

ANNEX 8: The Latest Time Bound Action Plan

(up to February 17, 2011)

Action	Responsible Person (Agency)	Target Date	Status	Revised Date as per 3rd JMM	Proposed by PIDA
I (PISIP/SIAP) Revision of PC-I					
Approval by the Federal CDWP	Head-PMO, PISIP	15/08/2010	In Process, Provincial Government approved revised PC-I on August 08, 2010. The matter is pending with federal government. PMO-PISIP is actively pursuing the matter with Planning Commission. It is expected that it will be approved in CDWP by the end of March, 2011.	28-02-2011	31-03-2011 (Mentioned by PMO PISIP)
Approval by ECNFC	Head-PMO, PISIP	15/11/2010		31-03-2011	31-05-2011
II (PISIP/SIAP) Institutional Reforms of Irrigation Management					
1. LCC (East) Circle					
Election of FOs.	CE/AWB-LCC (East)	30/06/2010	Elections of 67 FOs out of 85 have been completed. Election schedule in 18 is pending due to litigation. 63 cases out of 128 have been disposed of by LCC.	15-02-2011	31-03-2011
IMI to FOs.	CE/AWB-LCC (East)	31/08/2010	Revised Rules have been notified and IMI agreement has also been revised in the light of these amendments and process of agreement is underway.	31-01-2011 (For already elected FOs)	28-02-2011
Approval of the training plan	GM/PIDA	31/07/2010	Done		
Completion of initial training to FOs	CE/AWB-LCC (East)	31/12/2010	After the approval of implementation schedule of training by the competent authority the initial process for foundation training has been started. For this purpose an advertisement has been floated in the National News Papers to collect the bids from the bidders.	31-03-2011	31-10-2011
Election of AWB members	CE/AWB-LCC (East)	31/10/2010	Instructions issued to Chief Executive AWB for election.	28-02-2011	30-04-2011
2. Bahawalnagar Canal Circle					
IMI to FOs	CE/AWB-BNG	31/08/2010	Revised Rules have been notified and IMI agreement has also been revised in the light of these amendments and process of signing of agreement is underway.	31-01-2011	28-02-2011
Approval of the training plan	GM/PIDA	31/07/2010	Done		
completion of initial training to FOs	CE/AWB-BNG	31/01/2011	After the approval of implementation schedule of training by the competent authority the initial process for foundation training has been started. For this purpose an advertisement has been floated in the National News Papers to collect the bids from the bidders.	31-03-2011	31-10-2011

Action	Responsible Person (Agency)	Target Date	Status	Revised Date as per 3rd JMS	Proposed by PIDA
Election of AWB members	CE/AWB-BNG	31-08-2010	Instructions issued to Chief Executive AWB for election	20-03-2011	30-04-2011
Establishment and activation of AWB	CE/AWB-BNG	30-09-2010	AWB Bahawalpur Canal Circle will be activate after the election of members AWB/ Chairmen AWB and Vice Chairmen AWB.	31-03-2011	31-05-2011
Completion of training to AWB	GM/PIDA	31-10-2010	after the activation of AWB training will be organized for the members of AWB	01-05-2011	30-06-2011
(PISIP) Procurement of equipment	GM/PIDA	30-11-2010	For procurement of Furniture and Equipments, bids have been invited, opened and technically evaluated. Financial approval is under way. The procurement will be made after the clearance from austerity committee Government of Punjab. For this purpose request has already been submitted accordingly.	24-12-2010	30-04-2011
(PISIP) Procurement of vehicle	GM/PIDA	30-11-2010	Linked with approval of revised PC-I		
3. Dera Jat Canal Circle					
Election of concerning Kial Panchnayats	CE/AWB-DJT	31-07-2010	Delayed. Election notification has been issued by the authority on 15.05.2010. Elections in 2578 KPs out of 3473 have been completed. Process delayed due to involvement of staff in flood relief activities.	31-05-2011	31-05-2011
Election of FOs	CE/AWB-DJT	31-08-2010	Election in 54 out of 90 FOs have also been completed. Process delayed due to flood relief activities. Will be restarted in first week of January, 2011.	15-06-2011	31-07-2011
INT to FOs.	CE/AWB-DJT	31-10-2010	-	15-07-2011	31-08-2011
Approval of the training plan	GM/PIDA	31-07-2010	Done		
completion of initial training to FOs	CE/AWB-DJT	31-09-2011	After the approval of implementation schedule of training by the competent authority the initial process for foundation training has been started. For this purpose an advertisement has been floated in the National News Papers to collect the bids from the bidders.	31-03-2011 (for existing FOs)	31-10-2011
Election of AWB members	CE/AWB-DJT	31-10-2010	-	31-07-2011	30-09-2011
Establishment and Activation of AWB	CE/AWB-DJT	30-11-2010	-	15-08-2011	31-10-2011
Completion of training to AWB	CE/AWB-DJT	31-12-2010	-	31-08-2011	30-11-2011
(PISIP) Procurement of equipment	GM/PIDA	30-11-2010	For procurement of Furniture and Equipments, bids have been invited, opened and technically evaluated. Financial approval is under way. The procurement will be made after the clearance from austerity committee Government of Punjab. For this purpose request has already been submitted accordingly.	28-02-2011	30-04-2011
(PISIP) Procurement of vehicle	GM/PIDA	30-11-2010	Linked with approval of PC-I		

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Action	Responsible Person (Agency)	Target Date	Status	Revised Date as per 3rd JMM	Proposed by PIDA
4. LCC(W) Circle					
Approval of the training plan	GM/PIDA	31-07-2010	Done		
Commencement of preparation of re-election	CE/AWB-LCC(W)	01-01-2011	-	01-07-2011	01-07-2011
Re-election of FOs	CE/AWB-LCC(W)	30-04-2011		Chair directed PIDA to move for extension in FOs tenure. PIDA mentioned 30-10-2011 as date for completion of re-elections	31-10-2011
Completion of initial training to FOs	CE/AWB-LCC(W)	31-10-2011			
JME	CE/AWB-LCC(W)	30-06-2011		30-11-2011 (after re-election as proposed by PIDA)	30-11-2011
Re-election of AWB members	CE/AWB-LCC(W)	30-06-2011		31-01-2012	
5. Amendment of PIDA Rules					
Approval by Law Department	GM/PIDA	15-06-2010	Done		
Approval by Chief Minister	GM/PIDA	30-06-2010	Done		
6. Training Materials					
Redrafting the revised training materials & internal examination	GM/PIDA	31-07-2010	1st Draft of training material has been prepared and submitted to LCA for review	31-01-2011	30-04-2011
Internal examination & finalization at PIDA	GM/PIDA	31-08-2010	In Process	10-02-2011	31-05-2011
III. (PISIP/SIAP) Water Saving Technologies					
I. Office Arrangement					
Setting up Faisalabad office	CE/AWB-LCC(W)	15-06-2010	Office space allocated, office setup is completed. procurement of furniture & equipment is underway		
Setting up Bahawalnagar office	CE/AWB-BNG	15-06-2010	do		
Setting up Dera Jai office	CE/AWB-DJF	15-06-2010	do		
Filling up of vacant position of PISIP- SIAP	PMO PISIP		Application have been received further processing is in progress		25-04-2011

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Action	Responsible Person (Agency)	Target Date	Status	Revised Date as per 3rd JMM	Proposed by PIDA
(PISIP) Procurement of equipment	GM/PIDA	31.11.2010	For procurement of Furniture and Equipments, bids have been invited opened and technically evaluated. Financial approval is under way. The procurement will be made after the clearance from austerity committee Government of Punjab. For this purpose request has already been submitted accordingly.		30.04.2011
(PISIP) Procurement of technical service	GM/PIDA	31.08.2010	Physical work for Rabi 2011 is completed. Plan for charter 2011 is in process.		15.04.2011
(PISIP) Procurement of vehicle	GM/PIDA	30.11.2010	Linked with approval of PC-I. For time-gap arrangements, PIDA has provide 4 vehicles.		
4. Confirmation of Administration Mechanism					
(SIAP) Capacity building and training	GM/PIDA	15.06.2010	Done		
IV (PISIP) Audit					
Submission of Engagement Letter to JICA	Head-PMO/PISIP	31.07.2010	Done		
Submission of audit report for FY 2009-10	Head-PMO/PISIP	31.03.2011	In process		31.03.2011
V (PISIP) Ground Water Management					
Database of Existing & Proposed Quality Points	SPRU, DLR	30.09.2010	Done		
Development of GIS Based Maps	SPRU, DLR	30.09.2010	Done		
Tubewell Inventory Data	SPRU, DLR	30.09.2010	Done		
Groundwater Monitoring Activities	SPRU, DLR	31.12.2010	Done		
Socio-Economic Data Collection and Analysis	SPRU, DLR	31.12.2010	In process		

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ANNEX 9: Proposed Revision of the Project Design Matrix (PDM)

Version: Ver. 2
Date: February 21, 2011

Project Title: The Strengthening Irrigated Agriculture through Participatory Irrigation Management in the Punjab Province
Implementing Agencies: of Irrigation and Power Department, Punjab (IPD) and Punjab Irrigation and Drainage Authority (PIDA) in collaboration with Punjab Agriculture Department (PAD)
Project Period: 4 years and 1 month (Mar. 2009 - Mar. 2013)
Target Area: Bahawalnagar Canal Circle in Bahawalpur Irrigation Zone, Lower Chenab Canal West (LCC (W)) Circle in Faisalabad Irrigation Zone, and Dera Jat Canal Circle in DG Khan Irrigation Zone
Main pilot areas are in Bahawalnagar Canal Circle and LCC (W) Circle, while sub pilot area is in Dera Jat Canal Circle
Target Group: Area Water Boards (AWBs), Farmer's Organizations (FOs) and relevant staff of government organizations in the target area

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
Overall Goal The established model of appropriate irrigation management system is disseminated in Bahawalnagar Canal Circle in Bahawalpur Irrigation Zone, LCC (W) Circle in Faisalabad Irrigation Zone and Dera Jat Canal Circle in DG Khan Irrigation Zone.	1 The number of FOs which are benefited from the established model exceeds 15% of all FOs in the target area by year 2018.	Activity records of AWBs/FOs in the target area Record of IPD, PIDA and PAD	<ul style="list-style-type: none"> There is no drastic change in climatic conditions. Irrigation management transfer policy and functions of related agencies are maintained by the Government of Punjab.
Project Purpose The model of appropriate irrigation management system is established through verification activities in the pilot areas.	1 The training manuals and operational references for AWBs/FOs are utilized in the main pilot areas. 2 More than 25% of the farmers in the model areas are willing to apply at least one of the promoted technologies. 3 More than 50% of the KP chairmen in the main pilot areas who were provided with technical promotion materials have favorable responses to apply at least one of the promoted technologies. 4 More than 50% of the participants of TOT apply the learning to support farmers and AWBs/FOs in the main pilot areas.	Project records and activity records of AWBs/FOs Field surveys and interviews Field surveys and interviews Project records and interviews	<ul style="list-style-type: none"> There is no drastic change in climatic conditions. Security situations in the target area do not become extremely unstable. No drastic change in laws, rules and regulations relevant to the AWBs/FOs that is contradictory to the Project outcomes is introduced. The Yen Loan Project i.e. Punjab Irrigation System Improvement Project (PISIP) is duly implemented in the target area.
Outputs 1 Training materials and operational references are improved/developed to strengthen and sustain the efforts on AWBs/FOs 2 Appropriate water saving irrigation technologies established in the model areas are promoted in the main pilot areas. 3 Capacities for training and guidance are improved among relevant government personnel such as IPD, PIDA, and PAD.	1-1 Training materials are made available to AWBs/FOs in main pilot areas. 1-2 Operational references are made available to AWBs/FOs in main pilot areas. 2-1 Technical promotion materials are provided to at least 50% of the farmers in the model areas. 2-2 Technical promotion materials are provided to at least 70% of the KP chairmen in the main pilot areas 3-1 TOT manuals are compiled. 3-2 At least 30% of staffs of IPD, PIDA and PAD who are related to TOT in the future receive the TOT.	Project records Project records Project records, field surveys and interviews Field surveys and interviews Project records Project records	<ul style="list-style-type: none"> Security situations in pilot areas do not become extremely unstable. No major dispute or conflict occur within the FOs and among the farmers in the pilot areas. There is no drastic change in climatic conditions. There is no drastic change in the price of agro-inputs and produce.
Activities 1. Strengthening of AWBs/FOs 1-1 Revise the PIDA's training materials for AWBs/FOs in reference to the guidelines/manuals developed in the AWB / Lower Chenab Canal (East) Circle by the foregoing project, i.e. Capacity Building for Irrigation Management (CBIM). 1-2 Monitor the utilization of the training materials for the AWBs/FOs and conduct the on-site verification. 1-3 Improve the training materials for AWBs/FOs, based on the results of the on-site verification. 1-4 Develop operational references for AWBs/FOs. 2. Water Saving Irrigation Technologies 2-1 Formulate technical promotion materials of water saving irrigation technologies through verification in the model areas. 2-2 Conduct additional activities to enhance promoting the technologies. 2-3 Conduct dissemination. 3. Capacity Building Methodologies 3-1 Develop the Training of Trainers (TOT) for government staffs who provide guidance to the AWBs/FOs and farmers. 3-2 Improve the Training of Trainers (TOT). 3-3 Disseminate and share the outcomes and experiences of the Project.	<p style="text-align: center;">Inputs</p> Japanese Side 1. Japanese experts Long-term experts: - Chief Advisor / Strengthening of AWBs/FOs - On-farm Water Management / Water Saving Irrigation - Project Coordination / Training Short-term experts in the relevant fields (if necessary) 2. Machinery and equipments 3. Training of counterpart personnel overseas 4. Local costs (if and when necessity arises)	Pakistani Side 1. Counterpart and administrative personnel 2. Office space and equipments 3. Model area and facilities in the pilot areas 4. Local costs	<ul style="list-style-type: none"> Security situations in pilot areas do not become extremely unstable. No major dispute or conflict occur within the FOs and among the farmers in the pilot areas. There is no drastic change in climatic conditions. <p style="text-align: center;">Preconditions</p> <ul style="list-style-type: none"> Collaborative coordination is made among the implementing agencies. The AWBs/FOs and farmers in the target area are willing to participate in the Project activities. Security situations in pilot areas do not become extremely unstable. The Government of Punjab secures necessary budget for the Mega Project (2007-2012) to introduce water saving technologies.

It should be noted that capacity building of the relevant stakeholders who serve farmers is the fundamental requirement and thus initial step to realize the appropriate irrigation management system. Therefore, the model to be established as the Project purpose is the model for the capacity building.

Major Points of the Proposed Revision of the PDM

Part of the PDM modified	Description in the Original PDM	Proposed Revision	Explanation
OVI for Overall Goal	The number of FOs which apply the established model of appropriate irrigation management exceeds 15% of all FOs in the target area by year 2018.	The number of FOs which are benefitted from the established model exceeds 15% of all FOs in the target area by year 2018.	As the model to be established by the Project is re-defined as the model of capacity building, the FOs are to be benefitted, unlike the original notion that the FOs would apply some model to carry out their activities.
Means of Verification of indicators for Overall Goal	Activity records of AWBs/FOs in the target area	1. Activity records of AWBs/FOs in the target area 2. Record of IPD, PIDA and PAD	Since the implementing agencies are to carry out activities to enhance capacities of the FO, their records should also be the sources of information.
Important Assumption from Project Purpose to Overall Goal	There is no drastic change in climatic conditions.	* There is no drastic change in climatic conditions. * Security situations in the target area do not become extremely unstable. * No drastic change in laws, rules and regulations relevant to the AWBs/FOs that is contradictory to the Project outcomes is introduced.	* The assumption on security situation in target area is to be added, which would affect the future activities to attain the overall goal. * Another assumption on continuity of legal framework is to be added based on the experience that some of the activities were delayed due to the amendment of PIDA Rules.
Project Purpose	(Definition of the model) The model to be established as the Project Purpose consists of holistic approaches that integrate the strengthening of AWBs/FOs, water saving technologies, and improvement of extension and training methodologies.	(Definition of the model) It should be noted that capacity building of the relevant stakeholders who serve farmers is the fundamental requirement and thus initial step to realize the appropriate irrigation management system. Therefore, the model to be established as the Project purpose is the model for the capacity building.	It was originally assumed that an integrated approach for the AWBs/FOs to properly manage irrigation facilities and to promote the water saving technologies would be established, which also facilitates the support services rendered by government officers. However, due to the delay of the activities, the Project may not be able to reach to the stage to come up with a model of actual work to be done in the field. Therefore, the model to be established will be limited to be a model of capacity building.
OVI for Project Purpose	1. The manuals/guidelines for AWBs/FOs are compiled and applied in the main pilot areas. 2. Water productivity in the main pilot areas is increased by 5%. 3. More than 50% of the government staff of IPD, PIDA and extension related staff of PAD trained through TOT by the Project apply the obtained knowledge /methods /techniques to support farmers and members of AWBs/FOs in the main pilot areas.	1. The training manuals and operational references for AWBs/FOs are utilized in the main pilot areas. 2. More than 25% of the farmers in the model areas are willing to apply at least one of the promoted technologies. 3. More than 50% of the KP chairmen in the main pilot areas who were provided with technical promotion materials have favorable responses to apply at least one of the promoted technologies. 4. More than 50% of the participants of TOT apply the learning to support farmers and AWBs/FOs in the main pilot areas.	1. Since The words "guidelines/manuals" is changed to "training manuals and operation references" in the output 1, the expression in OVI was also to be changed. The FOs may not fully apply the guidelines/manuals by the end of the Project due to the delay in implementation of the activities, thus the utilization should be the indicator. 2. & 3. It was found to be difficult to attain the 5% increase, therefore the willingness of farmers at the model area and favorable responses of the KP chairman should be measured as indicators. The target of 25%, i.e. the half of the 50% of the output 2 indicator is set as one of the indicators for the Project purpose. 4. As the TOT has been conducted with participants from different agencies but in the uniform occasions, one indicator can serve to assess the degree of application.
Means of Verification of indicators for Project Purpose	1. Project records and activity records of AWBs/FOs 2. Sample surveys in the field 3. Project records and interviews	1. Project records and activity records of AWBs/FOs 2. Field surveys and interviews 3. Field surveys and interviews 4. Project records and interviews	As the indicator 2 was modified and one more indicator was added, means of verification were changed accordingly.

Important Assumption from Output to Project Purpose	<ul style="list-style-type: none"> * Security situations in pilot areas do not become extremely unstable. * No major dispute or conflict occur within the FOs and among the farmers in the pilot areas. 	<ul style="list-style-type: none"> * Security situations in pilot areas do not become extremely unstable. * No major dispute or conflict occurs within the FOs and among the farmers in the pilot areas. * There is no drastic change in climatic conditions. * There is no drastic change in the price of agro-inputs and produce. 	Two more assumption was added, as the climatic condition and cost of inputs for agricultural production may affect the willingness of farmers on application of water saving technologies.
Output 1	Guidelines/manuals are improved and utilized to strengthen and sustain the efforts of AWBs/FOs.	Training materials and operational references are improved/developed to strengthen and sustain the efforts on AWBs/FOs.	Guidelines/manuals developed by CBIM have become inapplicable as a whole due to the amendment of PIDA Rules. Instead, the PIDA is preparing the training materials referring to the CBIM guidelines/manuals. There has also been request to address the necessity of operational references such as O&M manuals for FOs and AWBs. The modification is to incorporate these changes.
OVI for output 1	The improved manuals/guidelines are compiled and made available to AWBs/FOs.	<ol style="list-style-type: none"> 1. Training materials are made available to AWBs/FOs in main pilot areas. 2. Operational references are made available to AWBs/FOs in main pilot areas. 	Change of the wording is needed in accordance with the change in the narrative of the output. Separate indicators are necessary for different outputs, i.e. training materials and operational references.
OVI for output 2	<ol style="list-style-type: none"> 1. Guidelines on the water saving technologies are compiled and made available to the farmers in the main pilot areas. 2. More than 10% of the farmers in the main pilot areas apply at least one of the water saving technologies recommended by the Project. 	<ol style="list-style-type: none"> 1. Technical promotion materials are provided to at least 50% of the farmers in the model areas. 2. Technical promotion materials are provided to at least 70% of the KP chairmen in the main pilot areas. 	<ol style="list-style-type: none"> 1. The word "guidelines" is changed to "technical promotion materials" due to the limited time for verification. Target figure for the coverage in the model area is also added. 2. Due to the time constraints, it will be difficult to set target indicator on actual application by the farmers. Target coverage is set as 70%, considering the approximate average of attendance to FO meetings of KP chairmen who represent the watercourses.
Means of Verification of indicators for output 2	<ol style="list-style-type: none"> 1. Project records 2. Field surveys and interviews 	<ol style="list-style-type: none"> 1. Project records, field surveys and interviews 2. Project records, field surveys and interviews 	Both of the revised indicators need information from all of the three sources.
Output 3	Capacity building methodologies are improved for relevant government staffs such as IPD, PIDA, and PAD personnel as well as for the officials of the organizations at farmers' level such as AWBs/FOs.	Capacities for training and guidance are improved among relevant government personnel such as IPD, PIDA, and PAD.	The Project conducted uniform TOT to the target participants, unlike the original assumption that there would be separate TOT for extension related officers and for staff of IPD and PIDA. Also, the representatives of the farmers are not included in TOT; they are rather to be trained under the activities for output 1. Thus the expression is modified.
OVI for Output 3	<ol style="list-style-type: none"> 1. Training manuals, textbooks and information materials are compiled. 2. At least 25 staff of IPD and PIDA receive the TOT. 3. At least 20 extension related staff of PAD receive the TOT on extension methodology. 4. At least 15 officials of the organizations at farmers' level such as AWBs/FOs receive the TOT. 	<ol style="list-style-type: none"> 1. TOT manuals are compiled. 2. At least 30% of staffs of IPD, PIDA and PAD to be concerned with TOT in the future receive the TOT. 	<ol style="list-style-type: none"> 1. Since the text books and information materials are to be a part of the manual, expression is modified. 2. Original indicator 2 & 3 are integrated as one since the TOT is conducted in uniform manner, not differentiate extension related officers from staff of IPD and PIDA. The target figure was tentatively set based on the general assumption as there have not been available data on the total population of the candidates of TOT participants.

Important Assumption from Activities to Outputs	N/A	<ol style="list-style-type: none"> 1. Security situations in pilot areas do not become extremely unstable. 2. No major dispute or conflict occurs within the FOs and among the farmers in the pilot areas. 3. There is no drastic change in climatic conditions. 	There was no assumption in the original PDM, while the implementation of the Project could have been affected by external factors.
Activity 1-1	Set up and prepare the pilot areas and the model areas.	Revise the PIDA's training materials for AWBs/FOs in reference to the guidelines/manuals developed in the AWB / Lower Chenab Canal (East) Circle by the foregoing project, i.e. Capacity Building for Irrigation Management (CBIM).	The original activity 1-1 was considered as preparatory activity for all of the output, thus to be deleted. The new activity 1-1 is the modification of the original activity 1-2: the object of the activity should be rephrased because PIDA is preparing the training materials in accordance with the amended PIDA Rules instead of applying the guidelines/manuals developed by CBIM as a whole.
Activity 1-2	Review and re-examine the guidelines/manuals developed in the AWB / Lower Chenab Canal (East) Circle by the foregoing project, i.e. Capacity Building for Irrigation Management (CBIM).	Monitor the utilization of the training materials for the AWBs/FOs and conduct the on-site verification.	The new activity 1-2 is the modification of the original activity 1-3 with the change of wording.
Activity 1-3	Monitor the utilization of the guidelines/manuals for the AWBs/FOs and conduct the on-site verification.	Improve the training materials for AWBs/FOs, based on the results of the verification.	The new activity 1-3 is the modification of the original activity 1-4 with the change of wording.
Activity 1-4	Improve the guidelines/manuals based on the results of the verification.	Develop operational references for AWBs/FOs.	This activity is necessary to accommodate additional inclusion of operational references as part of the output 1.
Activity 2-1	Provide guidelines of water saving irrigation technologies through verification in the model areas.	Formulate technical promotion materials of water saving irrigation technologies through verification in the model areas.	The output 2 originally aimed at dissemination and application by the farmers of the water saving irrigation technologies, which has, however, turned to be unfeasible due to the time constraints resulting from the delay of activities. Thus the activities are to be modified from provision of guidelines to formulation of technical materials, as well as from dissemination for technical adoption to promotion activities.
Activity 2-2	Disseminate the technologies recommended in the guidelines.	Conduct additional activities to enhance promoting the technologies.	
Activity 2-2	N/A	Conduct dissemination.	
Activity 3-1	Improve the methods of agricultural extension methods.	Develop the Training of Trainers (TOT) for government staffs who provide guidance to the AWBs/FOs and farmers.	These activities are to be modified as there is no separate TOT on agricultural extension methods. The first activity is to develop the TOT modules and courses, and then the Project will improve them.
Activity 3-2	Improve the Training of Trainers (TOT) methods for government staffs who provide guidance to the AWBs/FOs and farmers.	Improve the Training of Trainers (TOT).	

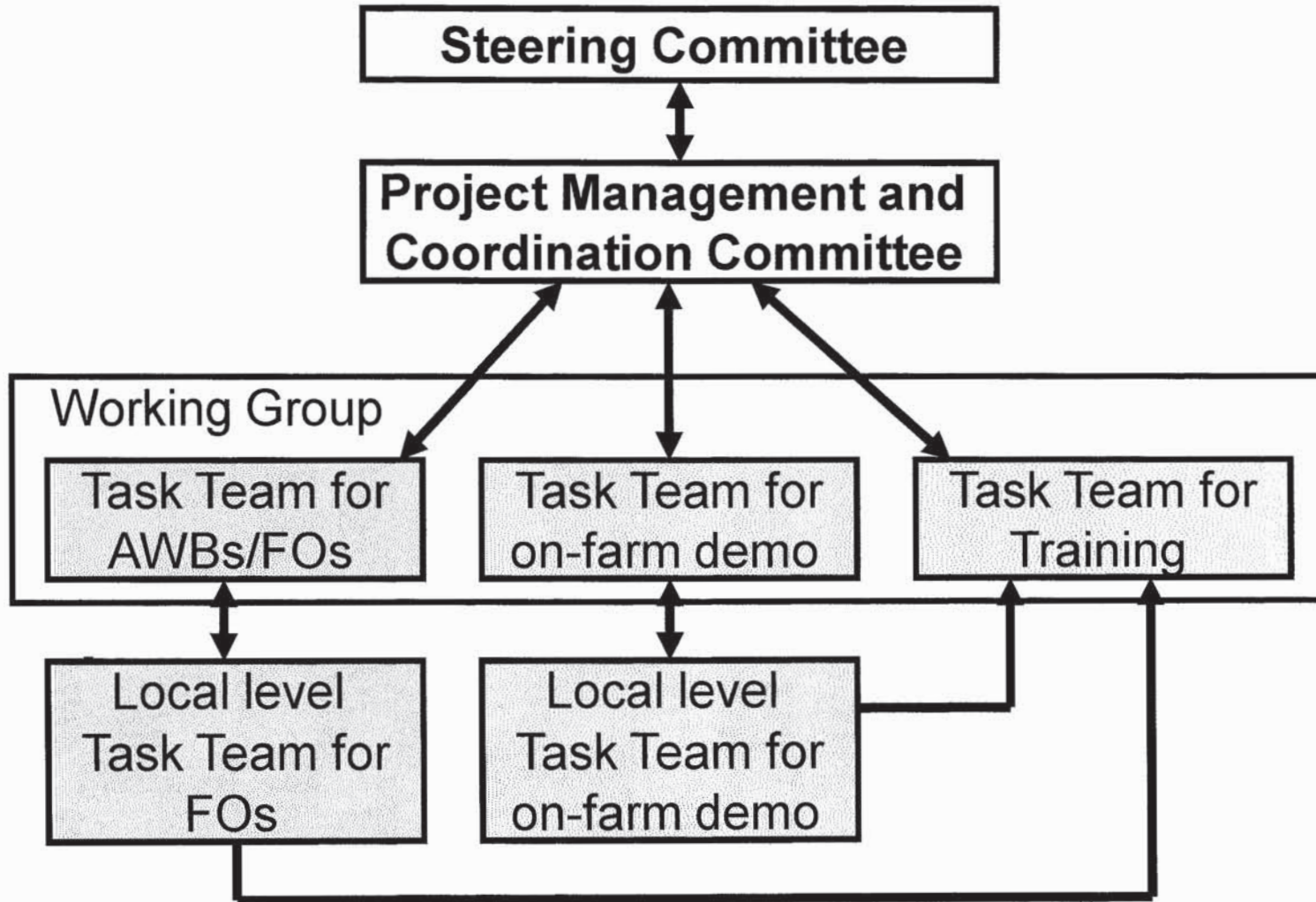
ANNEX 10 Proposed Revision of PO

Activities	The current Point																	
	2008		2009				2010				2011				2012			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
0 Preparatory activities	3	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	
(1) Share the Project concept among the stakeholders.																		
(2) Set up the management body of the Project and prepare the work plan.																		
(3) Review the present situation and implement baseline survey on the pilot areas.																		
1-1 Revise the PIDA's training materials for AWBs/FOs in reference to the guidelines/manuals developed in the AWB / Lower Chenab Canal (East) Circle by the foregoing project, i.e. Capacity Building for Irrigation Management (CBIM).																		
(1) Review the training method conducted by PIDA in AWB/LCC(W)																		
(2) Revise the training materials for AWBs/FOs to meet the requirement of the respective target group in reference to the guidelines/manuals																		
1-2 Monitor the utilization of the training materials for the AWBs/FOs and conduct the on-site verification.																		
(1) Observe the training to AWBs/FOs and survey the achievement of the training.																		
(2) Instruct the AWBs to monitor activities of the FOs.																		
(3) Monitor the practical activities of AWBs/FOs																		
(4) Analyze the results of survey and monitoring to identify the issues to be fed back.																		
1-3 Improve the training materials for AWBs/FOs based on the results of the verification.																		
(1) Draw out the points to be improved and accordingly revise the training materials.																		
1-4 Develop operational references for AWBs/FOs																		
(1) Develop Operational References for AWBs/FOs based on the analysis conducted through activity 1-3																		
2-1 Formulate technical promotion materials of water saving irrigation technologies in the																		
(1) Demonstrate and verify the water saving methods selected from laser land leveling, furrow irrigation, drip irrigation, sprinkler irrigation, etc. in the model areas																		
(2) Draw out technical promotion materials																		
2-2 Conduct additional activities to enhance promoting the technologies																		
(1) Verify the water saving methods applied in the promotion																		
(2) Practice and verify complementary technologies for the water saving irrigation																		
2-3 Conduct dissemination																		
(1) Carry out dissemination																		
3-1 Develop the Training of Trainers (TOT) for government staffs who provide guidance to the AWBs/FOs and farmers.																		
(1) Review the outcomes of the CBIM regarding the TOT planning and the present training conditions.																		
(2) Implement the baseline survey to identify the TOT target and find their needs and their capacity as a trainer before the TOT.																		
(3) Plan the TOT courses based on the result of the CBIM outcome review and the Baseline Survey.																		
(4) Implement the TOT courses.																		
(5) Evaluate the TOT courses and the participants.																		
(6) Compile a TOT materials based on the implemented TOT courses and the results of the evaluation.																		
(7) Improve current agricultural extension manuals taking into account the actual literacy level in rural areas through planning and conducting seminar/training to the relevant extension personnel.																		
(8) Draw out a promoting/guidance method utilizing FOs in the pilot areas in collaboration of IPD, PIDA, PAD, and related institutions, with application of methods of farmers field school and/or others.																		
3-2 Improve the Training of Trainers (TOT)																		
(1) Monitor the TOT participants providing training / guidance to the farmers and FOs.																		
(2) Analyze the results of the TOT courses evaluations and the monitoring of the TOT participants' training / guidance works.																		
(3) Based on the review results, plan supplement TOT courses to meet their challenges and needs.																		
(4) Conduct the supplement TOT courses.																		
(5) Evaluate the supplement TOT courses and the participants.																		
3-3 Disseminate and share the outcomes and experiences of the Project.																		
(1) Conduct sharing activities among stakeholders.																		
(2) Hold seminars, workshops, field visits etc. to extend outcomes of the activities 1, 2 and 3.																		

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ANNEX 11: Project Implementation Mechanism



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4-1 Task Team for AWBs/FOs

Provincial level

- GM(TM), PIDA
- Chief Strategic Planning/Reform unit, IPD
- Head PMO, PISIP
- DG (Extension), PAD
- Chief Water, P&D
- Dep. GM(SM), PIDA
- Chief Executives for respective AWB
- Senior Agriculture Engineer, PISIP

Local level

- Chief Executive, AWB
- Executive Engineer, IPD
- FO President of the pilot area
- Manager (SM or IS), AWB
- Executive District Officer Agriculture
- Senior Agriculture Engineer, PISIP
- Farmer Member of Respective AWB

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4-2 Task Team for on-farm demo

Provincial level

- GM (TM), PIDA
- DG (OFWM), PAD
- DG (Extension), PAD
- Chief Water, P&D
- Dy.GM(SM), PIDA
- Senior Agriculture Engineer, PISIP

Following members are invited when necessary

- Chief Executives for respective AWB
- District Officer (OFWM) of respective pilot area
- President of FO of respective pilot area

Local level

- Chief Executive AWB
- FO President of the Pilot area
- District Officer Agriculture (OFWM)
- District Officer Agriculture (Extension)
- Manager (SM or IS), AWB
- Senior Agriculture Engineer, PISIP
- Farmer member of respective AWB

4-3 Task Team for Training

Coordination Team

- GM (TM), PIDA,
- Chief Strategic Planning Reform Unit, IPD,
- Chief Water, P&D,
- Director, On-Farm Water Management, PAD
- Director, Extension & AR, PAD
- Head of PMO, PISIP

Implementation Team

- Director, Agriculture Extension, PAD,
- Director, WMTI, PAD,
- Dy. Director (ID), PMO, PISIP,
- Manager (SM), PIDA



PROJECT MANAGEMENT OFFICE PUNJAB IRRIGATION SYSTEM IMPROVEMENT PROJECT (PISIP)

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Government of the Punjab,
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Ref: No. PMO/PISIP/1117/42-45/14

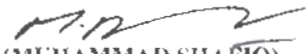
Dated: 14-03-2011

1. Secretary
Government of the Punjab,
Irrigation and Power Department, Lahore
2. Secretary
Government of the Punjab
Finance Department, Lahore
3. Secretary
Government of the Punjab,
Agriculture Department, Lahore
4. Managing Director
PIDA, Lahore

Subject: PUNJAB IRRIGATION SYSTEM IMPROVEMENT PROJECT (PK-P59)
- Minutes of 2nd the Project Steering Committee Meeting for PISIP-SIAP Project

Please find attached herewith the minutes of 2nd Project Steering Committee Meeting for PISIP-SIAP Project held on February 22, 2011. These Minutes have been issued with the approval of the Chairman, Planning & Development Department, Lahore.

DA. As above


(MUHAMMAD SHAFIQ)
Secretary, Steering Committee /
Head PMO - PISIP
I&P Department, Lahore

C.C.

1. P.S. to Chairman, P&D Department, Lahore. with reference to approval accorded by Chairman P&D Department on 08-03-2011
2. Chief Water, P & D Department, Lahore
3. Mr. Tomohiro Kozono, Representative of JICA, Islamabad
4. Mr. Susumu Uchiyama, Chief Advisor, JICA Team, Lahore

MINUTES OF THE 2nd MEETING OF PROJECT STEERING COMMITTEE FOR PISIP-SIAP PROJECTS

Second Meeting of Project Steering Committee to consider and approve the Joint Mid-Term Review Report of SIAP was held on February 22,, 2011 at 09:00 hours in the Committee Room No.2 of Planning & Development Department. Meeting was chaired by Chairman, Planning & Development Board, Govt. of the Punjab. List of the participants is attached as **Annex-A**. Meeting started with a welcome address by the chair. The chair invited Team Leader from of JICA Mid-Term Evaluation Mission side to proceed with the meeting agenda.

Dr. Hideyuki Kanamori, Team Leader of the Japanese side thanked the chair for assisting the Mission in the preparation of the evaluation report by the Pakistani side team comprised of the members from Irrigation & Power Department (IPD), Punjab Agriculture Department (PAD) and Punjab Irrigation & Drainage Authority (PIDA). He highlighted the overall objective of the mid-term review of the project “Strengthening Irrigated Agriculture through Participatory Irrigation Management” (SIAP). He further explained that since half of the project period has elapsed, it was mandatory to review the project so as to appraise the progress of SIAP, identify the issues necessary to implement the project as per Project Design Matrix (PDM) and thereafter recommend appropriate mitigation measures to catch the delays.

While continuing the review, Mr. Tomohiro Kozono, Representative, JICA Pakistan Office made a presentation on the objectives of Mid-Term Review and progress of the SIAP. He discussed the outcome of the three main output indicators of the project activities as per approved Project Design Matrix (PDM). He further informed about the rating of the project according to the five evaluation criteria (Relevance, Effectiveness, Efficiency, Impact and Sustainability). Accordingly the project is still evaluated high as for as the criteria of relevance was concerned while it was ranked low to lower moderate as for as the criteria of effectiveness, efficiency and sustainability were considered. Whereas any concrete forecast for the project impact at this stage could not be made.

Dr. Kanamori at this stage added that although overall rating of the project at this stage is low moderate, however there are certain positive indicators that have been noted

during the review process and it is expected that project may recover the delays to a reasonable extent in the remaining period. He further presented the recommendations based on the Mid-term Review as follows:

1. Revision of the PDM including redefining the model and adjustment of the targets of the outputs and modification of the Objectively Verifiable Indicators (OVIs). Activities will also slightly modified in accordance with the above changes
2. Continuous monitoring and confirmation in about one year time
3. Clarification and confirmation on the implementation mechanism and acceleration of financial procedures
4. Consistency of policy and long-term deployment of staff
5. Need for a firm and trustful relations among different government agencies and Farmer Organizations (FOs) / Area Water Boards (AWBs) coupled with **government efforts to improve water management through capacity building of FOs and information sharing on water discharges**

The Team requested the forum for approval of the Evaluation Report. Chair appreciated the efforts of the Joint Mid-Term Review Team for preparing a comprehensive and focused report. The chair inquired whether proposed changes in PDM and Plan of Operations (PO) will bring any change in the physical scope of the PC-I of the project and its activities or in financial outlays for the project. Secretary, I & P explained that proposed changes have only been made in the OVIs since the time left in the project period may not be sufficient enough to realize full impacts of the project interventions therefore these indicators have been revised. However, interventions of the project, designed with the technical assistance of JICA experts, would be continued even after the completion of project life. DGA (OFWM), PAD while representing the Secretary, Agriculture also expressed similar views regarding the sustainability and continuity of the project interventions.

Project Steering Committee after detailed deliberations & discussions on the Joint Mid-Term Review Report approved the following:

1. Redefinition of the model to be established as the project purpose and their target levels
2. Modification of PDM and PO as proposed in the Mid-Term Evaluation Report (Annex-B & C)
3. Implementation of balance activities till March 2012

Chair agreed with the recommendation made in the report and also endorsed the continuous monitoring of the project for further one year and commented that these steps would bring more relevance to the project purpose. Chair also emphasized the PIDA to accelerate the activities of the SIAP so that project objectives could be achieved in the balance period of the SIAP.

Meeting concluded with a vote of thanks from and to the chair.

**Steering Committee Meeting with
JICA Mid Term Review Team on SIAP Activities**

Held on 22.02.2011

List of the Participants

Sr. No	Name	Designation (Department)
1	Mr. Muhammad Bashir	A.C (W-P) P&D Department
2	Mr. Abdul Majeed Bhati	Chief (W&P) P&D Department
3	Mr. M. Shafiq	Head PMO PISIP
4	Mr. Muhammad Abid Bodla	Member (ID), P&D
5	Mr. Rab Nawaz	Secretary I&P
6	Mr. Javed Aslam	Chairman P&D (In chair)
7	Ch. M. Ashraf	D.G (OFWM), Agriculture Department
8	Mr. Usman Ahmed	Additional F. Secretary/F.D
9	Dr. Irfan Baig	DD (ID) PMO-PISIP
10	Mr. Syed Zahid Ali	General Manager (TM), PIDA
11	Mr. M. Akhtar	DGM (TM), PIDA
12	Mr. Aslam Qureshi	JICA Technical Advisor
13	Mr. Amir Bukhari	Sr. Program Officer JICA Pakistan
14	Mr. Hideyuki KANAMORI	Team Leader, JICA Review Team
15	Mr. Hiromichi KITADA	Deputy. Director, MAFF, Japan
16	Mr. Susumu Uchiumi	Chief Advisor JICA/SIAP team
17	Ms. Keiko ITAGAKI	Consultant, JICA Review Team
18	Mr. Tomohiro Kozono	Representative JICA Pak. office
19	Mr. Takashi Fujisaki	JICA Expert on Coordination /Training
20	Mr. Jun Tajiri	JICA Expert on Water Saving Irrigation and On-Farm Water Management

ANNEX 9: Proposed Revision of the Project Design Matrix (PDM)

Version: Ver. 2
Date: February 21, 2011

Project Title: The Strengthening Irrigated Agriculture through Participatory Irrigation Management in the Punjab Province
Implementing Agencies: of Irrigation and Power Department, Punjab (IPD) and Punjab Irrigation and Drainage Authority (PIDA) in collaboration with Punjab Agriculture Department (PAD)
Project Period: 4 years and 3 months (Mar. 2009 - Mar. 2013)
Target Area: Bahawalpur Canal Circle in Bahawalpur Irrigation Zone, Lower Chenab Canal West (LCU) (W) Circle in Faisalabad Irrigation Zone, and Deera Jat Canal Circle in DG Khan Irrigation Zone
 Main pilot areas are in Bahawalpur Canal Circle and LCU (W) Circle, while sub-pilot areas in Deera Jat Canal Circle
Target Groups: Area Water Boards (AWBs), Farmer's Organizations (FOs) and relevant staff of government organizations in the target areas

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
<p>Overall Goal The established model of appropriate irrigation management system is disseminated in Bahawalpur Canal Circle in Bahawalpur Irrigation Zone, LCU (W) Circle in Faisalabad Irrigation Zone and Deera Jat Canal Circle in DG Khan Irrigation Zone</p> <p>Project Purpose The model of appropriate irrigation management systems is established through verification activities in the pilot areas</p>	<p>1 The number of FOs which are benefited from the established model exceeds 75% of all FOs in the target area by year 2018</p> <p>2 The training manuals and operational references for AWBs/FOs are utilized in the main pilot areas</p> <p>3 More than 25% of the farmers in the model areas are willing to apply at least one of the promoted technologies</p> <p>4 More than 50% of the KP chairmen in the main pilot areas who were provided with technical promotion materials have favourable responses to apply at least one of the promoted technologies</p> <p>5 More than 50% of the participants of TOT apply the learning to support farmers and AWBs/FOs in the main pilot areas</p>	<p>Activity records of AWBs/FOs in the target areas Records of IPD, PIDA and PAD</p> <p>Project records and activity records of AWBs/FOs</p> <p>Field surveys and interviews</p> <p>Field surveys and interviews</p> <p>Project records and interviews</p>	<ul style="list-style-type: none"> There is no drastic change in climatic conditions Irrigation management transfer policy and AWBs/FOs related agencies are maintained by the Government of Punjab There is no drastic change in climatic conditions Security situations in the target areas do not become extremely unstable No drastic change in laws, rules and regulations relevant to the AWBs/FOs that is contradictory to the project outcomes is introduced The Y-Action Project (Y-Action Irrigation System Improvement Project) (YISIP) is duly implemented in the target areas
<p>Outputs</p> <p>1 Training materials and operational references are prepared/developed to strengthen and sustain the efforts on AWBs/FOs</p> <p>2 Appropriate water saving irrigation technologies established in the model areas are promoted in the main pilot areas</p> <p>3 Capacities for training and guidance are improved among relevant government personnel such as IPD, PIDA, and PAD</p>	<p>1-1 Training materials are made available to AWBs/FOs in main pilot areas</p> <p>1-2 Operational references are made available to AWBs/FOs in main pilot areas</p> <p>2-1 Technical promotion materials are provided to at least 50% of the farmers in the model areas</p> <p>2-2 Technical promotion materials are provided to at least 70% of the KP chairmen in the main pilot areas</p> <p>3-1 TOT manuals are compiled</p> <p>3-2 At least 30% of staffs of IPD, PIDA and PAD who are related to TOT will in future receive the TOT</p>	<p>Project records</p> <p>Project records</p> <p>Project records, field surveys and interviews</p> <p>Field surveys and interviews</p> <p>Project records</p> <p>Project records</p>	<ul style="list-style-type: none"> Security situations in pilot areas do not become extremely unstable No major dispute or conflict occur within the FOs and among the farmers in the pilot areas There is no drastic change in climatic conditions There is no drastic change in the price of agro-inputs and produce
<p>Activities</p> <p>1. Strengthening of AWBs/FOs</p> <p>1-1 Revise the PDM's training materials for AWBs/FOs in reference to the guidelines/manuals developed in the AWB / Lower Chenab Canal (East) Circle by the foregoing project, i.e. Capacity Building for Irrigation Management (CBIM)</p> <p>1-2 Monitor the utilization of the training materials for the AWBs/FOs and conduct the on-site verification</p> <p>1-3 Improve the training materials for AWBs/FOs, based on the results of the</p> <p>1-4 Develop operational references for AWBs/FOs</p> <p>2. Water Saving Irrigation Technologies</p> <p>2-1 Formulate technical promotion materials of water saving irrigation technologies through verification in the model areas</p> <p>2-2 Conduct additional activities to enhance promoting the technologies</p> <p>2-3 Conduct dissemination</p> <p>3. Capacity Building Methodologies</p> <p>3-1 Develop the Training of Trainers (TOT) for government staffs who provide guidance to the AWBs/FOs and farmers</p> <p>3-2 Improve the Training of Trainers (TOT)</p> <p>3-3 Disseminate and share the outcomes and experiences of the Project</p>	<p>Inputs</p> <p>Japanese Side</p> <p>1 Japanese experts</p> <p>Long-term experts</p> <ul style="list-style-type: none"> Chief Advisor / Strengthening of AWBs/FOs On-farm Water Management / Water Saving Irrigation Project Coordination / Training <p>Short-term experts in the relevant fields (if necessary)</p> <p>2 Machinery and equipments</p> <p>3 Training of counterpart personnel overseas</p> <p>4 Local costs (if and when necessity arises)</p>	<p>Canadian Side</p> <p>1 Counterpart and administrative personnel</p> <p>2 Office space and equipments</p> <p>3 Model area and facilities in the pilot areas</p> <p>4 Local costs</p>	<ul style="list-style-type: none"> Security situations in pilot areas do not become extremely unstable No major dispute or conflict occur within the FOs and among the farmers in the pilot areas There is no drastic change in climatic conditions <p>Prerequisites</p> <ul style="list-style-type: none"> Collaborative coordination is made among the implementing agencies The AWBs/FOs and farmers in the target area are willing to participate in the Project activities Security situations in pilot areas do not become extremely unstable The Government of Punjab secures necessary budget for the Mega Project (2007-2012) to introduce water saving technologies

It should be noted that capacity building of the relevant stakeholders who serve farmers is the fundamental requirement and the initial step to realize the appropriate irrigation management system. Therefore, the model to be established as the Project purpose is the model for the capacity building

Major Points of the Proposed Revision of the PDM

Part of the PDM modified	Description in the Original PDM	Proposed Revision	Explanation
OVI for Overall Goal	The number of FCOs which apply the established model of appropriate irrigation management exceeds 15% of all FCOs in the target area by year 2018	The number of FCOs which are benefited from the established model exceeds 15% of all FCO in the target area by year 2018	As the model to be established by the Project is redefined as the model of capacity building, the FCOs are to be benefited unlike the original notion that the FCOs would apply some model to carry out their activities.
Means of Verification of indicators for Overall Goal	Activity records of AWBs/FCOs in the target area	1. Activity records of AWBs/FCOs in the target area 2. Record of IPD, PIDA and PAD	Since the implementing agencies are to carry out activities to enhance capacities of the FCO their records should also be the sources of information
Important Assumption from Project Purpose to Overall Goal	There is no drastic change in climatic conditions	* There is no drastic change in climatic conditions * Security situations in the target area do not become extremely unstable * No drastic change in laws, rules and regulations relevant to the AWBs/FCOs that is contradictory to the Project outcomes is introduced.	* The assumption on security situation in target area is to be added, which would affect the future activities to attain the overall goal * Another assumption on continuity of legal framework is to be added based on the experience that some of the activities were delayed due to the amendment of PIDA Rules
Project Purpose	(Definition of the model): The model to be established as the Project Purpose consists of holistic approaches that integrate the strengthening of AWBs/FCOs, water saving technologies, and improvement of extension and training methodologies	(Definition of the model) It should be noted that capacity building of the relevant stakeholders who serve farmers is the fundamental requirement and thus initial step to realize the appropriate irrigation management system. Therefore, the model to be established as the Project purpose is the model for the capacity building	It was originally assumed that an integrated approach for the AWBs/FCOs to properly manage irrigation facilities and to promote the water saving technologies would be established, which also facilitates the support services rendered by government officers. However, due to the delay of the activities, the Project may not be able to reach to the stage to come up with a model of actual work to be done in the field. Therefore, the model to be established will be limited to be a model of capacity building.
OVI for Project Purpose	1. The manuals/guidelines for AWBs/FCOs are compiled and applied in the main pilot areas 2. Water productivity in the main pilot areas is increased by 5% 3. More than 50% of the government staff of IPD, PIDA and extension related staff of PAD trained through TTYI by the Project apply the obtained knowledge/methods/techniques to support farmers and members of AWBs/FCOs in the main pilot areas	1. The training manuals and operational references for AWBs/FCOs are utilized in the main pilot areas. 2. More than 25% of the farmers in the model areas are willing to apply at least one of the promoted technologies 3. More than 50% of the KP chairman in the main pilot areas who were provided with technical promotion materials have favorable responses to apply at least one of the promoted technologies 4. More than 50% of the participants of TTYI apply the learning to support farmers and AWBs/FCOs in the main pilot areas.	1. Since The words "guidelines/manuals" is changed to "training manuals and operation references" in the output 1, the expression in OVI was also to be changed. The OVI is to not only apply the guideline/manuals to the end of the Project due to the delay in implementation of the activities, thus, the utilization should be the indicator 2 & 3. It was found to be difficult to attain the 5% increase, therefore the willingness of farmers at the model area and favorable responses of the KP chairman should be measured as indicator. The target of 25% is the half of the 50% of the output 2 indicator set as one of the indicators for the Project purpose 4. As the TTYI has been conducted with participation of local implementing agencies in the uniform extension, one indicator can serve to assess the degree of application
Means of Verification of indicators for Project Purpose	1. Project records and activity records of AWBs/FCOs 2. Sample surveys in the field 3. Project records and interviews	1. Project records and activity records of AWBs/FCOs 2. Field surveys and interviews 3. Field surveys and interviews 4. Project records and interviews	As the indicator 2 was modified and one more indicator was added, means of verification were changed accordingly

Annex 9

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ANNEX 10 Proposed Revision of PD

Activities	The current Point																			
	2008				2009				2010				2011				2012			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
0- Preparatory activities																				
(1) Share the Project concept among the stakeholders																				
(2) Set up the management body of the Project and prepare the work plan																				
(3) Review the present situation and implement baseline survey on the pilot areas																				
1-1 Revise the PIDA's training materials for AWBs/FOs in reference to the guidelines/manuals developed in the AWB/Lower Chenab Canal (East) Circle by the foregoing project, i.e. Capacity Building for Irrigation Management (CBIM)																				
(1) Review the training method conducted by PIDA in AWB/LCC(W)																				
(2) Revise the training materials for AWBs/FOs to meet the requirement of the respective target group in reference to the guidelines/manuals																				
1-2 Monitor the utilization of the training materials for the AWBs/FOs and conduct the on-site verification																				
(1) Advise the training to AWBs/FOs and survey the achievement of the training																				
(2) Instruct the AWBs to monitor activities of the FOs																				
(3) Monitor the practical activities of AWBs/FOs																				
(4) Analyze the results of survey and monitoring to identify the issues to be fed back																				
1-3 Improve the training materials for AWBs/FOs, based on the results of the verification																				
(1) Draw out the points to be improved and accordingly revise the training materials																				
1-4 Develop operational references for AWBs/FOs																				
(1) Develop Operational References for AWBs/FOs based on the analysis conducted through activity 1-3																				
2-1 Formulate technical promotion materials of water saving irrigation technologies in the																				
(1) Demonstrate and verify the water saving methods selected from laser land leveling, furrow irrigation, drip irrigation, sprinkler irrigation, etc. in the model areas																				
(2) Draw out technical promotion materials																				
2-2 Conduct additional activities to enhance promoting the technologies																				
(1) Verify the water saving methods applied in the promotion																				
(2) Practice and verify complementary technologies for the water saving irrigation																				
2-3 Conduct dissemination																				
(1) Carry out dissemination																				
3-1 Develop the Training of Trainers (TOT) for government staffs who provide guidance to the AWBs/FOs and farmers																				
(1) Review the outcomes of the CBIM regarding the TOT planning and the present training conditions																				
(2) Implement the baseline survey to identify the TOT target and find their needs and their capacity as a trainer before the TOT																				
(3) Plan the TOT courses based on the result of the CBIM outcome review and the Baseline Survey																				
(4) Implement the TOT courses																				
(5) Evaluate the TOT courses and the participants																				
(6) Compile a TOT materials based on the implemented TOT courses and the results of the evaluation																				
(7) Improve current agricultural extension manuals taking into account the actual literacy level in rural areas through planning and conducting seminar/training to the relevant extension personnel																				
(8) Draw out a promoting/guidance method utilizing FOs in the pilot areas in collaboration of (PD, PIDA, PAD, and related institutions, with application of methods of farmers field school and/or others																				
3-2 Improve the Training of Trainers (TOT)																				
(1) Monitor the TOT participants providing training / guidance to the farmers and FOs																				
(2) Analyze the results of the TOT courses evaluations and the monitoring of the TOT participants' training / guidance works																				
(3) Based on the review results, plan supplement TOT courses to meet their challenges and needs																				
(4) Conduct the supplement TOT courses																				
(5) Evaluate the supplement TOT courses and the participants																				
3-3 Disseminate and share the outcomes and experiences of the Project																				
(1) Conduct sharing activities among stakeholders																				
(2) Hold seminars, workshops, field visits etc. to extend outcomes of the activities 1, 2 and 3																				

Evaluation Criteria	Evaluation question		Basis of judgement	Data needed	Data source	Data collection method
	Main question	Sub question				
Achievement	Were the input made as planned?	Have the Japanese experts dispatched as planned?	Comparison with the planned figures	Records on Japanese experts	Project records	Document review, interviews
		Has the counterpart training conducted as planned?	Comparison with the planned figures	Records on counterpart training	Project records	Document review, interviews
		Have the equipment and machinery provided as planned?	Comparison with the planned figures	Records on equipment provision	Project records	Document review, interviews
		Have the counterpart personnel assigned as planned?	Comparison with the planned figures	List of counterpart personnel	Project records	Document review, interviews
		Have the physical facilities provided as planned?	Comparison with the planned facilities	Information on the facilities	Project records, opinions of experts	Interviews, ocular visit
		Have the budgets to cover operational costs allotted as planned?	Comparison with the planned figures	Records on budgetary allocation	Project records	Document review, interviews
	Have the outputs been produced properly?	Have the improved guidelines/manuals been compiled and distributed to AWBs and FOs ?	Degree of achievement	Information on the progress of the compilation	Project records and personnel, officials of AWBs/FOs	Interview, discussion with Project staff, officials of AWBs/FOs
		Have the guidelines on the water saving technologies been compiled and distributed to farmers?	Degree of achievement	Information on the progress of the compilation	Project records and personnel, sample farmers	Interview, discussion with Project staff and sample farmers, ocular visit
		Have the farmers in main pilot areas applied any of the recommended water saving technologies?	Degree of achievement	Information on the technology dissemination to the farmers	Project records and personnel	Interview, discussion with Project staff
		Have the training manuals, textbooks and information materials been compiled?	Degree of achievement	Information on the progress of the compilation	Project records and personnel	Interview, discussion with Project staff
		Have any of the IPD and PIDA staff received the TOT?	Degree of achievement	Information on the progress of TOT and record of training conduct	Project records and personnel, IPD and PIDA staff	Interview, discussion with Project staff
		Have any of the PAD staff received TOT on extension methodology?	Degree of achievement	Information on the progress of TOT and record of training conduct	Project records and personnel, PAD staff	Interview, discussion with Project staff
		Have any of the AWBs/FOs received TOT?	Degree of achievement	Information on the progress of TOT and record of training conduct	Project records and personnel, officials of AWBs/FOs	Interview, discussion with Project staff
	Is the Project purpose likely to be achieved?	Have the guidelines / manuals for AWBs / FOs been improved?	Levels of improvement	Information related to the progress of compilation	Project personnel, Project records, officials of AWBs/FOs	Interview, discussion
		Have the water productivity in the main pilot areas been increased?	Degree of technology dissemination and increase	Data or record on the water productivity	Project personnel, Project records, sample farmers	Interview, discussion
		Are the TOT participants able to apply their learning to support farmers in the main pilot areas?	Levels of application	Information related to the TOT conducts, participants and their application of learning	Project personnel, Project records, officials of AWBs/FOs	Interview, discussion
		Is the model of appropriate irrigation management system likely to be established by the end of the cooperation period?	Prospects of achievement	Data on the application of guidelines / manuals among AWBs / FOs, water productivity in the main pilot areas, and degree of application of TOT learning by the trained personnel	Opinion of the Project personnel, Project records, production data	Interview, discussion with Project staff, data review
	Have the activities been implemented as scheduled?	Have the activities been timely implemented?	Comparison with the PO	Actual implementation schedule	Project personnel, Project records	Document review, interviews
		Has there been any change in the activities and schedule of implementation from the original PO?	Comparison with the PO	Information on the changes that took place	Project personnel, Project records	Document review, interviews

Evaluation Grid (Revised Draft) of the Mid-term Review for The Strengthening Irrigated Agriculture through Participatory Irrigation Management in the Punjab Province Ver. Feb. 1, 2011

Evaluation Criteria	Evaluation question		Basis of judgement	Data needed	Data source	Data collection method
	Main question	Sub question				
Implementation processes	Have there been any problem related to the management of the Project?	Have the Project activities been properly monitored?	Frequency and contents of monitoring	Monitoring mechanism, monitoring results	Project personnel, Project records	Document review, interviews
		Has the decision making mechanism of the Project been functional?	Existence of problems and countermeasures	Information on the JCC and other decision making mechanisms	Project personnel, Project records	Interview, discussion with Project staff
		Has the communication among JICA HQ, JICA country Office, the implementing agencies and the Project been smooth?	Existence of problems and countermeasures	Ways and contents of the regular transactions	Officers in charge at JICA HQ and JICA Pakistan Office, Staff of implementing agencies, Project personnel, Project records	Interview, discussion with Project staff
		Has the communication among the Project personnel been smooth?	Existence of problems and countermeasures	Ways and contents of the daily and regular transactions among the Project personnel	Project personnel, Project records	Interview, discussion with Project staff
		Have there been any other problems encountered in the course of Project implementation so far?	Existence of problems and countermeasures	Information on the managerial problems so far and countermeasures taken by the Project	Project personnel, Project records	Interview, discussion with Project staff
		What are special measures taken in terms of the managerial aspects of the Project?		Information on the managerial measures taken by the Project	Project personnel, Project records	Interview, discussion with Project staff
	Are the implementing agencies committed and well aware of the Project?	Do the implementing agencies understand the objectives and approaches of the Project?	Levels of understanding	Information on the understanding of the Project purpose, discussion & meeting records	Project personnel, Project records	Interview, discussion with Project staff
		Have appropriate counterpart personnel been assigned?	Suitability of their expertise	Information on the qualification / background / experiences of the assigned personnel	Project personnel, Project records	Interview, discussion with Project staff
		Have the counterpart personnel been committed and involved actively in the Project activities?	Degree of participation	Examples of the activities that were mainly conducted by the counterpart personnel	Project personnel, Project records	Interview, discussion with Project staff
	Are the target groups well aware of the Project?	Have the beneficiaries well recognize the Project activities?	Levels of understanding	Information on their understanding of the Project, records of explanatory efforts made by the Project	Project personnel, Project records, officials of AWBs/FOs	Interview, discussion
		Have the beneficiaries participated actively in the Project activities?	Degree of participation	Information on their participation in the Project activities	Project personnel, Project records, officials of AWBs/FOs	Interview, discussion
	Were there any special measures taken to ensure the smooth implementation of the Project?	Have there been any special measures taken in terms of implementation mechanism?		Information on the measures taken by the Project	Project personnel, Project records	Interview, discussion with Project staff
		Have there been any special consideration given in terms of dealing with the target groups?		Information on the measures taken by the Project	Project personnel, Project records	Interview, discussion with Project staff
	Does the Project address the needs of the target area and the target groups?	Is the Project still in line with the needs of the target area and society?	Confirmation on the current needs			
		Is the Project still in the line with the needs of the target group?	Positive response from the target group	Baseline information, opinion of Project personnel and target beneficiaries	Project reports and personnel, officials of AWBs/FOs	Document review, interviews
		Has the Project still been in line with the priorities in the development plans and program of the country and the sector ?	Is the Project still consistent with the development plans of Pakistani Government?	Existence of the consistent stipulation in the document	Development plans and programmes of Pakistani government	Policy documents
Is the Project still consistent with the plans and programs in irrigation and agricultural sectors?			Existence of the consistent stipulation in the document	Policies & programs related to the irrigation and agriculture	Policy documents	Document review

Evaluation Grid (Revised Draft) of the Mid-term Review for The Strengthening Irrigated Agriculture through Participatory Irrigation Management in the Punjab Province Ver. Feb. 1, 2011

Evaluation Criteria	Evaluation question		Basis of judgement	Data needed	Data source	Data collection method
	Main question	Sub question				
Relevance	Is the Project priority in the Japan's foreign assistance policy and JICA's country programs?	Is the Project relevant to the Japan's Aid Policies ?	Existence of the consistent stipulation in the document	Priority directions in Japan's Aid Program	Japan's Foreign Assistance Policy	Document review
		Is the Project relevant to the JICA's Program / Rolling Plan?	Existence of the consistent stipulation in the document	JICA's Program / Rolling plan	JICA's Country Assistance Program / Rolling Plan	Document review, discussion with JICA staff
	Has the Project been adequate means to address the development issues in the country and the sector?	Does the Project appropriately address the issues of irrigation and agricultural sectors?	Existence of the consistent stipulation in the document	National policies & programs related to the local government and water sector	Policy documents	Document review
		Does the Project properly address the needs and context of implementing agencies?	Existence of the consistent stipulation in the document	Plans and program of implementing agencies	Policy documents, staff of implementing agencies	Document review, interviews
		Has there been any synergy effects through cooperation with other donors?	Positive response from the target group	Baseline information, opinion of stakeholders	Project reports and personnel, officials of AWBs/FOs	Document review, interviews
	Is the selection of target groups appropriate?	Have the size of the target group been appropriate?		No. and area of coverage, No. of beneficiaries	Project personnel, statistics, other secondary documents	Document review, interviews
		Has the Project equitably brought about the benefit?	Distribution of the Project benefits	Project benefits enjoyed by different starata of target groups	Project records and personnel, officials of AWBs/FOs	Document review, interviews
		Has the cost been equally shared by the stakeholders?	Cost sharing ratio	Expenditure and source of funds	Project records and personnel	Document review, interviews
	Has the Project applied appropriate approach?	Is there any advantage of Japanese technologies / experiences?		Technologies transferred through the Project	Project personnel, Project records	Document review, interviews
	Has there been any changes in the environment of the Project?	Has there been any changes in the social, political and other conditions assumed prior to the commencement of the Project?		Information on the environment of the Project	Project personnel, Project records	Document review, interviews
Effectiveness	Is the prospect of achieving the Project purpose considered to be high?	Has the Project purpose been specific enough?	Existence of commonly shared definitions of Project purpose	Definition, understanding on the Project purpose among the Project personnel	Project personnel, Project records	Interview, discussion with Project staff
		Will there be any potential obstacles that may hinder the achievement of the Project purpose?		information on the potential risks and obstacles and possible countermeasures	Project personnel, Project records	Interview, discussion with Project staff
	Have the outputs been appropriate to achieve the Project purpose?	Has there been any factors contributing to the achievement of the Project purpose other than the outputs?		Information on the related events, programs/projects by other organizations in the target area	Project personnel, Project records, relevant documents	Interview, field visit, discussion with Project staff
		Is the logical sequences between outputs and Project purpose still secured?	Confirmation on the logical sequence	Information on the results of activiteis that indicate the cause-effect relationship	Project personnel, Project records	Interview, discussion with Project staff
	Has there been any influence of important assumptions?			information on the security situations and internal relationship of FOs	Project personnel, Project records	Document review, interviews
	Has there been any other hindering or contributing factors?			Information on any relevant events in the course of Project implementation	Project personnel, Project records	Interview, discussion with Project staff
Have the Project activities been appropriate to produce the outputs?	Are the activities contributing to achive the outputs?	Co-relation between the outcomes of the activities and outputs	Logical sequence between activities and outputs, progress of activities and levels of achievements	Project personnel, Project records	Document review, interviews	
	Has there been any obstacle for the achievement of the outputs?		Information on any relevant events in the course of Project implementation	Project personnel, Project records	Interview, discussion with Project staff	

Evaluation Grid (Revised Draft) of the Mid-term Review for The Strengthening Irrigated Agriculture through Participatory Irrigation Management in the Punjab Province Ver. Feb. 1, 2011

Evaluation Criteria	Evaluation question		Basis of judgement	Data needed	Data source	Data collection method
	Main question	Sub question				
Efficiency	Have the inputs been appropriate to produce the outputs?	Have the timing, number, duration, and fields of Japanese experts dispatched been appropriate?	Comparison with the planned figures	Records on Japanese experts	Project records	Document review, interviews
		Have the timing, duration, contents of counterpart training been appropriate?	Comparison with the planned figures	Records on counterpart training	Project records	Document review, interviews
		Have the timing, volume, and specification of provision of equipment been appropriate?	Comparison with the planned figures	Records on equipment provision	Project records	Document review, interviews
		Have the timing, number, fields and competency of the counterpart personnel been appropriate?	Comparison with the planned figures	List of counterpart personnel	Project records	Document review, interviews
		Were the physical facilities sufficient to implement the Project activities?	Comparison with the planned figures	information on the facilities	Project records, opinions of experts	Interviews, ocular visit
		Has the scale of Project cost been appropriate?	Comparison with the similar projects	Budget and expenditure, local cost by Pakistani side	Project record and personnel, JICA staff	Interview, discussion with Project personnel and JICA staff
	Have there been any factors hindering or contributing to the efficiency of the Project?	Has there been any influence from important assumptions?		Information on the climate and natural disasters	Project personnel, Project records	Interview, discussion with Project staff
		Have there been any other factors affecting the efficiency?		Information on any relevant events in the course of Project implementation	Project personnel, Project records	Interview, discussion with Project staff
Impacts	Is the prospect of achieving the overall goal assumed to be high?	Is the model of appropriate irrigation management established by the Project likely to be disseminated to the target areas other than the pilot areas?	Comparison with the baseline	Information on the progress of formulation of the model, dissemination plans	Opinions of Project personnel, Project documents	Document review, interview, discussion with stakeholders
		Are the FOs in the target areas likely to apply the model of appropriate irrigation management that is to be established by the Project?	Comparison with the baseline	Information and data on the operations of the FOs	Opinions of Project personnel and officials of AWBs /FOs, Project documents	Interviews, discussion with project staff and officials of AWBs /FOs
		Will the achievement of the overall goal contribute to the bring positive impacts to the policies of Pakistani government?	organizational commitment, existence of relevant programs	Current program, future plan of the government, opinion of the Project staff	Staff of the implementing agencies, Project personnel	Document review, interviews, discussion
		Is there any possible factors that hinder or contribute to the achievement of the overall goal?		Information on any relevant events in the course of Project implementation	Project personnel, Project records	Document review, interviews
	Is the project purpose still appropriated to achieve the overall goal?	Is the logical sequences between the Project purpose and the overall goal still secured?	Confirmation on the logical sequence	Information on the results of activities that indicate the cause-effect relationship	Project personnel, Project records	Interview, discussion with Project staff
		Are there any additional important assumptions to be taken into account?	influence or surrounding factors on the Project	Information on the relevant factors surrounding the Project	Project personnel, Project records	Interview, discussion
	Have there been any other ripple effects?	Has there been any effect beyond the intended target groups?		Information on the sample cases in target area and other areas	Project personnel, Project records	Document review, interviews
		Has there been any unexpected effect on the policies and programs of implementing agencies?		Information on the relevant policies	Relevant documents, Project personnel, Project records	Document review, interviews
		Has there been any change or formulation in terms of relevant organization, laws, rules and regulations?		Information on the changes and new setup	Project personnel, Relevant documents	Document review, interviews
		Has there been any unexpected change in technical and/or methodological aspects of the training?		Information on the changes that took place	Project personnel, Project records	Document review, interviews

Evaluation Criteria	Evaluation question		Basis of judgement	Data needed	Data source	Data collection method
	Main question	Sub question				
		Has there been any unexpected effect in terms of gender, human rights, poverty gap, peace and conflicts?		Information on the cases of relevant events	Project personnel, Project records	Document review, interviews
		Has there been any unexpected effect on environmental concerns in the target areas?		Information on the cases of relevant events	Project personnel, Project records	Document review, interviews
	Are the impacts brought by the Project?	What are the factors that brought about the above mentioned positive and negative effects?	Project's attributes to the effects	Information on the other interventions and events in the target areas	Project personnel, sample beneficiaries	Interview, discussion with relevant staff, document review
Sustainability	Will the policy of improving and expanding irrigated agriculture continue ?	Is the possibility of continuation of the policies of irrigation and agricultural sectors high?	Policy commitment	Current program, future plan of the government, opinion of the Project staff	Policy documents, Project personnel	Interview, discussion with relevant staff, document review
		Is there any alternative programs that can integrate the outcomes of the Project?	Existence of relevant programs	Current program, future plan of the government, opinion of the Project staff	Policy documents, Project personnel	Interview, discussion with relevant staff, document review
		Are the implementing agencies committed to continue the activities?	organizational commitment of the implementing agencies	Opinions and relevant documents of implementing agencies	Project personnel, staff of implementing agencies	Interview, discussion with Project staff
	Are the implementing agencies capable to continue or further expand relevant activities of the Project?	Are the counterpart personnel capable of carrying out the activities?	Comparison with the baseline	Levels of competence, confidence, experiences and performance	Project personnel, sample beneficiaries	Interview, discussion with Project staff
		Are the necessary budget allotted for the continuous provision to training, monitoring and evaluation activities?	Budget allocation, planned volume	Budget plan of implementing agencies	Relevant staff of implementing agencies, budget documents	Interview, confirmation of documents
		Are the participating farmers capable of continuing and expanding their activities initiated during the Project?	Comparison with the baseline	activity records and future plan of the irrigation groups	Sample beneficiaries , Project personnel	Interview, discussion
	Will the technologies and methodologies introduced by the Project continuously be utilized?	Are the model ofo appropriate irrigation management system properly comprehended and well accepted among the stakeholders?	Levels of understanding and acceptance	Understanding on the model among stakeholders	Project personnel, officials of AWBs/FOs	Interview, discussion
		Is there any mechanism within the implementing agency to continue / further disseminate / modify the guidelines/manuals in the future?	Existence of relevant programs	Information on the organizational setup and programs for futher continuation and dissemination	Project personnel, staff of implementing agencies, oranograms	Interview, discussion with Project staff, document review
		Are the contents and materials of TOT developed by the Project suitable for the situation of the beneficiaries?	Degree of acceptance and application among the target beneficiaries	Data and records on the acceptance and application of technical learning among the TOT participants	Project personnel, TOT participants	Interview, discussion with sample beneficiaries
		Is there any mechanism to further disseminate the training and approach to other areas?	Existence of relevant programs	Information on the organizational setup and programs for futhrer dissemination	Project personnel, staff of relevant institutions, oranograms	Interview, discussion with Project staff, document review
		is the necessary equipment properly maintained?	Degree of maintenance and designation of the responsible entities	Budget allocation, history of maintenance of equipment	Project records, Project personnel	Document review, interviews
	Are there any factors that may affect the sustainability of the Project?	Is there any negative influence on the social and cultural aspects that may become obstacles in carrying out the activities?		Information on the cases of relevant events	Project personnel, Project records, sample beneficiaries	Interview, discussion
		Is there any negative influence on the environment that may inhibit the continuation of the activities?		Information on the cases of relevant events	Project personnel, Project records, sample beneficiaries	Interview, discussion

Evaluation Criteria	Evaluation question		Basis of judgement	Data needed	Data source	Data collection method	
	Main question	Sub question					
Identification of the Necessary measures to be taken	How the presumed conditions at the time of the commencement of the Project been changed and addressed?	What have been the factors affected the provisions of the planned inputs?		Information related to the inputs	Project personnel, Project records & documents	Interview, discussion	
		What have been the factors affected the progress of the activities?		Information related to the process of implementation of the activities	Project personnel, Project records & documents	Interview, discussion	
		What have been the factors affected the degree of achievement of outputs?		Information related to the progress of attainment of the outputs	Project personnel, Project records & documents	Interview, discussion	
		What have been the factors affected the implementation mechanism of the Project?		Information related to the implementation mechanism	Project personnel, Project records	Interview, discussion	
		What have been the factors affected the pre-conditions and important?		Information related to the assumptions	Project personnel, Project records	Interview, discussion	
	What are the possible measures to further facilitate the Project implementation?	Is there any necessary change in terms of activities and inputs of the Project?				Project personnel, staff of the implementing agencies	Discussion with stakeholders and among the evaluation team
		Is there any necessary change in terms of outputs and their target indicators of the Project?				Project personnel, staff of the implementing agencies	Discussion with stakeholders and among the evaluation team
		Is there any necessary change in terms of the Project purpose and its target indicators?				Project personnel, staff of the implementing agencies	Discussion with stakeholders and among the evaluation team
		Is there any necessary change in terms of the implementation mechanism of the Project?				Project personnel, staff of the implementing agencies	Discussion with stakeholders and among the evaluation team
		What are the other possible measures to further facilitate the Project implementation?				Project personnel, Project records	Interview, discussion

Evaluation Criteria	Evaluation question		Results
	Main question	Sub question	
Achievement	Were the input made as planned?	Have the Japanese experts dispatched as planned?	Three long-term experts have been dispatched. Short-term experts in the fields of drip irrigation and extension are also planned to be dispatched.
		Has the counterpart training conducted as planned?	Yes. There have already been seven (7) CPs dispatched to Japan to attend the training courses relevant to the Project activities.
		Have the equipment and machinery provided as planned?	Planned equipment have not yet been procured due to the problems related to the administrative procedures related to the PISIP.
		Have the couterpart personnel assigned as planned?	Yes, but the frequent change of the personnel, especially of those in key position have been a problem in management.
		Have the physical facilities provided as planned?	GOP have duly provided office space with proper furnitures and water, electricity, telephone and internet facilities to the Project.
		Have the budgets to cover operational costs allotted as planned?	The Project borne the local cost equivalent to 14.7 million Pakistani Rupees, while the GOP has borne the cost to newly install telephone lines to the Project office and provided transportation costs and allowances for the counterpart personnel to participate in the field activities, training and various meetings.
	Have the outputs been produced properly?	Have the improved guidelines/manuals been compiled and distributed to AWBs and FOs ?	NOT YET.
		Have the guidelines on the water saving technologies been compiled and distributed to farmers?	NOT YET. The field trials and demonstration activities have been delayed due to the problems related to the availability of PISIP agricultural experts and inputs of machinery which was supposed to be secured under the program of PAD (MEGA Project).
		Have the farmers in main pilot areas applied any of the recommended water saving technologies?	NOT YET VERIFIED, as the initial demonstration has just been initiated in Rabi 2010.
		Have the training manuals, textbooks and information materials been compiled?	NOT YET. Initial TOT has been conducted, where materials have been provided, yet not compiled as standardized formats.
		Have any of the IPD and PIDA staff received the TOT?	There have been 57 staff who have attended the basic module of TOT, though some have taken up only a part of the entire module.
		Have any of the PAD staff received TOT on extension methodology?	NOT YET. The TOT so far conducted are the courses on the basic module.
		Have any of the AWBs/FOs received TOT?	Only the PIDA Staff at AWBs. No farmer members are invited not participated.
	Is the Project purpose likely to be achieved?	Have the guidelines / manuals for AWBs / FOs been improved?	NOT YET. The guidelines/manuals developed by the CBIM were the comprehensive ones which does no longer utilized as it is due to the change of the FO Rules of PIDA. It would take some more time for PIDA to finalize the Rules (especially the detailed regulations to implement the Rule), thus the improvement has not yet been started.
		Have the water productivity in the main pilot areas been increased?	NOT YET REACHED TO THE STAGE FOR VERIFICATION
		Are the TOT participants able to apply their learning to support farmers in the main pilot areas?	Some participants from the Training institute reported that they have applied the learning in other training but not in the main pilot areas.
		Is the model of appropriate irrigation management system likely to be established by the end of the cooperation period?	Originally, it wa assumed that the Project will establish a system model, which has been found difficult to be established by the end of the Project due to the delay in the activities.

Evaluation Criteria	Evaluation question		Results
	Main question	Sub question	
Implementation processes	Have the activities been implemented as scheduled?	Have the activities been timely implemented?	There have been delays in the activities for output 1 and 2.
		Has there been any change in the activities and schedule of implementation from the original PO?	Yes. (See the revised PO)
	Have there been any problem related to the management of the Project?	Have the Project activities been properly monitored?	In accordance with TBAP, activities have been monitored through the Joint Monitoring Meeting among IPD, PIDA and SIAP.
		Has the decision making mechanism of the Project been functional?	SC has been held once, and PMCC meetings have been held three times so far.
		Has the communication among JICA HQ, JICA country Office, the implementing agencies and the Project been smooth?	Asice from SC and PMCC, Joint Monitoring Meeting has been organized bi-monthly among IPD, PIDA and the Project with participation of JICA Pakistan Office.
		Has the communication among the Project personnel been smooth?	There are three Task Teams on respective field of activities, i.e. AWB/FO, Water saving technology, and Training with local level working groups, that are to discuss and facilitate the actual activities in the fields.
		Have there been any other problems encountered in the course of Project implementation so far?	Obligatory security arrangements makes it difficult for the Japanese experts to work flexibly in the pilot areas.
		What are special measures taken in terms of the managerial aspects of the Project?	Introduction of TBAP and setting up of Joint Monitoring Meeting (JMM) and sub-committee on PISIP and SIAP are the major efforts made to address the administrative and procedural problems in PIDA
	Are the implementing agencies committed and well aware of the Project?	Do the implementing agencies understand the objectives and approaches of the Project?	YES, although some pointed out that there had been any confusion in the very initial stage.
		Have appropriate counterpart personnel been assigned?	72 counterpart personnel at 42 posts have so far been assigned to the Project. There may be more counterpart personnel at the field level once the activities at the field would be implemented in a full gear.
		Have the counterpart personnel been committed and involved actively in the Project activities?	As there have been delays in the activities, degree of involvement in the actual activities could not properly be assessed at the time of Review. It is generally observed that the counterpart personnel especially at the field level are eager to take part in the Project activities.
	Are the target groups well aware of the Project?	Have the beneficiaries well recognize the Project activities?	As there have been delays in the activities, degree of recognition among the beneficiaries could not properly be assessed at the time of Review. Positive response from the beneficiaries who took participated in demonstration of water saving technologies have been reported.
		Have the beneficiaries participated actively in the Project activities?	There have been the cases where farmers participated in activities in the pilot areas where the water saving technologies were demonstrated.
	Were there any special measures taken to ensure the smooth implementation of the Project?	Have there been any special measures taken in terms of implementation mechanism?	Setting up of the Task Teams and field level committees on different components is to facilitate the actual implementation of the Project activities.
		Have there been any special consideration given in terms of dealing with the target groups?	N.A.
	Does the Project address the needs of the target area and the target groups?	Is the Project still in line with the needs of the target area and society?	YES. The interviewed FO officials are eager to manage the irrigation facilities by themselves, and they realize the needs for them to further obtain management capacities.
		Is the Project still in the line with the needs of the target group?	YES. There are needs for water saving technologies, and farmers are eager to manage irrigation facilities by themselves.

Evaluation Criteria	Evaluation question		Results
	Main question	Sub question	
Relevance	Has the Project still been in line with the priorities in the development plans and program of the country and the sector ?	Is the Project still consistent with the development plans of Pakistani Government?	YES. No major change has been made despite of the change of political administration.
		Is the Project still consistent with the plans and programs in irrigation and agricultural sectors?	YES. ISRP is still a national program.
	Is the Project priority in the Japan's foreign assistance policy and JICA's country programs?	Is the Project relevant to the Japan's Aid Policies ?	YES. No change in the CAP for Pakistan.
		Is the Project relevant to the JICA's Program / Rolling Plan?	YES. The Project is to contribute to the program on "Improvement of Irrigation Facilities and Rural Development" in JICA's current rolling plan
	Has the Project been adequate means to address the development issues in the country and the sector?	Does the Project appropriately address the issues of irrigation and agricultural sectors?	YES. IMT is still a priority of irrigation sector development, and on-farm water management is put emphasis in the agricultural sector.
		Does the Project properly address the needs and context of implementing agencies?	YES. There has not been any major change in the basic context where IPD, PIDA and PAD are working.
		Has there been any synergy effects through cooperation with other donors?	N.A. No tangible coordination has been made with LBDC (ADB) or any other donor related programs.
	Is the selection of target groups appropriate?	Have the size of the target group been appropriate?	No particular comments were raised in terms of the size of the target group or of the coverage of the target areas, thus it is generally considered the size has been appropriate.
		Has the Project equitably brought about the benefit?	NOT YET REACHED TO THE STAGE OF ASSESSMENT
		Has the cost been equally shared by the stakeholders?	As for the demonstration of water saving technologies, there are 20% of share borne by the beneficiary famers.
Has the Project applied appropriate approach?	Is there any advantage of Japanese technologies / experiences?	Experiences and insights of Land Improvement District are appreciated by the relevant counterpart personnel and they would be integrated in the guidelines/manuals and/or training materials to be compiled.	
Has there been any changes in the environment of the Project?	Has there been any changes in the social, political and other conditions assumed prior to the commencement of the Project?	Change of the PIDA Rules on AWBs/FOs have caused delay in the activities.	
Effectiveness	Is the prospect of achieving the Project purpose considered to be high?	Has the Project purpose been specific enough?	At the time of the Review, stakeholders understand that there are different components and that the Project is taking holistic approach, but no fundamental discussion on the model has not been initiated. There may be necessity to further brainstorm and clarify the definition of the "model of appropriate irrigation management system" among the stakeholders.
		Will there be any potential obstacles that may hinder the achievement of the Project purpose?	The considerable delay in the activities and thus the low level of achievement of the Output 1 and 2 would hinder the Project purpose. Measures to accelerate the progress and to review the project design are needed.
	Have the outputs been appropriate to achieve the Project purpose?	Has there been any factors contributing to the achievement of the Project purpose other than the outputs?	N.A.
		Is the logical sequences between outputs and Project purpose still secured?	Logical sequences are found to be still secured.
	Has there been any influence of important assumptions?		The security conditions prevailing in the target areas remain the same. There have been internal problems within the FOs in LCC (W) such as the cases filed against the FO presidents, which, however, have already been disposed with supports from and facilitation by the relevant stakeholders.
Has there been any other hindering or contributing factors?		N.A.	

Evaluation Criteria	Evaluation question		Results
	Main question	Sub question	
Efficiency	Have the Project activities been appropriate to produce the outputs?	Are the activities contributing to achieve the outputs?	Due to the delays of activities related to the Output 1 and 2, the degree of their contributions has not yet been confirmed.
		Has there been any obstacle for the achievement of the outputs?	Delays in provision of inputs (procurement of equipment, human resource allocation) have caused delays in the progress of activities thus have hampered the degree of achievement of the outputs.
	Have the inputs been appropriate to produce the outputs?	Have the timing, number, duration, and fields of Japanese experts dispatched been appropriate?	YES
		Have the timing, duration, contents of counterpart training been appropriate?	There have been 7 counterpart personnel dispatched, all of whom highly appreciate their learning as inspiring and useful.
		Have the timing, volume, and specification of provision of equipment been appropriate?	There has been considerable delay in provision of equipment to be procured with PISIP fund.
		Have the timing, number, fields and competency of the counterpart personnel been appropriate?	The frequent transfer of counterpart personnel at the key positions have influenced somewhat negatively the implementation of the Project especially in terms of management and administrative aspects.
		Were the physical facilities sufficient to implement the Project activities?	GOP have duly provided office space with proper furnitures and water, electricity, telephone and internet facilities to the Project.
		Has the scale of Project cost been appropriate for the planned inputs?	As there have been problems related to inputs, assessment cannot be done.
		Will the degree of the Project achievements be enough to compensate the costs of inputs?	TO BE VERIFIED AFTER THE ACHIEVEMENTS ARE IDENTIFIED
		Are there any outputs that were realized by cooperation with other JICA schemes or other donors?	NO
	Have there been any factors hindering or contributing to the efficiency of the Project?	Has there been any influence from important assumptions?	NO
		Have there been any other factors affecting the efficiency?	There has also been delays in the procurement of services of the agricultural experts under PISIP. One of the Pre-conditions related the budget to introduce water saving technologies was not met, which has also created delay in the progress.
Impacts	Is the prospect of achieving the overall goal assumed to be high?	Is the model of appropriate irrigation management established by the Project likely to be disseminated to the target areas other than the pilot areas?	The definition of the model itself is yet to be agreed upon, let alone the possible discussion on the ways to disseminate it.
		Are the FOs in the target areas likely to apply the model of appropriate irrigation management that is to be established by the Project?	NOT YET REACHED TO THE STAGE OF ASSESSMENT due to the delay in the progress of the activities.
		Are methods or mechanism suggested to achieve the overall goal?	NOT YET REACHED TO THE STAGE OF ASSESSMENT due to the delay in the progress of the activities.
		Will the achievement of the overall goal contribute to the bring positive impacts to the policies of Pakistani government?	N.A. It aims rather to bring direct benefit to the beneficiary, as the policy has already been in support of IMT and capacity building of farmers and relevant government officers.
		Is there any possible factors that hinder or contribute to the achievement of the overall goal?	Sound progress of and intergation of outputs into the acitivitis of PISIP would contribute to the achievement of the overall goal.

Evaluation Criteria	Evaluation question		Results
	Main question	Sub question	
	Is the project purpose still appropriated to achieve the overall goal?	Is the logical sequences between the Project purpose and the overall goal still secured?	Yes, but under the condition that the definition of the model would be clarified and agreed upon among the stakeholders, including those at the field level in the target areas.
		Are there any additional important assumptions to be taken into account?	The assumption on security situation in target area is to be added, which would affect the future activities to attain the overall goal. Another assumption on continuity of legal framework is to be added based on the experience that some of the activities were delayed due to the amendment of PIDA Rules.
	Have there been any other ripple effects?	Has there been any effect beyond the intended target groups?	Not yet verified.
		Has there been any unexpected effect on the policies and programs of implementing agencies?	Not yet verified.
		Has there been any change or formulation in terms of relevant organization, laws, rules and regulations?	Not yet verified.
		Has there been any unexpected change in technical and/or methodological aspects of the training?	Not yet verified.
		Has there been any unexpected effect in terms of gender, human rights, poverty gap, peace and conflicts?	None has so far been reported.
		Has there been any unexpected effect on environmental concerns in the target areas?	None has so far been reported.
Are the impacts brought by the Project?	What are the factors that brought about the above mentioned positive and negative effects?	N.A.	
Sustainability	Will the policy of improving and expanding irrigated agriculture continue ?	Is the possibility of continuation of the policies of irrigation and agricultural sectors high?	The necessity of irrigation development for the agricultural development and capacity building of FOs/AWBs and relevant government officers to promote IMT are given high priority in the current policies and programs.
		Is there any alternative programs that can integrate the outcomes of the Project?	As the activities of the Project are integral parts and parcels of the existing programs of the implementing agencies, it is generally anticipated that they would continue the activities, though maybe with the smaller scale of inputs.
		Are the implementing agencies committed to continue the activities?	
	Are the implementing agencies capable to continue or further expand relevant activities of the Project?	Are the counterpart personnel capable of carrying out the activities?	Further activation of the Task Teams and working groups under them are recommended.
		Are the necessary budget allotted for the continuous provision to training, monitoring and evaluation activities?	As the activities of the Project are integral part of the existing programs of the implementing agencies, continuous allocation of fund may generally be anticipated.
	Will the technologies and methodologies introduced by the Project continuously be utilized?	Are the participating farmers capable of continuing and expanding their activities initiated during the Project?	The activities so far conducted at the farmers' lever have only been the demonstration of water saving technologies, which are yet to be further disseminated.
		Are the model ofo appropriate irrigation management system properly comprehended and well accepted among the stakeholders?	NOT YET
		Is there any mechanism within the implementing agency to continue / furrther disseminate / modify the guidelines/manuals in the future?	FO training is the routine responsibility of PIDA thus the continuity can be expected.

Evaluation Criteria	Evaluation question		Results
	Main question	Sub question	
		Are the contents and materials of TOT developed by the Project suitable for the situation of the beneficiaries?	N.A. The TOT conducted so far was on the basic module, which was out-sourced to the local consultant. No materials have been developed by the Project.
		Is there any mechanism to further disseminate the training and approach to other areas?	NOT YET
		Is the necessary equipment properly maintained?	Technical equipment so far provided are kept in good conditions.
	Are there any factors that may affect the sustainability of the Project?	Is there any negative influence on the social and cultural aspects that may become obstacles in carrying out the activities?	None has so far been reported.
		Is there any negative influence on the environment that may inhibit the continuation of the activities?	None has so far been reported.
	Identification of the Necessary measures to be taken	How the presumed conditions at the time of the commencement of the Project been changed and addressed?	What have been the factors affected the provisions of the planned inputs?
What have been the factors affected the progress of the activities?			Aside from the problems related to the inputs, the review of the policy of institutional reform in irrigation sector and amendment of PIDA Rules have practically stopped the activiteis related to the Output 1.
What have been the factors affected the degree of achievement of outputs?			Delays in carrying out the activities caused considerable difficulties for the Project's achievement of Output 1 and 2.
What have been the factors affected the implementation mechanism of the Project?			At the initial stage, there were some confusion among the stakeholders as for the specific roles to be played and it was found necessary to clarify the implementation mechanism of the Project. Now the Task Teams have been formulated per field of activities, which are to be futhre activate.
What have been the factors affected the pre-conditions and important assumptions?			Unavailability of inputs from the MEGA Project was crucial but addressed by the decision of the SC. Other important assumption has not affect the Project implementation so far.
What are the possible measures to further facilitate the Project implementation?		Is there any necessary change in terms of activities and inputs of the Project?	There has already been proposed modification of the input plans and activities to adjust the Project to the current situation, which are to be reflected in the proposed revision of the PDM:
		Is there any necessary change in terms of outputs and their target indicators of the Project?	(1) re-definition of the model to be established as the Project purpose and its target level, (2) re-examination of outputs and their target levels, (3) modifications on some of the OVIs and their means of verification according to the (1) and (2) above,
		Is there any necessary change in terms of the Project purpose and its target indicators?	(4) modification of the activities in accordance with the change in the outputs, and, (5) inclusion of additional important assumptions.
		Is there any necessary change in terms of the implementation mechanism of the Project?	Further activation of the Task Teams and working groups under them are recommended.
		What are the other possible measures to further facilitate the Project implementation?	Since it is hard estimate the Project progress until the termination after revision of the activities, Project management persons should carefully monitor the progress based on the revised PDM with indicators, and discuss the possible achievements of the Project purpose and overall goal in about one year time.

ANNEX VII PROJECT DESIGN MATRIX (PDM)

Project Title: The Strengthening Irrigated Agriculture through Participatory Irrigation Management in the Punjab Province

Implementing Agencies: of Irrigation and Power Department, Punjab (IPD) and Punjab Irrigation and Drainage Authority (PIDA) in collaboration with Punjab Agriculture Department (PAD)

Project Period: 4 years and 1 month (Mar. 2009 - Mar. 2013)

Target Area: Bahawalnagar Canal Circle in Bahawalpur Irrigation Zone, Lower Chenab Canal West (LCC (W)) Circle in Faisalabad Irrigation Zone, and Dera Jat Canal Circle in DG Khan Irrigation Zone

Main pilot areas are in Bahawalnagar Canal Circle and LCC (W) Circle, while **sub pilot area** is in Dera Jat Canal Circle

Target Group: Area Water Boards (AWBs), Farmer's Organizations (FOs) and relevant staff of government organizations in the target area

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
Overall Goal The established model of appropriate irrigation management system is disseminated in Bahawalnagar Canal Circle in Bahawalpur Irrigation Zone, LCC (W) Circle in Faisalabad Irrigation Zone and Dera Jat Canal Circle in DG Khan Irrigation Zone.	1 The number of FOs which apply the established model of appropriate irrigation management exceeds 15% of all FOs in the target area by year 2018.	Activity records of AWBs/FOs in the target area	<ul style="list-style-type: none"> There is no drastic change in climatic conditions. Security situations in pilot areas do not become extremely unstable.
Project Purpose The model of appropriate irrigation management system is established through verification activities in the pilot areas.	1 The manuals/guidelines for AWBs/FOs are compiled and applied in the main pilot areas. 2 Water productivity in the main pilot areas is increased by 5%. 3 More than 50% of the government staff of IPD, PIDA and extension related staff of PAD trained through TOT by the Project apply the obtained knowledge /methods / techniques to support farmers and members of AWBs/FOs in the main pilot areas.	Project records and activity records of AWBs/FOs Sample surveys in the field Project records and interviews	<ul style="list-style-type: none"> There is no drastic change in climatic conditions.
Outputs 1 Guidelines/manuals are improved and utilized to strengthen and sustain the efforts of AWBs/FOs. 2 Appropriate water saving Irrigation technologies established in the model areas are promoted in the pilot areas. 3 Capacity building methodologies are improved for relevant government staffs such as IPD, PIDA, and PAD personnel as well as for the officials of the organizations at farmers' level such as AWBs/FOs.	1-1 The improved manuals/guidelines are compiled and made available to AWBs/FOs. 2-1 Guidelines on the water saving technologies are compiled and made available to the farmers in the main pilot areas. 2-2 More than 10% of the farmers in the main pilot areas apply at least one of the water saving technologies recommended by the Project. 3-1 Training manuals, textbooks and information materials are compiled. 3-2 At least 25 staff of IPD and PIDA receive the TOT. 3-3 At least 20 extension related staff of PAD receive the TOT on extension methodology. 3-4 At least 15 officials of the organizations at farmers' level such as AWBs/FOs receive the TOT.	Project records and activity records of AWBs/FOs Project records Field surveys and interviews Project records Project records Project records Project records	<ul style="list-style-type: none"> Security situations in pilot areas do not become extremely unstable. No major dispute or conflict occur within the FOs and among the farmers in the pilot areas.
Activities 1 Strengthening of AWBs/FOs 1-1 Set up and prepare the pilot areas and the model areas. 1-2 Review and re-examine the guidelines/manuals developed in the AWB / Lower Chenab Canal (East) Circle by the foregoing project, i.e. Capacity Building for Irrigation Management (CBIM). 1-3 Monitor the utilization of the guidelines/manuals for the AWBs/FOs and conduct the on-site verification. 1-4 Improve the guidelines/manuals based on the results of the verification. 2 Water Saving Irrigation Technologies 2-1 Provide guidelines of water saving irrigation technologies through verification in the model areas. 2-2 Disseminate the technologies recommended in the guidelines. 3 Capacity Building Methodologies 3-1 Improve the methods of agricultural extension methods. 3-2 Improve the Training of Trainers (TOT) methods for government staffs who provide guidance to the AWBs/FOs and farmers. 3-3 Disseminate and share the outcomes and experiences of the Project.	Inputs	Preconditions	<ul style="list-style-type: none"> Collaborative coordination is made among the implementing agencies. The AWBs/FOs and farmers in the target area are willing to participate in the Project activities. Security situations in pilot areas do not become extremely unstable. The Government of Punjab secures necessary budget for the Mega Project (2007-20012) to introduce water saving technologies.
	Japanese Side 1. Japanese experts Long-term experts: - Chief Advisor / Strengthening of AWBs/FOs - On-farm Water Management / Water Saving Irrigation - Project Coordination / Training Short-term experts in the relevant fields (if necessary) 2. Machinery and equipments 3. Training of counterpart personnel overseas 4. Local costs (if and when necessity arises)	Pakistani Side 1. Counterpart and administrative personnel 2. Office space and equipments 3. Model area and facilities in the pilot areas 4. Local costs	

Note: The model to be established as the Project Purpose consists of holistic approaches that integrate the strengthening of AWBs/FOs, water saving technologies, and improvement of extension and training methodologies.

PLAN OF OPERATIONS (PO)

.... Plan
 — Achievement

Activities	2008	2009				2010				2011				2012			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
0. Preparatory activities																	
(1) Share the Project concept among the stakeholders.		—														
(2) Set up the management body of the Project and prepare the work plan.		—														
1-1 Review and re-examine the guidelines/manuals developed in the Area Water Boas (AWB)/Lower Chenab Canal East (LCC (E)) Circle by the foregoing JICA Project, i.e. Capacity Building for Irrigation Management (CBIM).																	
(1) Review the operations of the FOs in the AWB/LCC (E) in line with the guidelines/manuals.		—														
(2) Re-examine the applicability of the guidelines/manuals upon feedback from verification activities in the pilot areas.		—														
1-2 Set up and prepare the pilot areas and model areas.																	
(1) Review the present situation and implement baseline survey on the pilot areas, taking into account the guidelines/manuals which the foregoing JICA Project has proposed.		—														
(2) Provide the pilot areas with required facilities		—														
1-3 Conduct on-site verification of the guidelines/manuals for the AWBs/FOs.																	
(1) Strengthen the management, finance and accounting (water charge collection etc) of the FOs through on-the-job-training in the pilot areas in line with the guidelines/manuals.		—														
(2) Implement operation and maintenance of distributaries as well as appropriate water management and monitoring in the pilot areas, taking the guidelines/manuals into account.		—														
(3) Instruct the AWBs to conduct monitoring activities of the FOs based on the guidelines/manuals.		—														
(4) Compile the results of monitoring and the verification processes.		—														
1-4 Improve the guidelines/manuals based on the results of verification.																	
(1) Draw out the points to be improved and accordingly revise the guidelines/manuals.		—														
2-1 Provide guidelines of water saving technologies through verification in the model areas.																	
(1) Conduct the baseline survey to grasp the current irrigation management practices by farmers.		—														
(2) Introduce and practice the water saving methods selected from laser land leveling, furrow irrigation, drip irrigation, sprinkler irrigation, etc. in the model areas.		—														
(3) Propose improvement of the conventional land leveling methods and conduct verification study.		—														
(4) Propose improved on-farm water management and conduct verification study.		—														
(5) Draw out the guidelines of the water saving technologies.		—														
2-2 Disseminate the water saving technologies recommended in the guidelines.																	
(1) Apply the guidelines to the FOs in the areas other than the model areas through PAD.		—														
3-1 Improve the agricultural extension methods.																	
(1) Review and select appropriate extension methods utilizing FOs in the pilot areas in collaboration with IPD, PIDA, PAD, and related institutions, with application of methods of farmers field school and/or others		—														
(2) Draw out extension plan and training textbooks/materials for trainers, and conduct training for the FOs in the pilot areas.		—														
(3) Extend the outcomes of various activities in the model areas to the farmers in other areas, taking into account the actual literacy level in rural areas.		—														
3-2 Improve the Training of Trainers (TOT) methods for government staffs who provide guidance to AWBs/FOs and farmers.																	
(1) Review the existing methods of TOT.		—														
(2) Modify the training materials for the trainers who train AWB/FO officials and farmers, as well as the documentaries to be disseminated through media, and conduct trial trainings.		—														
(3) Implement the TOT targeting to the relevant staffs and trainers of government organizations, as well as to the officials of the AWBs/FOs.		—														
3-3 Disseminate and share the outcomes and experiences of the Project.																	
(1) Conduct sharing activities among stakeholders.		—														
(2) Hold seminars, workshops, field visits etc. to extend outcomes of the activities 1, 2 and 3.		—														

ANNEX 9: Proposed Revision of the Project Design Matrix (PDM)

Version: Ver. 2
Date: February 21, 2011

Project Title: The Strengthening Irrigated Agriculture through Participatory Irrigation Management in the Punjab Province
Implementing Agencies: of Irrigation and Power Department, Punjab (IPD) and Punjab Irrigation and Drainage Authority (PIDA) in collaboration with Punjab Agriculture Department (PAD)
Project Period: 4 years and 1month (Mar. 2009 - Mar. 2013)
Target Area: Bahawalnagar Canal Circle in Bahawalpur Irrigation Zone, Lower Chenab Canal West (LCC (W)) Circle in Faisalabad Irrigation Zone, and Dera Jat Canal Circle in DG Khan Irrigation Zone
Main pilot areas are in Bahawalnagar Canal Circle and LCC (W) Circle, while sub pilot area is in Dera Jat Canal Circle
Target Group: Area Water Boards (AWBs), Farmer's Organizations (FOs) and relevant staff of government organizations in the target area

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
Overall Goal The established model of appropriate irrigation management system is disseminated in Bahawalnagar Canal Circle in Bahawalpur Irrigation Zone, LCC (W) Circle in Faisalabad Irrigation Zone and Dera Jat Canal Circle in DG Khan Irrigation Zone.	1 The number of FOs which are benefited from the established model exceeds 15% of all FOs in the target area by year 2018.	Activity records of AWBs/FOs in the target area Record of IPD, PIDA and PAD	<ul style="list-style-type: none"> There is no drastic change in climatic conditions. Irrigation management transfer policy and functions of related agencies are maintained by the Government of Punjab.
Project Purpose The model of appropriate irrigation management system is established through verification activities in the pilot areas.	1 The training manuals and operational references for AWBs/FOs are utilized in the main pilot areas. 2 More than 25% of the farmers in the model areas are willing to apply at least one of the promoted technologies. 3 More than 50% of the KP chairmen in the main pilot areas who were provided with technical promotion materials have favorable responses to apply at least one of the promoted technologies. 4 More than 50% of the participants of TOT apply the learning to support farmers and AWBs/FOs in the main pilot areas.	Project records and activity records of AWBs/FOs Field surveys and interviews Field surveys and interviews Project records and interviews	<ul style="list-style-type: none"> There is no drastic change in climatic conditions. Security situations in the target area do not become extremely unstable. No drastic change in laws, rules and regulations relevant to the AWBs/FOs that is contradictory to the Project outcomes is introduced. The Yen Loan Project i.e. Punjab Irrigation System Improvement Project (PISIP) is duly implemented in the target area.
Outputs 1 Training materials and operational references are improved/developed to strengthen and sustain the efforts on AWBs/FOs 2 Appropriate water saving irrigation technologies established in the model areas are promoted in the main pilot areas. 3 Capacities for training and guidance are improved among relevant government personnel such as IPD, PIDA, and PAD.	1-1 Training materials are made available to AWBs/FOs in main pilot areas. 1-2 Operational references are made available to AWBs/FOs in main pilot areas. 2-1 Technical promotion materials are provided to at least 50% of the farmers in the model areas. 2-2 Technical promotion materials are provided to at least 70% of the KP chairmen in the main pilot areas 3-1 TOT manuals are compiled. 3-2 At least 30% of staffs of IPD, PIDA and PAD who are related to TOT in the future receive the TOT.	Project records Project records Project records, field surveys and interviews Field surveys and interviews Project records Project records	<ul style="list-style-type: none"> Security situations in pilot areas do not become extremely unstable. No major dispute or conflict occur within the FOs and among the farmers in the pilot areas. There is no drastic change in climatic conditions. There is no drastic change in the price of agro-inputs and produce.
Activities 1. Strengthening of AWBs/FOs 1-1 Revise the PIDA's training materials for AWBs/FOs in reference to the guidelines/manuals developed in the AWB / Lower Chenab Canal (East) Circle by the foregoing project, i.e. Capacity Building for Irrigation Management (CBIM). 1-2 Monitor the utilization of the training materials for the AWBs/FOs and conduct the on-site verification. 1-3 Improve the training materials for AWBs/FOs, based on the results of the verification. 1-4 Develop operational references for AWBs/FOs. 2. Water Saving Irrigation Technologies 2-1 Formulate technical promotion materials of water saving irrigation technologies through verification in the model areas. 2-2 Conduct additional activities to enhance promoting the technologies. 2-3 Conduct dissemination. 3. Capacity Building Methodologies 3-1 Develop the Training of Trainers (TOT) for government staffs who provide guidance to the AWBs/FOs and farmers. 3-2 Improve the Training of Trainers (TOT). 3-3 Disseminate and share the outcomes and experiences of the Project.	Inputs	Japanese Side 1. Japanese experts Long-term experts: - Chief Advisor / Strengthening of AWBs/FOs - On-farm Water Management / Water Saving Irrigation - Project Coordination / Training Short-term experts in the relevant fields (if necessary) 2. Machinery and equipments 3. Training of counterpart personnel overseas 4. Local costs (if and when necessity arises) Pakistani Side 1. Counterpart and administrative personnel 2. Office space and equipments 3. Model area and facilities in the pilot areas 4. Local costs	<ul style="list-style-type: none"> Security situations in pilot areas do not become extremely unstable. No major dispute or conflict occur within the FOs and among the farmers in the pilot areas. There is no drastic change in climatic conditions.
			Preconditions
			<ul style="list-style-type: none"> Collaborative coordination is made among the implementing agencies. The AWBs/FOs and farmers in the target area are willing to participate in the Project activities. Security situations in pilot areas do not become extremely unstable. The Government of Punjab secures necessary budget for the Mega Project (2007-2012) to introduce water saving technologies.

※It should be noted that capacity building of the relevant stakeholders who serve farmers is the fundamental requirement and thus initial step to realize the appropriate irrigation management system. Therefore, the model to be established as the Project purpose is the model for the capacity building.

The current Point

Activities	The current Point																	
	2008		2009				2010				2011				2012			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
	3	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	
0. Preparatory activities																		
(1) Share the Project concept among the stakeholders.																		
(2) Set up the management body of the Project and prepare the work plan.																		
(3) Review the present situation and implement baseline survey on the pilot areas.																		
1-1 Revise the PIDA's training materials for AWBs/FOs in reference to the guidelines/manuals developed in the AWB / Lower Chenab Canal (East) Circle by the foregoing project, i.e. Capacity Building for Irrigation Management (CBIM).																		
(1) Review the training method conducted by PIDA in AWB/LCC(W)																		
(2) Revise the training materials for AWBs/FOs to meet the requirement of the respective target group in reference to the guidelines/manuals																		
1-2. Monitor the utilization of the training materials for the AWBs/FOs and conduct the on-site verification.																		
(1) Observe the training to AWBs/FOs and survey the achievement of the training.																		
(2) Instruct the AWBs to monitor activities of the FOs.																		
(3) Monitor the practical activities of AWBs/FOs																		
(4) Analyze the results of survey and monitoring to identify the issues to be fed back.																		
1-3. Improve the training materials for AWBs/FOs, based on the results of the verification.																		
(1) Draw out the points to be improved and accordingly revise the training materials.																		
1-4. Develop operational references for AWBs/FOs																		
(1) Develop Operational References for AWBs/FOs based on the analysis conducted through activity 1-3																		
2-1. Formulate technical promotion materials of water saving irrigation technologies in the model areas																		
(1) Demonstrate and verify the water saving methods selected from laser land leveling, furrow irrigation, drip irrigation, sprinkler irrigation, etc. in the model areas																		
(2) Draw out technical promotion materials																		
2-2. Conduct additional activities to enhance promoting the technologies																		
(1) Verify the water saving methods applied in the promotion																		
(2) Practice and verify complementary technologies for the water saving irrigation																		
2-3. Conduct dissemination																		
(1) Carry out dissemination																		
3-1 Develop the Training of Trainers (TOT) for government staffs who provide guidance to the AWBs/FOs and farmers.																		
(1) Review the outcomes of the CBIM regarding the TOT planning and the present training conditions.																		
(2) Implement the baseline survey to identify the TOT target and find their needs and their capacity as a trainer before the TOT.																		
(3) Plan the TOT courses based on the result of the CBIM outcome review and the Baseline Survey.																		
(4) Implement the TOT courses.																		
(5) Evaluate the TOT courses and the participants.																		
(6) Compile a TOT materials based on the implemented TOT courses and the results of the evaluation.																		
(7) Improve current agricultural extension manuals taking into account the actual literacy level in rural areas through planning and conducting seminar/training to the relevant extension personnel.																		
(8) Draw out a promoting/guidance method utilizing FOs in the pilot areas in collaboration of IPD, PIDA, PAD, and related institutions, with application of methods of farmers field school and/or others.																		
3-2 Improve the Training of Trainers (TOT)																		
(1) Monitor the TOT participants providing training / guidance to the farmers and FOs.																		
(2) Analyze the results of the TOT courses evaluations and the monitoring of the TOT participants' training / guidance works.																		
(3) Based on the review results, plan supplement TOT courses to meet their challenges and needs.																		
(4) Conduct the supplement TOT courses.																		
(5) Evaluate the supplement TOT courses and the participants.																		
3-3 Disseminate and share the outcomes and experiences of the Project.																		
(1) Conduct sharing activities among stakeholders.																		
(2) Hold seminars, workshops, field visits etc. to extend outcomes of the activities 1, 2 and 3.																		

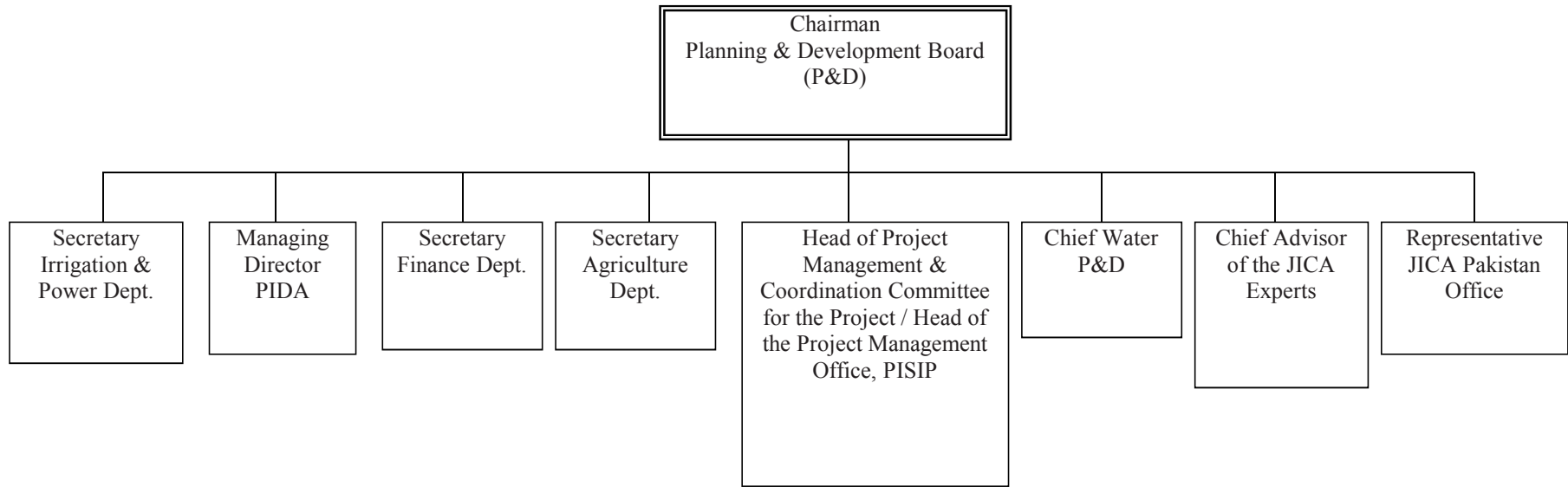
Progress on Time Bound Action Plan till January 29, 2011

Action	Responsible Person (Agency)	Target Date	Status	Revised Date as per 2nd JMM	Revised Date as per 3rd JMM
I					
(PISIP/SIAP) Revision of PC-I					
Approval by the Federal CDWP	Head-PMO, PISIP	15.08.2010	In Process, 50 copies of revised PC-I have been submitted to P & D division Islamabad vide P & D Deptt. on August 08, 2010	01.01.2011	28-02-2011
Approval by ECNEC	Head-PMO, PISIP	15.11.2010		01.02.2011	31-03-2011
II					
(PISIP/SIAP) Institutional Reforms of Irrigation Management					
1. LCC (East) Circle					
Election of FOs,	CE/AWB-LCC (East)	30.06.2010	Elections of 66 FOs out of 85 have been completed. Election schedule in 19 is pending due to litigation. 64 cases out of 128 have been disposed of by LHC	30.11.2010	15-02-2011
IMT to FOs,	CE/AWB-LCC (East)	31.08.2010	Revised Rules have been notified and IMT agreement has also been revised in the light of these amendments and process of agreement is underway.	31-12-2010	31-01-2011 (For already elected FOs)
Approval of the training plan	GM/PIDA	31.07.2010	done	30.10.2010	
Completion of initial training to FOs	CE/AWB-LCC (East)	31.12.2010	After the approval of implementation schedule of training by the competent authority the Initial process for foundation training has been started.	30.04.2011	31-03-2011
Election of AWB members	CE/AWB-LCC (East)	31.10.2010	Instructions issued to Chief Executive AWB for election	31-01-2011	28-02-2011
2. Bahawalnagar Canal Circle					
IMT to FOs,	CE/AWB-BNG	31.08.2010	Revised Rules have been notified and IMT agreement has also been revised in the light of these amendments and process of agreement is underway.	31.10.2010	31-01-2011
Approval of the training plan	GM/PIDA	31.07.2010	done	30.10.2010	
completion of initial training to FOs	CE/AWB-BNG	31.01.2011	After the approval of implementation schedule of training by the competent authority the Initial process for foundation training has been started.	30.04.2011	
Election of AWB members	CE/AWB-BNG	31.08.2010	Instructions issued to Chief Executive AWB for election	31.12.2010	20-03-2011
Establishment and activation of AWB	CE/AWB-BNG	30.09.2010	Delayed	31.01.2011	31-03-2011
Completion of training to AWB	GM/PIDA	31.10.2010	Delayed	28.02.2011	01.05.2011

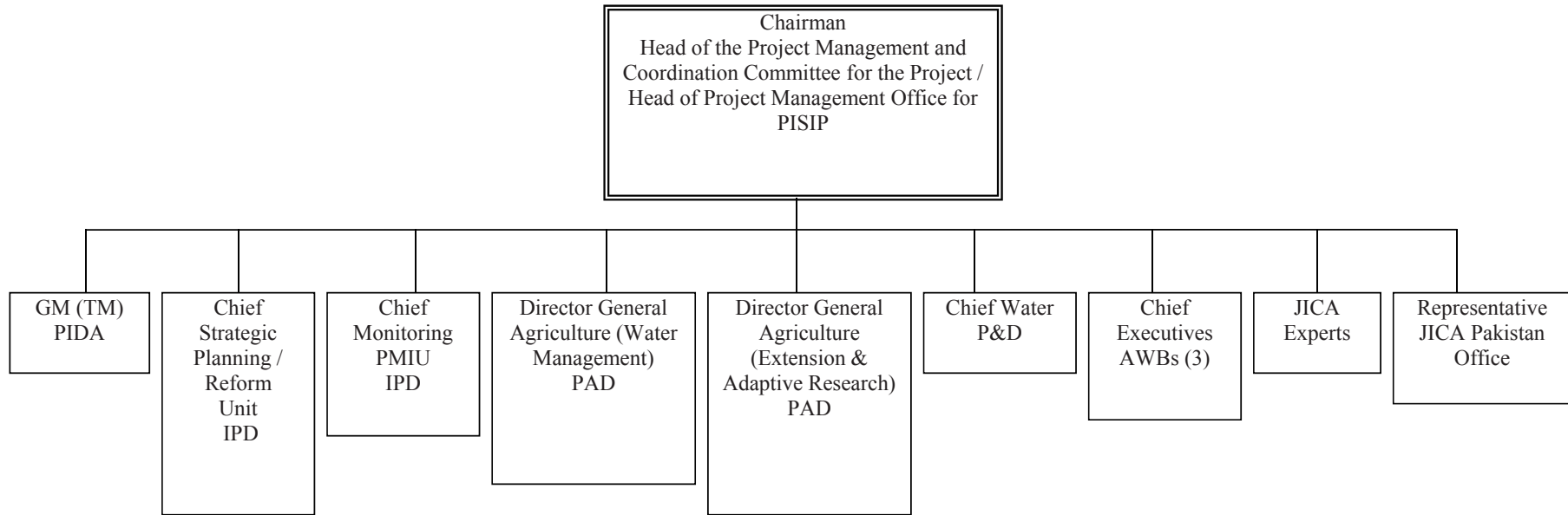
	(PISIP) Procurement of equipment	GM/PIDA	30.11.2010	For procurement of Furniture and Equipments, bids have been invited, opened and technically evaluated. Financial approval is under way. The procurement will be made after the clearance form austerity committee. For this purpose request has already been	28.02.2011	24-12-2010
	(PISIP) Procurement of vehicle	GM/PIDA	30.11.2010	Linked with approval of revised PC-I		
3. Dera Jat Canal Circle						
	Election of concerning Khal Panchayats,	CE/AWB-DJT	31.07.2010	Delayed, Election notification has been issued by the authority on 15.05.2010. Elections in 2578 KPs out of 3473 have been completed. Process delayed due to involvement of staff in flood relief activities	31.03.2011	31-05-2011
	Election of FOs,	CE/AWB-DJT	31.08.2010	Election in 54 out of 90 FOs have also been completed. Process delayed due to flood relief activities. Will be restarted in first week of January, 2011	30.04.2011	15-06-2011
	IMT to FOs,	CE/AWB-DJT	31.10.2010	-	31.05.2011	15-07-2011
	Approval of the training plan	GM/PIDA	31.07.2010	done	30.10.2010	
	completion of initial training to FOs	CE/AWB-DJT	31.01.2011	After the approval of implementation schedule of training by the competent authority the Initial process for foundation training has been started.	31.10.2011	31-03-2011 (for existing FOs)
	Election of AWB members	CE/AWB-DJT	31.10.2010	-	31.07.2011	31-07-2011
	Establishment and Activation of AWB	CE/AWB-DJT	30.11.2010	-	15.08.2011	15-08-2011
	Completion of training to AWB	CE/AWB-DJT	31.12.2010	-	31.08.2011	31-08-2011
	(PISIP) Procurement of equipment	GM/PIDA	30.11.2010	For procurement of Furniture and Equipments, bids have been invited, opened and technically evaluated. Financial approval is under way. The procurement will be made after the clearance form austerity committee. For this purpose request has already been submitted accordingly.		28-02-2011
	(PISIP) Procurement of vehicle	GM/PIDA	30.11.2010	Linked with approval of PC-I		
4. LCC(W) Circle						
	Approval of the training plan	GM/PIDA	31.07.2010	done	30.10.2010	
	Commencement of preparation of re-election	CE/AWB-LCC(W)	01.01.2011	-		01.07.2011

	Re-election of FOs	CE/AWB-LCC(W)	30.04.2011			Chair directed PIDA to move for extension in FOs tenure. PIDA mentioned 30.10.2011 as date for completion of re-elections
	completion of initial training to FOs	CE/AWB-LCC(W)	31.10.2011	-		
	IMT	CE/AWB-LCC(W)	30.06.2011			30-11-2011 (after re-election as proposed by PIDA)
	Re-election of AWB members	CE/AWB-LCC(W)	30.06.2011			31-01-2012
5. Amendment of PIDA Rules						
	Approval by Legal Department	GM/PIDA	15.06.2010	Done		
	Approval by Chief Minister	GM/PIDA	30.06.2010	Done	15.11.2010	
6. Training materials						
	Redrafting the revised training materials & internal examination	GM/PIDA	31.07.2010	1st Draft of training material has been prepared and submitted to JICA for review.	30.12.2010	31-01-2011
	Internal examination & finalization at PIDA	GM/PIDA	31.08.2010	In Process	10.01.2011	10.02.2011
III. (PISIP/SIAP) Water Saving Technologies						
1. Office arrangement						
	Setting up Faisalabad office	CE/AWB-LCC(W)	15.06.2010	Office space allocated, office setup is completed, procurement of furniture & equipment is in process	28.02.2011	
	Setting up Bahawalnagar office	CE/AWB-BNG	15.06.2010	do	28.02.2011	
	Setting up Dera Jat office	CE/AWB-DJT	15.06.2010	do	28.02.2011	
	(PISIP) Procurement of equipment	GM/PIDA	30.11.2010	in process		
	(PISIP) Procurement of technical service	GM/PIDA	31.08.2010	Physical work for Rabi-2011 is completed, Plan for kharief 2011 is in process	30.11.2010	
	(PISIP) Procurement of vehicle	GM/PIDA	30.11.2010	For time-gap arrangements, PIDA has provide 4 vehicles		
4. Confirmation of Administration mechanism						
	(SIAP) Capacity building and training	GM/PIDA	15.06.2010	Done		
IV (PISIP) Audit						
	Submission of Engagement Letter to JICA	Head-PMO/PISIP	31.07.2010	Done		
	Submission of audit report for FY 2009-10	Head-PMO/PISIP	31.03.2011		31-03-2011	
V (PISIP) Ground Water Management						
	Database of Existing & Proposed Quality Points	SPRU, DLR	30.09.2010	Done		
	Development of GIS Based Maps	SPRU, DLR	30.09.2010	Done		
	Tubewell Inventory Data	SPRU, DLR	30.09.2010	Done		
	Groundwater Monitoring Activities	SPRU, DLR	31.12.2010	Done		
	Socio-Economic Data Collection and Analysis	SPRU, DLR	31.12.2010	In process		

ORGANIZATION CHART OF THE STEERING COMMITTEE



ORGANIZATION CHART OF THE PMCC COMMITTEE



Abbreviations

GM (TM): General Manager (Transition Management)

PMIU: Program Monitoring and Implementation Unit

9. カウンターパート一覧

LIST OF THE COUNTERPART
(1) DETAIL OF (ARRIVAL & DEPARTURE) OF GOVERNMENT OFFICIALS
SINCE JANUARY 2009 TO-DATE

Sr. No.	Name	Date of Arrival	Date of Departure	Remarks
1	Secretary Irrigation of Power Department			
(i)	Mr. Babar Hassan Bharwana	01/01/2009	04/05/2009	
(ii)	Maj (Rtd) Azam Suleman	05/05/2009	16/02/2010	
(iii)	Mr. Rab Nawaz	17/02/2010	To-date	
2	General Manager (TM)			
(i)	Mr. Waqar Ahmad Khan	25/05/2008	15/06/2009	
(ii)	Mr. Asrar-ul-Haq	16/06/2009	28/10/2009	
(iii)	Mr. Muhammad Ashraf	29/10/2009	03/08/2010	
(iv)	Mr. Syed Zahid Ali	04/08/2010	To- date	
3	Dy.General Manager (TM)			
(i)	Mr. Abdul Rahim Garewal	05/03/2009	10/07/2009	
(ii)	Mr. Muhammad Yunus Bhati	11/07/2009	31/08/2010	
(iii)	Mr. Syed Safdar Shah	25/11/2010	To-date	
4	General Manager (Op)			
(i)	Mr. Waqar Ahmad Khan (Additional Charge)	24/05/2008	14/06/2009	
(ii)	Mr. Asrar-ul-Haq (Additional Charge)	16/06/2009	01/09/2009	
(iii)	Mr. Ilyas Yousaf	29/04/2010	18/07/2010	
(iv)	Mr. Karamat Ali	22/09/2010	To-date	
5	Dy.General Manager (Op)			
(i)	Mr. Irshad Ul Haq	03/06/2008	18/04/2009	
(ii)	Mr. Abdul Rahim Garewal (Additional Charge)	04/05/2009	31/08/2010	
(iii)	Mr. Javed	12/10/2010	To-date	
6	Chief Executive AWB LCC (W) Faisalabad			
(i)	Mr. Bashir Ahmed	21/11/2008	31/10/2009	
(ii)	Mr. Inayat Ullah Cheema	14/11/2009	To-date	
7	Chief Executive AWB D.G.Khan			
(i)	Mr. Aziz Waheed Khan	01/01/2009	31/07/2010	
(ii)	Mr. Muhammad Yaqoob	01/08/2010	To-date	
8	Chief Executive AWB Bahawalnagaqr			
(i)	Mr. Khadim Hussain	20/03/2008	25/09/2009	
(ii)	Mr. Abdul Majeed	26/10/2009	11/06/2010	
(iii)	Mr. Muhammad Saleem	12/10/2010	To-date	

**LIST OF THE COUNTERPART
(2) LIST OF THE COUNTERPART AND ADMINISTRATIVE PERSONNEL OF SIAP PROJECT
SINCE MARCH 2009 TO-DATE**

Sr. No.	Name	Position	Date of Arrival	Date of Departure	Remarks
1	<u>COUNTERPART PERSONNEL</u>				
● CHIEF OF THE STEERING COMMITTEE					
i	Mr. Sohail Ahmed	Chairman P&D	27.02.2009	31.03.2009	List of the Steering Committee members is attached at Annex-A
ii	Mr. Sami Saeed	-do-	31.03.2009	01.02.2009	
iii	Mr. Javed Aslam	Chairman P&D (Chief of the Steering Committee)	01.02.2010	To-date	
● CHIEF OF THE PMCC					
i	Mr. Muhammad Younis Ansari	Head PMO PISIP	21.06.2008	17.09.2009	
ii	Mr. Muhammad Shafiq	Head PMO (Chief of the PMCC)	17.09.2009	To-date	List of the PMCC Committee members is attached at Annex-B
2	<u>PROVINCIAL LEVEL COUNTERPART</u>				
● PUNJAB IRRIGATION AND POWER DEPARTMENT (IPD)					
i	Mr. Babar Hassan Bharwana	Secretary I&P	01.01.2009	04.05.2009	
ii	Maj (Rtd) Azam Suleman	-do-	05.05.2009	16.02.2010	
iii	Mr. Rab Nawaz	-do-	17.02.2010	To-date	
iv	Mr. Asrar-ul-Haq	Chief Strategic Planning Reform/Unit	29.12.2006	To- date	
● PUNJAB IRRIGATION AND DRAINAGE AUTHORITY (PIDA)					
➤ General Managers (TM)					
i	Mr. Waqar Ahmad Khan	General Manager (TM), PIDA	25.05.2008	15.06.2009	
ii	Mr. Asrar-ul-Haq	-do-	16.06.2009	28.10.2009	Additional Charge
iii	Mr. Muhammad Ashraf	-do-	29.10.2009	03.08.2010	
iv	Mr. Syed Zahid Ali	-do-	04.08.2010	To- date	

Sr. No.	Name	Position	Date of Arrival	Date of Departure	Remarks
➤	Dy.General Manager (TM)				
i	Mr. Abdul Rahim Garewal	DGM TM	05.03.2009	10.07.2009	
ii	Mr. Muhammad Yunus Bhati	-do-	11.07.2009	31.08.2010	
iii	Mr. Syed Safdar Shah	-do-	25.11.2010	To-date	
➤	Dy.General Manager (SM)/Training				
i	Mr. Shaiq Hussain Abidi	DGM (SM)/Training	10.09.2007	To-date	
➤	General Manager (Op)				
i	Mr. Waqar Ahmad Khan	General Manager (Op), PIDA	24.05.2008	14.06.2009	Additional Charge
ii	Mr. Asrar-ul-Haq	-do-	16.06.2009	01.09.2009	Additional Charge
iii	Mr. Ilyas Yousaf	-do-	29.04.2010	18.07.2010	
iv	Mr. Karamat Ali	-do-	22.09.2010	To-date	
➤	Dy.General Manager (Op)				
i	Mr. Irshad Ul Haq		03.06.2008	18.04.2009	
ii	Mr. Abdul Rahim Garewal		04.05.2009	31.08.2010	Additional Charge
iii	Mr. Javed		12.10.2010	To-date	
●	PROGRAM MONITORING AND IMPLEMENTATION UNIT (PMIU)				
i	Mr. Muhammad Younis Ansari	Chief Monitoring PMIU	25.03.2009	13.10.2009	
ii	Mr. Habib Ullah Bodla	Chief Monitoring PMIU	14.10.2009	To- date	

Sr. No.	Name	Position	Date of Arrival	Date of Departure	Remarks
● PUNJAB AGRICULTURE DEPARTMENT					
➤ Agriculture On-Farm Water Management (OFWM)					
i	Mr. Abdul Majeed	D.G. OFWM, Agriculture Department	06.12.2008	31.10.2010	
ii	Mr. M. Ashraf	-do-	01.11.2010	To- date	
iii	Mr. Basharat Javed	Director (WMTI)	29.11.2010	To-date	
➤ Agriculture Extension Services					
i	Dr. Anjum Ali	D.G.Ext. Agriculture Department	01.12.2007	To- date	
ii	Mr. Ali Sher Nasir	Agriculture Economist (Ext.)	Jun-08	To-date	
● PLANNING AND DEVELOPMENT DEPARTMENT (P&D)					
i	Mr.Capt. Bashir Ahmed	Chief Water P&D	Nov.2007	Feb. 2010	
ii	Mr. M. Abdul Majeed Bhati	-do-	22.02.2010	To-date	
● PMO PISIP					
i	Mr. Muhammad Shafiq	Head PMO PISIP	17.09.2009	To-date	Chief of the PMCC
ii	Mr.Ahmed Ul Haq Usmani	Director (Engg.) PISIP	27.04.2009	To-date	
iii	Mr. Arif Toor	Dy. Director (Proc./Engg.)	15.04.2009	To-date	
iv	Dr.Irfan Baig	Dy. Director (ID)	25.05.2010	To-date	
3	<u>FIELD LEVEL COUNTERPART</u>				
● AWB LCC (W) FAISALABAD					
i	Mr. Malik Shamsher Khan	Chairman AWB	23.11.2009	To-date	
ii	Mr. Bashir Ahmed	Chief Executive, LCC (W) AWB Faisalabad.	21.11.2008	31.10.2009	
iii	Mr. Inayat Ullah Cheema	-do-	14.11.2009	To-date	
iv	Abdul Ghaffar Bhati	District Officer OFWM Chiniot	28.08.2009	18.07.2010	
v	Mr. Zulfiqar Ali	-do-	01.08.2010	09.11.2010	
vi	Mr. Rana Munir	-do-	10.11.2010	To-date	
vii	Mr. Shahid Hussain	District Officer Extension, Chiniot	01.09.2009	To-date	
viii	Mr. Zulfiqar Ali	Manager SM, PIDA	25.07.2007	To- date	
ix	Mr. Khaliq Dad	Manager (IS), PIDA	25.07.2007	To- date	
x	Mr.Safdar Ali	FO President Pabbarwala Disty	12.09.2007	To- date	

Sr. No.	Name	Position	Date of Arrival	Date of Departure	Remarks
● AWB BAHAWALNAGAR					
i	Mr. Khadim Hussain	Chief Executive, AWB Bahawalnagar	20.03.2008	25/09/2009	
ii	Mr. Abdul Majeed	-do-	26.10.2009	11/06/2010	
iii	Mr. Muhammad Saleem	-do-	12.10.2010	To-date	
iv	Mr. M. Ashraf	District Officer OFWM Bahawalnagar	01.12.2008	15.04.2010	
v	Mr. Rao Muhammad Amin	District Officer OFWM, Bahawalnagar	15.07.2010	30.11.2010	
vi	Mr. Allah Ditta Mansoor	District Officer OFWM, Bahawalnagar	01.12.2010	To-date	
vii	Mr. Manzoor Ahmed Jatala	Executive District Officer OFWM, Bahawalnagar	29.01.2010	To-date	
viii	Mr. Ch. Munir	District Officer Ext. Bahawalnagar	14.02.2006	To-date	
ix	Mr. Nasir Sultan	Manager (SM), PIDA, AWB Bahawalnagar	15.08.2003	To-date	
x	Mr. Sajjad Mahmood	FO President Jalwala Disty	02.11.2009	To-date	
● AWB DERAJAT CANAL CIRCLE D.G.KHAN					
i	Mr. Aziz Waheed Khan	Chief Executive, AWB DG Khan	01.01.2009	31.07.2010	
ii	Mr. Muhammad Yaqoob	-do-	01/08/2010	To-date	
iii	Mr. Khadim Hussain	District Officer OFWM, D.G. Khan	29.01.2010	04.04.2010	
iv	Mr. Manzoor Ahmed	-do-	01.03.2010	28.10.2010	
v	Mr. Munir Ahmed	-do-	05.04.2010	03.10.2010	
vi	Mr. Zafar Ullah Sandho	-do-	05.11.2010	To-date	
vii	Mr. Malik Amjad Iqbal	District Officer Ext. D.G. Khan	01.05.2008	30.09.2010	
viii	Mr. Habib Akhtar	District Officer Ext. D.G. Khan	01.10.2010	To-date	
ix	Mr. Safdar Yar Jhang	Manager (SM), PIDA, AWB Derajat, DG Khan	27.12.2006	To-date	
x	Mr. Ghulam Mustafa	FO President Yaru Disty	02.12.2009	To-date	
● AGRICULTURE STAFF, PISIP					
i	Mr. Imran Khalid	Soil Scientist (Lhr. Office)	06.07.2010	To-date	
ii	Mr. Arbab Khan	Manager Admin/Accounts (Lhr. Office)	09.08.2010	To-date	
iii	Mr. Muhammad Rizwan	Agri. Engr. LCC (W)	30.06.2010	To-date	Mr. Rizwan has submitted one month notice (resignation)
iv	Mr. Kashif Rasool	Agri. Engr. Bahawalnagar	01.09.2010	To-date	
v	Mr. Imran Ali	Agri. Engr Derajat	30.08.2010	To-date	

List of Japanese Expert

No.	Name	Field	Period of Assignment		Remarks	2008				2009				2010						
			From	To		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
1	Mr Susumu Uchiumi	Chief Adviser/strengthen AWB/FO	31-Mar-09	Continuing																
2	Mr Jun Tajiri	On Farm Water Management/Water Saving Technology	10-Jun-09	Continuing																
3	Mr Takahshi Fujisaki	Coordination/Training	24-Mar-09	Continuing																
4	Mr. Shuhei Seyama	PISIP/SIAP Acceleration	Irregular										●	●						

Course List

NO.	Name of Training Course	Number of Participants	Duration	2009				2010			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
①	Water Management Organisation	5	2010/2/15-2010/2/27				↔				
②	Irrigation Management Organisation	2	2010/7/19-2010/7/31						↔		

Participant List

Note: In case a counterpart's employment is temporary, enter "*" in Remarks

No.	Name of Participant	Department	Present Post (Post at assignment time)	Remarks	Period of Assignment		Training in Japan		
					From	To	Year	Name of Training Course	No.
1	Mr. Muhammad Bhatti	PIDA (Head Office)	(Deputy General Manager(Transfer Management))		Jul., 2009	Aug, 2010	2010	Water Management Organisation	①
2	Mr. Shamsher Khan	PIDA (AWB/LCC(W))	Chairman(AWB/LCC(W))	*	Jul., 2009	to date	2010	Water Management Organisation	①
3	Mr. Zulfiqar Ali	PIDA (AWB/LCC(W))	Manager, Social Mobilisation Cell (AWB/LCC(W))		Aug, 2003	to date	2010	Water Management Organisation	①
4	Mr. Nasir Sultan	PIDA (AWB/Bahawalnagar)	Manager, Social Mobilisation Cell (AWB/Bahawalnagar)		Aug, 2003	to date	2010	Water Management Organisation	①
5	Mr. Muhammad Iqbal Lucy	PIDA (AWB/Derajat)	Field Officer (AWB/Derajat)		Aug, 2007	to date	2010	Water Management Organisation	①
6	Mr. Syed Shaiq-Hussain Abid	PIDA(Head Office)	Deputy General Manager (Social Mobilisation)		Oct, 2002	to date	2010	Irrigation Management Organisation	②
7	Mr. Imran Aslam	PIDA (Head Office)	Manager (Reforms)		Dec, 2003	to date	2010	Irrigation Management Organisation	②

12. プロジェクト活動経費実績、機材投入実績

Project Cost implementation from Japan

Unit:Pak Rupees

No.	Category		Budgeted year			Amount	
			FY.2008	FY.2009	FY.2010		
1	Administration (General Affairs)					4,504,083.40	
	Technical Advisor, Office Staff,	傭人費		1,036,110	1,614,360	2,650,470.00	
	Field Visiting : daily	日当宿泊費		238,098	310,946	549,044.00	
	Field Visiting: Rnet-Car	車借上げ代		237,625	590,300	827,925.00	
	Air Ticket	航空運賃		1,600	10,500	12,100.00	
	Meeting Expenses	会議費		72,035	9,485	81,520.00	
	Telephone-Fax-Internet. etc.	通信費		21,598	14,580	36,178.00	
	Office consumerable goods	消耗品		97,861	98,826	196,687.00	
	Document printing and binding	資料作成		75,397	43,158	118,555.00	
	Miscellaneous	雑費		19,179	12,425	31,604.40	
2	Training Fee					3,378,680.00	
	TOT Basic Modules at PIM	研修委託		331,400	1,968,873	2,300,273.00	
	TOT Participants Accommodation	受講者宿泊		82,500	869,350	951,850.00	
	Expenses of Field Visit	現場演習		0	126,557	126,557.00	
3	Consultant Cost					5,916,990.00	
	Bsseline Survey	ベースライン		2,965,990		2,965,990.00	
	Investigation for Land Leveling	均平調査			1,516,000	1,516,000.00	
	Investigation for Manual/Guideline for AWB/FO	FO強化調査			1,435,000	1,435,000.00	
4	Equipment ※See Provision/Procurement/Maintenance of the Equipments					1,023,935.00	
	1) Photocopy Machine	在外事業強化費購入		302,000		302,000.00	
	2) Video Camera Set	在外事業強化費購入		71,075		71,075.00	
	3) USP+Battery Sets (2)	在外事業強化費購入		59,000		59,000.00	
	4) Laptop PC: HP ProNote 4510S, MS-Office2007	在外事業強化費購入		64,900		64,900.00	
	5) Laptop PC: Dell Studio 15	引継ぎ機材		100,000		100,000.00	
	6) LCD Projector: Panasonic	引継ぎ機材		100,000		100,000.00	
	7) Desktop PC: Dell Optiplex	引継ぎ機材		100,000		100,000.00	
	8) Portable Soil pH/EC Meter	携行機材		226,960		226,960.00	
5	Others					401,944.00	
	Device, Small Equipment, software	資機材購入		113,970	45,854	159,824.00	
	Allowance	謝金・報酬		40,620	201,500	242,120.00	
	Others	その他				-	
	Total			-	6,357,918	8,867,714	15,225,632.40

Summary and Achievement of Trainers of Training

Date: Jan. 24, 2011

1. Outline of the Training of Trainer Course in Basic Modules

	Title	Implementation Schedule					Venue
		Group 1	Group 2	Group 3	Group 4	Group 5	
Course 1	Communication and Trainer Attitude	Feb.23-26, 2010	Mar.9-12, 2010	Mar.24-27, 2010	Apr.5-8, 2010		PIM
Course 2	TNA, Material, Guidance and Planning	Apr.20-23, 2010	May.4-7, 2010	May.18-21, 2010	Jun.1-4, 2010		PIM
Course 3	Case Study, Role Play and Evaluation	Jun.22-25, 2010	Jul.6-9, 2010	Jul.19-22, 2010	Jul.26-29, 2010		PIM
Course 4	Review Course 1	Sept.21-24, 2010	Nov.30-Dec.4, 2010	Jan.3-7, 2011	Jan.17-21, 2011	(March 21-26, 2011)	PIM
Course 5	Field Visit	Oct.25-27, 2010	Nov.22-24, 2010	(June 2011)	(June 2011)	(June 2011)	*

The participants of each group in each course are different.

PIM : Pakistan Institute of Management Lahore Branch, Ministry of Industries and Production

* : 3 pilot areas and other sites where Farmers Field School and Water Users Association have been practiced are selected.

Group 1 : Sahiwal, FFS and FO

Group 2 : Jalwala-Bahwalnagar, FO and WUA

Group 3 : FFS is not planned in March 2011; therefore, these 3 groups of
Group 4 : Field Visit will be scheduled in June-July 2011. Date and site
Group 5 : will be determined by the TOT Task Team meeting.

2. Next Course Plan : (from April 2011 to Dec. 2011)

(1) TOT on Technical Modules

Training Period : 2 days (9:00 - 15:00)

Venue: WMTI, PIM, or other Govt' facilities

Participants : (max) 20 per group

		Group 1	Group 2	Group 3	Group 4
Course 1:	Agricultural Extension				
Course 2:	Water/Irrigation Management				
Course 3:	Institutional Reform				

* The Training plan (curriculum, schedule, resource persons, etc.) are discussed and determined by the TOT Task Team.

(2) OJT at the pilot sites

1) Pabbarwala FO, Faisalabad

2) Jalwala FO, Bahawalnagar

3) Yaru FO, Derajat, DG Khan

Summary and Achievement of Trainers of Training

As of Jan. 2011

4. Achievement so far

(1) Table 1: Number of Participants in each Group

	Title	Implementation Schedule					Total
		Group 1	Group 2	Group 3	Group 4	Group 5	
Course 1	Communication and Trainer Attitude	15	13	17	15		60
Course 2	TNA, Material, Guidance and Planning	16	19	16	19		70
Course 3	Case Study, Role Play and Evaluation	18	21	18	18		75
Course 4	Review Course 1	16	16	15	12	(16)	59
Course 5	Field Visit	12	10	(12)	(12)	(12)	22

* The participants of each group in each course are different.
In Course 4 and 5, '(##)' is a planned number of participants.

(2) Table 2 : Number of Participants in each agency and area

	Lahore	LCC(W)	Bahawalnagar	DG Khan	Others	Total
IPD	2	-	-	-	-	2
PIDA	15	21	11	6	2	55
PAD	9	7	6	4	2	28
Total	26	28	17	10	4	85

(3) Table 3 : Number of Participants in each number of course attended

	Lahore	LCC(W)	Bahawalnagar	DG Khan	Others	Total
IPD	0, 2, 0, 0, 0	-	-	-	-	0, 2, 0, 0, 0
PIDA	0, 9, 4, 1, 1	6, 7, 5, 3, 0	3, 5, 1, 1, 1	1, 3, 2, 0, 0	0, 0, 0, 2, 0	10, 24, 12, 7, 2
PAD	1, 0, 1, 5, 2	1, 1, 1, 1, 3	3, 2, 0, 0, 1	0, 2, 0, 1, 1	0, 2, 0, 0, 0	5, 7, 2, 7, 7
Total	1, 11, 5, 6, 3	7, 8, 6, 4, 3	6, 7, 1, 1, 2	1, 5, 2, 1, 1	0, 2, 0, 2, 0	15, 33, 14, 14, 9

* Format: 5 times attended, 4 times, 3 times, 2 times, 1 time

Provision/Procurement/Maintenance of the Equipment from Japan

Project : Strengthening Irrigated Agriculture
through Participatory Irrigation
Management in the Punjab Province
(SIAP)

Period : 23 March.2009 - 31 March 2013

Note:

R/P:Route of Procurement

(J: From Japan,L: Local,)

Frequency of Use

(A: Always - B: Often - C: Sometimes)

Condition

(A: Good - B: Fair - C: Bad)

No.	Date of Purchase	Description				Amount	Unit Price (¥)	Unit Price (Rs.)	Frequency of Use	Condition
		Item	Manufacture	Model No	R/P					
1	30.Mar.2009	Laptop PC: Dell Studio 1537, XP-SP2, Office 2003	Dell	Studio 1537	L	1			C	A
2		LCD Projector: Panasonic, PT-L520E, 2000lm	Panasonic	PT-L520E	L	1			C	A
3	15.Dec.2009	Photocopy Machine: Canon iR2022N Duplex unit, DADF-P2, w/LAN-Printer-Scanner	Canon	iR2022N	L	1	313,567	302,000.00	A	A
4	10.Feb.2010	Portable Soil pF/EC Meter	Fujiwara Scientific co., Ltd	PFC-42	J	1	226,960	226,960.00	C	A
5	19.Feb.2010	Video Camera Set: Sony Handcam HD-XR200, Memory Card ext., Battery & Charger, Tripod, Carrying Bag	Sony	HD-XR200	L	1	75,618	70,075.00	C	A
6	13.Mar.2010	UPS & Liquid Battery Set:	APC-1500VA, and Liquid Battery	APC-1500VA	L	2	31,152	29,500.00	A	A
7	22.Mar.2010	Laptop PC: HP ProNote 4510S, XP SP3, MS Office 2007	HP	ProNote 4510S	L	1	68,534	64,900.00	B	A
8	12.Jun.2009	Desktop PC: Dell Optiplex 170L, 40GB, 15Diapaly	Dell	Optiplex 170L	L	1			A	A

