain Water of Ringroad Approval Date Approved 08.08.2009 Major Components Efficient disposal of rain water of Ringroad and its catchment. Remodelling of drain in 12 miles. ii. 20 V.R bridges and allied structure. iii. Remodelling of outfall structure. Major Targets i. Remodelling of drain in 4 miles ii. 5 V.R bridges and allied structure. iii. Remodelling of outfall structure. District and Tehsil Lahore	0.000	248.180	0.000	50.000	0.000	0.000	0.000	50.000	0.000	50.000	198.000	0.000	0.000
2243	69	Name of the Scheme Rehabilitation of Drainage System in Sargodha Irrigation Zone Approval Date Approved 08-08-09 Major Components To improve drainage facilities for an area of 25 sq Km Construction of new drains 12 Km Construction of 14 No bridges Construction of 22 No inlets & 1 No siphon Land acquisition 50 acres Major Targets Land Acquisition Construction of 5 No bridges Construction of 6 Km drain District and Tehsil Sargodha, Gujrat, Jhelum, Mandi Bahauddin, Khushab & Mianwali , Sargodha, Gujrat, Jhelum, M.B Din, Khushab & Mianwali	0.000	324.487	0.000	25.000	0.000	0.000	0.000	25.000	0.000	25.000	150.000	150.000	0.000
Sub-Total: Drainage			0.000	772.188	0.000	122.000	0.000	0.000	0.000	122.000	0.000	122.000	501.000	150.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013		
						Local		Foreign Aid		Total					G. Total (Cap+Rev)	
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Flood Works																
2244	70	Name of the Scheme	Channelization of Aik Nullah and Improving Drainage System in Distt Sialkot	0.000	540.180	0.000	25.000	0.000	0.000	0.000	25.000	0.000	25.000	225.000	290.000	0.000
		Approval Date	Approved 08.08.2009													
		Major Components	Channellization of Aik Nullah													
		Major Targets	Channellization of Aik Nullah													
		District and Tehsil	Sialkot													
2245	71	Name of the Scheme	Management of Hill Torrents in DG Khan Irrigation Zone Sori Lund, Vidore, Mithawan, Kaha and Chachar(Vidore Hill Torrents)	0.000	716.577	0.000	40.000	0.000	0.000	0.000	40.000	0.000	40.000	300.000	377.000	0.000
		Approval Date	Un-Approved													
		Major Components	In order to provide 25397 acres area will be irrigated after completion of the project. To provide irrigation water supplies to 0.120 M acres of Pachad area & protection of 0.045 M acres of 5No. Villages against H/T water. Construction of (i) Distributors =2 No.(ii)Embankments=152.5 KM.													
		Major Targets	Construction of i. Distributors 3No.ii.Embankments 33 miles.iii. Deployment of consultants.													
		District and Tehsil	Dera Ghazi Khan, Rajanpur , DG KhanRajanpurJampur													
Sub-Total: Flood Works				0.000	1,256.757	0.000	65.000	0.000	0.000	0.000	65.000	0.000	65.000	525.000	667.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Small Dams

2246	72	Name of the Scheme	Rehabilitation of Chani Bore Dam and its allied works	0.000	45.000	0.000	45.000	0.000	0.000	0.000	45.000	0.000	45.000	0.000	0.000	0.000
		Approval Date	Un-Approved													
		Major Components	Raising of Main Dam & Spillway, Rehabilitation of inspection hut, Rehabilitation of Approach road and Rehabilitation of Channel & minors													
		Major Targets	To increase the storage capacity and to restore, protect and improve irrigation system and existing infrastructure.													
		District and Tehsil	Attock , Jhand													
Sub-Total: Small Dams				0.000	45.000	0.000	45.000	0.000	0.000	0.000	45.000	0.000	45.000	0.000	0.000	0.000

Buildings

2247	73	Name of the Scheme	Construction of Community Centre at Canal Colony Thokar Niazbeg	0.000	5.000	0.000	5.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	0.000	0.000
		Approval Date	Un-Approved													
		Major Components	To facilitate the inhabitants of the colony for easy access of day to day utilities. Construction of Community Centre													
		Major Targets	Construction of Community Centre													
		District and Tehsil	Lahore													
Sub-Total: Buildings				0.000	5.000	0.000	5.000	0.000	0.000	0.000	5.000	0.000	5.000	0.000	0.000	0.000

IRRIGATION

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
						Local		Foreign Aid		Total					G. Total (Cap+Rev)
			F. Aid	Total		Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Miscellaneous

2248	74	Name of the Scheme	Reboring of 319 No. Tubewells in Tube Well Operation Division Sargodha	0.000	783.220	0.000	25.000	0.000	0.000	0.000	25.000	0.000	25.000	200.000	242.000	316.220
		Approval Date	Un-Approved													
		Major Components	In order to lowers sub soile water logging problem and to re-claim 1,40,000 fertile land. Reboring of 319 No, Installation of													
			i. Hosing Filter, ii. Bail Plug, iii. Blind Pipe,iv. 2.5 Cs Turbine Pumping set with PUPM House.v. Operator quarter for 319 No. Tubewells blind pipe vi. 1.0 Cs centrifugal with pump house													
		Major Targets	Reboring 100 No. Tubewells													
		District and Tehsil	Sargodha, Bhalwal, Bandi Bahauddin, Phalia , Sargodha & Mandi Bahauddin													
Sub-Total: Miscellaneous				0.000	783.220	0.000	25.000	0.000	0.000	0.000	25.000	0.000	25.000	200.000	242.000	316.220
Total: NEW SCHEMES				0.000	8,785.165	0.000	715.000	0.000	0.000	0.000	715.000	0.000	715.000	2,727.000	2,949.000	1,898.220
Grand Total				39,547.542	79,391.876	16,195.403	5,617.302	314.610	4,900.000	173.088	10,517.302	487.698	11,005.000	14,050.000	16,100.000	17,469.697