

Group Questionnaire (Final Version):

- Date _____
- Enumerator name _____ VO Name _____
- Start time of interview _____

Section I. Village Socio-economic Profile

- 1) Name of Village (Village refers to the group of AKRSP project beneficiaries and therefore it may be an actual village, sub-village or a mohallah. The enumerator will ascertain the exact nature of the “village” in each case) _____
- 2) Official government name of Village which interviewees belong to _____
- 3) Total # of Households in Village _____

- 4) Provide details on all Infrastructural projects in which Village Households are beneficiaries/involved
(Ensure that any AKRSP and Government project, mosque, school is listed)

For B choices are 1= Village, 2= AKRSP, 3= Govt, 4= Non-AKRSP NGO

For G choices are 1= Operational, 2= Partially Operational, 3= Non-operational

For H choices are 1 = Bad, 2 = slightly bad, 3= safe

No.	A. Project type (channel, protective wall etc.)	B. Project made by:	C. Completion year	D. Completion time (months)	E. Non-labor cost (Rs)	F1. Labor cost: Men	F2. Days	G. Current State	H. Current Physical State
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									

- 5) Distance of Village from (give times for Summer season):
 - a) Nearest (large) marketplace
 - i) _____ km
 - ii) _____ minutes of travel time by motorized transport (on road)
 - iii) _____ any *Additional* minutes of travel time by foot (on footpath)
 - iv) _____ Rs cost/person of two-way transport travel
- 6) How many months in a year is the Village cut-off from the nearest marketplace _____ months
- 7) No of commercial enterprises (general stores, workshops etc.) in Village:
 - a) Retail Stores (general stores etc.) _____
 - b) Productive & Service enterprises (wholesalers, wood, steel, auto shop, barber, tailor etc.) _____

8) Give the total number of months in the year during which the villagers suffer serious cash shortages _____ months

9) Cropping Zone? Single(S) / Double(D)

10) What type of school does the village have? _____
(0 = none, 1= primary, 2 = middle, 3 = high, 4= college, 5= religious madrassa)

11) Does the Village have electricity? Yes/No

12) Does the Village have a health center/facilities? Yes/No

13) Does the Village have potable water? Yes/No

14) Can people from outside buy/sell land in the Village? Yes/No

15) If yes above, has anyone done so recently? Yes/No

16) Total land Holding for all Households in village _____ Kanal

17) Average Price of total land _____ Rs/Kanal

18) Distribution of total landholdings in Village:

a) Choose the Household with the Maximum land-holding and give that amount _____ kanals

b) Choose the Household with the Minimum land-holding and give that amount _____ kanals

c) _____ number of Village Households that have land holdings near the Max

d) _____ number of Village Households that have land holdings near the middle

e) _____ number of Village Households that have land holdings near the Min

19) Total cultivable land for all Households _____ kanals

20) Provide info below on land profitability:

	A. Crop/fruits/non-fruit trees name	B. For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1		
2		
3		
4		
5		
6		

21) Distribution of cultivable landholdings in Village:

a) Choose the Household with the Maximum cultivable land-holding and give that amount _____ kanals

b) Choose the Household with the Minimum cultivable land-holding and give that amount _____ kanals

c) _____ number of Village Households that have cultivable land holdings near the Max

d) _____ number of Village Households that have cultivable land holdings near the middle

e) _____ number of Village Households that have cultivable land holdings near the Min

22) Average Off-farm Income/Household _____ Rs

23) How many Households have farming as their *primary* occupation: _____

24) How many Households have farming as their *only* occupation/income source: _____

25) Provide details on current off-farm Occupation types:

	A. Primary Occupation	B. # of individuals
1	Army	
2	Government service	
3	Shopkeeper	

4	Teacher	
5	Skilled worker (carpenter, tailor etc.)	
6	Private organizations	
7		
8		

- 26) Distribution of off-farm Income in Village (only include those Households that earn something):
- Choose the Household with the Maximum off-farm Income and give that amount _____ Rs/month
 - Choose the Household with the Minimum off-farm Income and give that amount _____ Rs/month
 - _____ # of Households that earn near Max Income
 - _____ # of Households that earn near the middle Income
 - _____ # of Households that earn near the Min Income
- 27) Average Real estate (houses and shops owned) per Household _____ Number
- 28) Average price of a house/shop _____ Rs
- 29) Distribution of Real estate in village:
- Choose the Household with the Maximum Real estate owned and give that number _____
 - Choose the Household with the Minimum Real estate owned and give that number _____
 - _____ # of Households near Max number
 - _____ # of Households near the middle
 - _____ # of Households near Min number
- 30) How many Households have own machinery (Tractors, cars, threshers, oil presses etc.) _____
- 31) Educational background: number of village individuals who are:
- Primary _____
 - Middle _____
 - Matric/Higher Secondary _____
 - Graduate _____
 - Post-Graduate _____
 - Religious education _____
- 32) Provide details on educational background/training of adults:
- # of Households where all adults are less than primary pass _____
 - # of Households where at least one adult is primary or more _____
 - # of Households where all adults are untrained _____
 - # of Households where at least one adult is trained _____
 - Give the total number of Households in the village where at least one adult member is *both* trained and at least primary pass _____
- 33) Provide details on migration
- Total # of people who have permanently (not seasonally) migrated from village _____
 - Total # of Households that have permanently (not seasonally) migrated from village _____
 - # of Households where no one has ever migrated (temp or permanent) _____
 - # of Households with at least one temporary migrant (seasonal) member _____
 - # of Households with at least one permanent migrant member _____
- 34) Provide details on in-migration
- Total number of people who have migrated into village _____
 - Total number of Households that have migrated into village _____

- 35) How hard is it for you to get unskilled labor work in the:
- Peak (for labor demand) season
 - Almost Impossible
 - Very Hard
 - Slightly Hard
 - Easy
 - Slack (for labor demand) season
 - Almost Impossible
 - Very Hard
 - Slightly Hard
 - Easy
- 36) What is the average pay for such work?
- Peak season _____ Rs/day
 - Slack season _____ Rs/day
- 37) How much free time (i.e. time which you would be willing to work for very little direct pay but maybe indirect benefits) do you have per day in:
- Peak season _____ hrs
 - Slack season _____ hrs
- 38) List all those Households in your village who have traditionally played leadership roles i.e. they or their elders have been playing a leadership role in the village for the last few generations (for e.g. “tranmpa, hereditary religious leader, activist etc.):
- Family 1: Name of Household head _____
 - Family 2: Name of Household head _____
 - Family 3: Name of Household head _____
 - Family 4: Name of Household head _____
 - Provide the following Information about these Households:

Question:	Family 1	Family 2	Family 3	Family 4
1. How is the family regarded?	<u>Just/ Unjust</u>	<u>Just/ Unjust</u>	<u>Just/ Unjust</u>	<u>Just/ Unjust</u>
2. Age of the family head (years)				
3. How much interaction does the family have with the villagers:	i) A lot ii) Some iii) Very Little	i) A lot ii) Some iii) Very Little	i) A lot ii) Some iii) Very Little	i) A lot ii) Some iii) Very Little
4. Does the Family head remain in the village for most of the year	Yes No	Yes No	Yes No	Yes No
5. Compared to the rest of the villagers, what is the family's wealth level	i)Above average ii) Average iii) Below average	i)Above average ii) Average iii) Below average	i)Above average ii) Average iii) Below average	i)Above average ii) Average iii) Below average
6. Compared to the rest of the villagers, what is the family's education level	i)Above average ii) Average iii) Below average	i)Above average ii) Average iii) Below average	i)Above average ii) Average iii) Below average	i)Above average ii) Average iii) Below average

39) Voluntary/traditional (administrative, religious, social, occupational) societies in Village:

	A. Setup by: 1= Village, 2 = AKRSP 3=Government, 4 =Other NGOs	B. No of member Members Households	C. Year of formation	D. Primary Role/Nature	E. The society's Influence has: Strengthened(S) Weakened (W) over time
1					
2					
3					
4					
5					
6					

- 40) How many dispute cases in the village have gone outside the village (police, court, shariat court) in the past two years _____
- 41) Give the number of conflicts with neighbor Villages in the past years: _____
- 42) Do you trust as many or more people ten years ago than as you do now? Yes/No
- 43) At present, how many serious conflicts are there in the village (both inside and outside) regarding:
- a) Land disputes _____
 - b) Violent cases _____
 - c) Religious _____
 - d) Other (describe) _____
- 44) How hard is it to get villagers to contribute for community works their:
- a) voluntary Labor
 - i) Almost Impossible
 - ii) Very Hard
 - iii) Slightly hard
 - iv) Easy
 - b) Money/Cash
 - i) Almost Impossible
 - ii) Very Hard
 - iii) Slightly Hard
 - iv) Easy
- 45) Nowadays days do the villagers cooperate/provide (free) labor/money for the following tasks:
- a) Animal grazing management (controlling free-grazing etc.) Yes/No
 - b) Community Wood-lot management (prevent illegal felling etc.) Yes/No
 - c) House building Yes/No
 - d) Insurance against/help for unexpected expenditures in:
 - i) Birth Yes/No
 - ii) Death Yes/No
 - iii) Wedding Yes/No
 - iv) Natural disasters (flood etc.) Yes/No
 - v) Sickness (expenditure to send to hospital etc.) Yes/No
 - vi) Business help (loans, bailing out etc.) Yes/No
 - e) Collective agricultural tasks on a villager's fields (land development, harvesting etc.) Yes/No
 - f) Collective festivals, village events etc. Yes/No
 - g) Community project work (construction, maintenance etc.) Yes/No
- 46) How much conflict is there currently in the village:
- a) Extremely united
 - b) Average unity
 - c) Some conflict
 - d) High conflict

Section II: Project Specific Questions

Generic Questions (common to all projects)

- 47) Project Type:
- a) Irrigation channel
 - b) Pipe Irrigation
 - c) Siphon Irrigation
 - d) Lift Irrigation
 - e) Protective Bund
 - f) Boundary Wall
 - g) Link Road
 - h) Micro Hydel
- 48) Did the external agency make the project:
- a) Completely anew
 - b) Built upon/extended an existing project

Attention: all questions henceforth will consider the “making” of the project to be the time when the external agency first got involved with the project.

- 49) Which external agency did this building/extension work? _____
- 50) Year Project was started _____
- 51) Year Project was completed _____
- 52) Project completion duration:
- a) Expected time according to initial plans _____ months
 - b) Actual time _____ months
- 53) Total money village received from outside source (government, NGO) for making the project: _____ Rs
- 54) How many installments was the above money given in? _____
- 55) Amount of any money saved from Project construction fund _____ Rs
- 56) Amount of any money initially set aside for project maintenance fund _____ Rs
- 57) Were any tools/implements bought to make the project (from the initial amount)? Yes/No
- 58) If yes, how many months were they used *after* project completion for maintenance work _____ months
- 59) Total # of Village Households that have benefited from the Project construction (i.e. received wages etc.) _____
- 60) Total # of Village Households that have benefited from the Project usage (i.e. received benefits from using the project) _____
- 61) Total Village cost contribution in making project
- a) Non-labor Money _____ Rs
 - b) Cost of any land given up without compensation _____ Rs
 - c) Village labor
 - i) _____ Men
 - ii) _____ Days
 - d) Outside Village labor
 - i) _____ Men
 - ii) _____ Days
 - e) Daily wages for Village labor _____ Rs/day
 - f) Daily wages for Outside workers _____ Rs/day
 - g) Total expenditure on skilled workers _____ Rs
- 62) *Distribution of cost:
- a)
 - i) Number of Households that paid for material costs _____
 - ii) Amount paid per Household _____ Rs
 - b) Number of Households that contributed free or partially paid labor _____

c) Number of Households that gave up land without full compensation _____

63) Please describe any initial flaws/mistakes in the project design, construction etc.

64) As compared to the actual expenditure, was the money given by the external agency for the project:

- a) Very low (less than half the actual cost)
- b) Slightly low
- c) Sufficient
- d) Slightly high
- e) Very high (more than double the actual cost)

65) Was the project:

- a) badly made (used bad design, poor materials, insufficient labor etc.)
- b) well made

66) Is the **main** problem in project maintenance/care due to initial problems in project design/cost estimate etc? Yes/No

67) Do you think that the project was:

- a) Socially feasible (i.e. there were no serious social problems/conflicts in it)? Yes/No
- b) Technically feasible (i.e. engineering design wise)? Yes/No
- c) Economically feasible (cost of making, running, obtaining benefits was reasonable)? Yes/No

General: Try to get at VO perceived benefits – both tangible and intangible

68) List and give details for each Project (actually accrued) benefit in order of importance:

Benefit Number (1 = most important)	A. Description of benefit	B. Minimum yearly amount (Rs) you want in exchange for benefit (for a year only)	C. Maximum yearly amount (Rs) you would give to get benefit (for a year)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

69) Has the price of any land in the village increased due to the project?

70) If Yes, then:

- a) Land price before the project _____ Rs/kanal
- b) Land price after the project _____ Rs/kanal
- c) Total land area _____ kanals
- d) Choose the Household with the Maximum such land-holding and give that amount _____ kanals

- e) Choose the Household with the Minimum such land-holding and give that amount _____ kanals
- f) _____ number of Village Households that have land holdings near the Max
- g) _____ number of Village Households that have land holdings near the middle
- h) _____ number of Village Households that have land holdings near the Min

71) Perceptions:

- a) Were the benefits of the Project equitably distributed amongst the villagers? Yes/No
- b) Were the construction costs of the Project equitably distributed amongst the villagers? Yes/No
- c) Are the maintenance costs of the Project equitably distributed amongst the villagers? Yes/No
- d) Were there any other projects before this one that were satisfying a similar need (for e.g. another scheme supplying water to the same area)? Yes/No
- e) Over time, is the need of this project going to :
 - i) Decrease
 - ii) Stay the same
 - iii) Increase
 Explain why _____

72) During the days the project is in use, if it becomes inoperational, how long does it take before repair work on it starts? _____ number of days

73) Method of benefit (land etc.) distribution:

- a) Random draw
- b) Leader (e.g. VO manager/president, village head) decides
- c) Elders decide
- d) VO/other organization decides
- e) Benefits cannot be divided (e.g. like for a road project)
- f) Other _____

74) Has a villager ever been excluded from the project's benefits? Yes/No

75) If one villager gets a project's benefit, does it lessen the benefit of other villagers? Yes/No

76) Give any amount that beneficiaries are charged for benefiting from the Project _____ Rs

77) Have the villagers had any experience with such a project before?

- a) No experience
- b) Some experience
- c) A lot of experience

78) How hard is it to obtain parts for the Project:

- a) Very hard (takes over a month and need to collect cash etc.)
- b) Hard
- c) Easy

79) What is the main work required to maintain the project (without which it is not possible to repair the Project):

- a) Unskilled labor
- b) Highly Skilled labor (technician etc.)
- c) Spare parts

Project maintenance:

Attention: The project should be examined in person

80) What is the current state of the Project?

- a) Fully Operational
- b) More or less operational
- c) Partially operational
- d) Non-operational

81) How long has it been in this state? _____ months

- 82) How well is the project performing now, in terms of generating the expected benefits, as compared to when it first started operating.
- Much worse than when it first started operating (less than half the benefits)
 - Slightly worse than when it first started operating
 - Just the same as when it first started operating
 - Slightly better than when it first started operating
 - Much better than when it first started operating (more than double the benefits)
- 83) What is the reason for the above _____

- 84) What is the physical condition of the Project?
- Severely damaged (almost all damaged)
 - Moderately damaged (around half damaged)
 - Slightly damaged (less than half damaged)
 - Very little damage
 - Undamaged
- 85) Approximately what percentage of the project is damaged _____ %
- 86) How long has it been in this state? _____ months
- 87) Is there a maintenance committee setup for the Project?
- Yes, Formal (i.e. setup by some external organization – e.g. AKRSP VO)
 - Yes, Traditional
 - No
- 88) If Yes above, how often does the committee/group meet? _____ times/year
- 89) If Yes above, how many months has it been since the committee last met? _____
- 90) If Yes above, how much money does the committee/group collect? _____Rs/year-member
- 91) If Yes above, how many times has the committee's head been changed in the last 5 years? _____
- 92) Please answer the following questions about the individual responsible (either directly or as the head of a committee) for managing the project (construction & maintenance):
- Education level _____ (give years of schooling)
 - Age _____
 - Past profession _____
 - Current Profession _____
 - Total land Holdings _____ kanals
 - Cultivable Land Holdings _____ kanals
 - Does he belong to the:
 - Majority Clan in the village Yes/No
 - Majority Religious group in the village Yes/No
 - Majority Political Group in the Village Yes/No
 - Village traditional authority group (trampa, sarma etc.) Yes/No
 - How much interaction does he have with the villagers:
 - A lot
 - Some
 - Very little
 - Is he present in the village throughout the year? Yes/No
 - Is he trained/skilled? Yes/No
 - Give any amount he is paid _____ Rs/month
 - Has he had any prior experience with any social development program (government or NGO) before? Yes/No
- 93) Which one of the following is **needed more** in maintaining the project:
- Cash/money (to buy materials, hire outside technicians etc.)
 - Non-monetary (village labor, local materials) work

94) Which, cash or labor, do you prefer to give in order to maintain a project and explain why (i.e. instead of a day's labor, the equivalent cash amount).

- a) Cash
- b) Labor

95) How often and at what cost is *regular* maintenance of the Project carried out

- a) number of times/year _____
- b) Village labor
 - i) Men _____
 - ii) Days _____
- c) Non-Village labor
 - i) Men _____
 - ii) Days _____
- d) Daily Wages for Village workers _____ Rs/day
- e) Daily Wages for Non-Village workers _____ Rs/day
- f) Total non-labor cost per year _____ Rs
- g) Total number of Village Households involved _____
- h) Total number of non-Village Households involved _____

96) Which one is the **primary/main** punishment for a Household that does not contribute in maintenance (only chose the most important means):

- a) Monetary fine _____ Rs
- b) Make him do labor work at some other time
- c) Social censure
- d) Other _____

97) Briefly describe the maintenance system that is used for this project (i.e. division of work, when where and how much):

98) Compared to ten years ago, is the above maintenance system:

- a) Stronger
- b) Just as strong
- c) Weaker

99) To what extent are the traditional village institutional structures (i.e. the trampa, sarkardas etc.) involved in the project maintenance.

- a) Not involved at all
- b) Moderate involvement
- c) Involved a lot

100) Were there any conflicts regarding the project between the Project beneficiaries and outsiders (non-beneficiaries, other villages etc.) before or during Project construction? Yes/No

101) Are/Were there any conflicts between the villagers regarding the Project's:

- a) Benefit distribution yes/No
- b) Maintenance cost distribution yes/No
- c) Usage yes/No

102) Please provide the details below for all **repaired** serious damages to the Project in order of severity:

Damage number (1= worst)	A. Damage description & cause	B. Year	C. Repair time (weeks)	D. Materials Repair Cost (Rs)	E1. Labor Repair Cost Men	E2. Repair Cost Days
1						
2						
3						
4						
5						
6						

103) Please provide the details below for all **unrepaired** serious damages to the Project in order of severity:

Damage number (1= worst)	A. Damage description & cause	B. Year	C. Estimated Repair time (weeks)	D. Estimate of Material Cost (Rs)	E1. Estimate of labor cost Men	E2. Repair Cost Days
1						
2						
3						
4						
5						

104) For regular maintenance costs needed for the project, what percentage (of total cost) help have you received from outside agencies (government, NGOs etc.) in:

- a) Unskilled labor and local materials _____%
- b) Skilled labor/Technical advice _____%
- c) Non-local materials _____%

105) For costs needed to repair serious damages (floods, sliding etc.) to the project, what percentage (of total cost) help have you received from outside agencies (government, NGOs etc.) in:

- a) Unskilled labor and local materials _____%
- b) Skilled labor/Technical advice _____%
- c) Non-local materials _____%

106) Provide the following for any modifications/adaptations/extensions (e.g. changing a channel's width, adding a new channel branch etc.) that have been made by the villagers to the Project since it was made/extended by the external agency:

- a) Total number _____
- b) detail _____

107) Give the total amount spent by the Village on the above modifications/extensions

- a) Non-labor contribution (cash, land) _____ Rs
- b) Labor
 - i) _____ Men
 - ii) _____ days
 - iii) wages _____ Rs/day

108) Give any total amount received by the Village to make the above modifications/extensions:

- a) Source of money (1=government, 2=AKRSP, 3=Non-AKRSP NGO, 4=other - describe) _____
- b) Amount _____ Rs

Participation in Project Rights/Decision making/duties

109) Please describe in detail how the project was actually chosen (who decided, how many people agreed and participated in decision, who took final decision, why not some other project etc.). Pay attention to how many people were actually consulted:

110) List the top three collective/community needs (health, education, projects, electricity etc.)of the Village at the time the project was chosen:

- a) Most important _____
- b) Second most _____
- c) _____

111) List the top three needs of the Village now:

- a) Most important _____
- b) Second most _____
- c) _____

112) List top three project choices at the time the project was chosen and number of Households favoring each:

	A Project type	B. # of Households
1 = best		
2		
3		

113) How did the Village choose the particular Project?

- a) Project type suggested by external agency (AKRSP, govt)
- b) Nearby Village chose similar Project
- c) Village head/activists decided
- d) Majority of Village members selected Project from a list of projects they knew that the external agency (AKRSP, govt) made.
- e) Majority of Village members selected Project from a list suggested by external agency (AKRSP, govt)
- f) Majority of Villagers members agreed on one need, then Project selected to match need
- g) Other (detail) _____

114) If given a chance would the Village select the same Project type as they did before? Yes/No

115) Was there a better alternate Project that wasn't chosen because it was too conflictual/not socially feasible? Yes/No

116) Was there a better alternate Project that wasn't chosen because it was too expensive? Yes/No

117) Was there a better alternate Project that wasn't chosen because it was too not technically feasible? Yes/No

118) If they so desire, can the villagers sell the entire project to some other party (village etc.)? Yes/No

119) Does the village own all of the assets of the project? Yes/No

120) If they so desire, can the villagers sell all/any of the assets of the project? Yes/No

121) Was there any suggestion to the design of the project made by the villagers that was rejected by the external agency? Yes/No

- 122) How much investment in time/effort/knowledge by the villagers does this project need in order to get the maximum possible benefits:
- a) A lot
 - b) a bit
 - c) Very little

- 123) Was local knowledge included in project design?
- a) Not at all
 - b) A bit
 - c) A lot

- 124) Describe what you believe are the main *rights* that villagers have concerning all aspects of the project (from it's inception to eventual end):

- 125) Describe what you believe are the main *responsibilities/duties* that villagers have concerning all aspects of the project (from it's inception to eventual end):

- 126) Select the main player in each of the following decisions/actions. The choices of main players are: 0 = choice never made, 1= External agency (AKRSP, Govt), 2= Village activists, 3= all villagers, 4= only one villager (the head etc.), 5= Other (please describe), 6= decided under traditional rules/system.

- a) Project type selection _____
- b) Project site selection _____
- c) Project scale (length, capacity etc.) _____
- d) Project design (route of Kool/road etc.) _____
- e) Time-frame of Project construction (start time, total duration etc.) _____
- f) Village labor cost contribution in project construction _____
- g) Village Non-labor (Materials etc.) cost contribution in project construction _____
- h) Village labor wage rate (i.e. what amount villagers were paid for their work) _____
- i) Village Non-labor contribution compensation (e.g. how much money to give for any land given up etc.) _____
- j) Project usage rules (who gets to use the project when) _____
- k) Nature of sanctions for Project misuse (i.e. are people fined etc.) _____
- l) Raising external funds for the Project construction and maintenance _____
- m) Raising internal funds for the Project construction and maintenance _____
- n) Distribution of Project benefits (division of new land etc.) _____
- o) Maintenance system, policy & rules of Project _____
- p) Cost contribution, level and distribution, in maintenance of Project _____
- q) Labor contribution, level and distribution, in maintenance of Project _____
- r) Nature of sanctions for failure to contribute in Project maintenance (i.e. are people fined etc.) _____

- 127) Explain why you think your Project is in a good/poor state of maintenance. What are the reasons for it's relative success and failure?

Project Type Specific Questions:

Benefits

Channel, Lift, Pipe & Siphon Irrigation (Benefits)

128) Total cultivable land in village *before the project* _____ kanals

129) List major crops and quantities grown in year *before the project*:

	A. Crop/fruits/non-fruit trees etc. name	B. For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1		
2		
3		
4		
5		
6		

130) Distribution of initial cultivable landholdings *before the project*:

- a) Maximum cultivable land holding of a Household _____ kanals
- b) Minimum cultivable land holding of a Household _____ kanals
- c) _____ Households near Max land holding size
- d) _____ Households near the middle
- e) _____ Households near Min land holding size

Post-PPI info (new land = developed and undeveloped land)

131) If this project stops/has stopped operating, how hard is it to supply sufficient water to the new/existing land?

- a) Almost Impossible
- b) Very hard
- c) Slightly hard
- d) Easy

132) If this project were/is only partially (50%) operational, how hard is it to supply sufficient water to the new/existing land?

- a) Almost Impossible
- b) Very hard
- c) Slightly hard
- d) Easy

133) What was the main purpose of the irrigation scheme:

- a) To irrigate new land
- b) To provide more (quantity and/or duration) water for existing land

If the answer to above is (a) answer all questions below except the next one, if the answer is (b) only answer the question immediately below:

- 134) If answered (b) above, give
 i) Total land over which this change occurred _____ Kanals
 ii) crop changes (different crops or yields etc.) on the existing lands:

A. Before Crop/fruits/non-fruit trees name	Project: Before Project: For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.	C. After Crop/fruits/non-fruit trees name	Project: After Project: For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1			
2			
3			
4			
5			
6			

If answered (a) above answer all the questions below:

- 135) Total new developed land in village _____ kanals
 136) Number of Households that got a share in above land _____
 137) Average cost of developing new land:
 a) Non-labor cost _____ Rs/kanal
 b) labor per kanal:
 i) Men _____
 ii) Days _____
 iii) Wages _____ Rs/day
- 138) Who owned the new land area before the project?
 a) State (khalisa-sarkar)
 b) Village collectively
 c) A few individuals in the village
 d) Privately by all the villagers
 e) Other _____
- 139) Who owns the new land area after the project?
 a) State (khalisa-sarkar)
 b) Village collectively
 c) A few individuals in the village
 d) Privately by all the villagers
 e) Other _____
- 140) Who was the new land being used by before the project?
 a) By village only
 b) By several villages
 c) Other _____
- 141) Who is the new land being used by after the project?
 a) By village only
 b) By several villages
 c) Other _____
- 142) How is new land developed?
 a) Collectively and before land division
 b) Collectively and after land division
 c) Privately and after land division
 d) Other _____

143) List major crops/trees etc. and quantities grown on new land:

	A. Crop/fruits/non-fruit trees name	B. For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1		
2		
3		
4		
5		
6		

144) Distribution of new developed landholdings:

- a) Choose the Household with the Maximum new developed land-holding and give that amount _____ kanals
- b) Choose the Household with the Minimum new developed land-holding and give that amount _____ kanals
- c) _____ Households near Max land holding
- d) _____ Households near the middle
- e) _____ Households near Min land holding

145) Total undeveloped new land in village _____ kanals

146) Distribution of undeveloped new landholdings:

- a) Choose the Household with the Maximum new undeveloped land-holding and give that amount _____ kanals
- b) Choose the Household with the Minimum new undeveloped land-holding and give that amount _____ kanals
- c) _____ Households near Max undeveloped land
- d) _____ Households near the middle
- e) _____ Households near Min undeveloped land

Protective Works (Benefits)

147) Total protected cultivable land for all Village Households _____ kanals

148) How many Household's land was protected due to the project _____

149) List major crops and quantities grown in year on protected land BEFORE project:

	A. Crop/fruits/non-fruit trees name	B. For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1		
2		
3		
4		
5		
6		

150) List major crops and quantities grown in year on protected land AFTER project:

	A. Crop/fruits/non-fruit trees name	B. For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1		
2		
3		
4		
5		
6		

151) Distribution of protected and newly reclaimed landholdings:

- Choose the Household with the Maximum protected & reclaimed land-holding and give that amount _____ kanals
- Choose the Household with the Minimum protected & reclaimed land-holding and give that amount _____ kanals
- _____ Households near Max holding size
- _____ Households near the middle
- _____ Households near Min holding size

152) Average cost of developing protected/reclaimed land:

- Non-labor cost _____ Rs/kanal
- Labor per kanal:
 - Men _____
 - Days _____
 - Wages _____ Rs/day

153) Who owned the new land area before the project?

- State (khalisa-sarkar)
- Village collectively
- A few individuals in the village
- Privately by all the villagers
- Other _____

154) Who owns the new land area after the project?

- State (khalisa-sarkar)
- Village collectively
- A few individuals in the village
- Privately by all the villagers
- Other _____

155) Who was the protected/reclaimed land being used by before the project?

- By village only
- By several villages
- Other _____

156) Who is the protected/reclaimed land being used by after the project?

- By village only
- By several villages
- Other _____

157) How is protected/reclaimed land developed?

- Collectively and before land division
- Collectively and after land division
- Privately and after land division
- Other _____

158) Details on past flood damages:

	A. Flood year	B. Value of property (houses, land) Destroyed (Rs)	C. Number of livestock lost	E. Loss of human lives (number)
1				
2				
3				
4				
5				
6				

159) If the protective bund/wall is/were not there, how likely is it that the village will suffer substantial flood damage:

- a) Almost certain
- b) Very Likely
- c) Possible
- d) Unlikely

160) If the protective bund/wall is/were partially (50%) damaged, how likely is it that the village will suffer substantial flood damage:

- a) Almost certain
- b) Very Likely
- c) Possible
- d) Unlikely

Boundary Walls (Benefits)

161) Total protected land _____ kanals

162) Number of Village Households that have land in the protected area _____

163) List any major crops and quantities grown in year on protected land BEFORE the wall:

	A. Crop/fruits/non-fruit trees etc. name	B. For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1		
2		
3		
4		
5		
6		

164) List major crops/trees and quantities grown in year on protected land AFTER the wall:

	A. Crop/fruits/non-fruit trees etc. name	B. For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1		
2		
3		
4		
5		
6		

- 165) Distribution of protected landholdings:
- Choose the Household with the Maximum protected land-holding and give that amount _____ kanals
 - Choose the Household with the Minimum protected land-holding and give that amount _____ kanals
 - _____ Households near Max holding size
 - _____ Households near the middle
 - _____ Households near Min holding size
- 166) Average cost of developing protected land:
- Non-labor cost _____ Rs/kanal
 - Labor per kanal:
 - Men _____
 - Days _____
 - Wages _____ Rs/day
- 167) Who owned the new land area before the project?
- State (khalisa-sarkar)
 - Village collectively
 - A few individuals in the village
 - Privately by all the villagers
 - Other _____
- 168) Who owns the new land area after the project?
- State (khalisa-sarkar)
 - Village collectively
 - A few individuals in the village
 - Privately by all the villagers
 - Other _____
- 169) Who was the protected land being used by before the project?
- By village only
 - By several villages
 - Other _____
- 170) Who is the protected land being used by after the project?
- By village only
 - By several villages
 - Other _____
- 171) How is protected land developed?
- Collectively and before land division
 - Collectively and after land division
 - Privately and after land division
 - Other _____
- 172) If the wall were not operational how likely is it that the crops/trees etc. will face substantial damage (animal grazing etc.)?
- Almost certain
 - Very Likely
 - Possible
 - Unlikely
- 173) If the wall is/were partially (50%) damaged, how likely is it that the crops/trees etc. will face substantial damage (animal grazing etc.)?
- Almost certain
 - Very Likely
 - Possible
 - Unlikely

Link Roads (Benefits)

- 174) Total land Holding for Village Households that was included in the road _____ Kanal
- 175) Distribution of included landholdings:
- Choose the Household with the Maximum land-holding and give that amount _____ kanals
 - Choose the Household with the Minimum land-holding and give that amount _____ kanals
 - _____ Households near Max holding size
 - _____ Households near the middle
 - _____ Households near Min holding size
- 176) Average Price of land before Project _____ Rs/Kanal
- 177) Average Price of land after Project _____ Rs/Kanal
- 178) Time taken to reach nearest market place before Project _____ hrs
- 179) Time taken to reach nearest market place (using the road) after Project _____ hrs
- 180) Cost of two-way trip/person to nearest market place before project _____ Rs
- 181) Cost of two-way trip/person to nearest market place after project _____ Rs
- 182) Average number of two-way trips per Household per month _____
- 183) Distribution of Trips:
- Choose the Household with the Maximum Trips and give that amount _____ number
 - Choose the Household with the Minimum Trips and give that amount _____ number
 - _____ Households near Max number of trips
 - _____ Households near the middle
 - _____ Households near Min number of trips
- 184) Daily wage rate (unskilled) _____ Rs/day
- 185) Have there been any changes in cropping patterns due to the Project? Yes/No
- 186) If yes above, provide info on cropping pattern changes:

A. Before Project: Crop/fruits/trees name	B. Before Project: For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.	C. After Project: Crop/fruit/trees name	D. After Project: For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1			
2			
3			
4			
5			
6			

- 187) Number of commercial enterprises before Project:
- Retail Stores (general stores etc.) _____
 - Productive & Service enterprises (wholesalers, wood, steel, auto shop, barber, tailor etc.) _____
- 188) Number of commercial enterprises after Project:
- Retail Stores (general stores etc.) _____
 - Productive & Service enterprises (wholesalers, wood, steel, auto shop, barber, tailor etc.) _____
- 189) Average monthly income of commercial enterprises _____ Rs/month

- 190) If the road were not operational (totally blocked) there, how hard would it be to reach the nearest town/market-place in:
- a) Winter
 - i) Almost Impossible
 - ii) Very Hard
 - iii) Possible
 - iv) Easy
 - b) Summer
 - i) Almost Impossible
 - ii) Very Hard
 - iii) Possible
 - iv) Easy
- 191) If the road is/were partially (50%) operational/damaged, how hard would it be to reach the nearest town/market-place in:
- a) Winter
 - i) Almost Impossible
 - ii) Very Hard
 - iii) Possible
 - iv) Easy
 - b) Summer
 - i) Almost Impossible
 - ii) Very Hard
 - iii) Possible
 - iv) Easy

MicroHydels (Benefits)

- 192) Average monthly cost on Kerosene oil, dry cells and wood per Household (Lighting etc.) *before* MicroHydel _____ Rs/month
- 193) Average monthly cost on Kerosene oil, dry cells and wood per Household (Lighting etc.) *after* MicroHydel _____ Rs/month
- 194) Total Wattage generated _____ Watts
- 195) Number of Households receiving electricity from project _____
- 196) Distribution of Wattage:
- a) Choose the Household with the Maximum Wattage used and give that amount _____ Watts
 - b) Choose the Household with the Minimum Wattage used and give that amount _____ Watts
 - c) _____ Households near Max usage
 - d) _____ Households near the middle
 - e) _____ Households near Min usage
- 197) Are the users charged for electricity? Yes/No
- 198) If yes above, what are the charges (only fill relevant one)
- a) per Wattage _____ Rs
 - b) per bulb/tube light _____ Rs
 - c) Fixed per Household _____ Rs
 - d) Other (describe and give amount) _____
- 199) Number of Households that have setup electricity based enterprises _____
- 200) Average profit per month from such an enterprise _____ Rs
- 201) If the Micro Hydel is/were not operational, how hard would it be to maintain the same life quality:
- a) Almost Impossible
 - b) Very Hard
 - c) Possible
 - d) Easy
- 202) If the Micro Hydel is/were partially (50%) damaged, how hard would it be to maintain the same quality of life:
- a) Almost Impossible
 - b) Very Hard
 - c) Possible
 - d) Easy

Project Specific Maintenance Questions:

(Attention: If a project has both channels and pipes, then ask maintenance questions from both sections below)

Irrigation Channels (Maintenance)

- 203) Are the channel walls fallen in/damaged on any part of the channel? Yes/No
- 204) If Yes above, what is the extent of the damage?
- a) Number of places damaged _____
 - b) Total project length _____ feet
 - c) Total damaged length _____ feet
- 205) Has the channel bed been properly cleaned (cleared of fallen rocks etc.)? Yes/No
- 206) Give the number of places where the channel is leaking _____
- 207) What year was the project made/extended by the external agency? As compared to then is the channel now delivering:
- a) No water
 - b) Less water now (less than half)
 - c) A bit less water now
 - d) The same amount of water now
 - e) More water now
- 208) What year was the project made/extended by the external agency? As compared to then is the channel now delivering water for:
- a) No water
 - b) A lot shorter duration (less than half of the total months it used to before)
 - c) A bit shorter duration
 - d) The same duration
 - e) A longer duration
- 209) What amount of the initial expected command area is actually getting water
- a) Initial expected area _____ kanals
 - b) Area getting water _____ kanals

Pipe Irrigation (Maintenance)

- 210) Is the water tank maintained (i.e. plastered etc.)? Yes/No
- 211) Cracks in the pipes:
- a) Total number of pipes in project _____
 - b) Total number of cracked (mild and severe) pipes _____
- 212) How many times have the pipes been coated with tar etc. since the project was first made?
- 213) Is water drained from the pipes in winter? Yes/No
- 214) If any damaged pipes were replaced, was it so according to the original design (i.e. welding, connecting joints properly etc.)? Yes/No
- 215) If there is a sliding area, is the pipe protected (i.e. buried underground, cover made etc.)? Yes/No
- 216) What year was the project made/extended by the external agency? As compared to then is the channel now delivering:
- a) No water
 - b) Less water now (less than half of what it used to before)
 - c) A bit less water now
 - d) The same amount of water now
 - e) More water now
- 217) What year was the project made/extended by the external agency? As compared to then is the channel now delivering water for:
- a) No water
 - b) A lot shorter duration (less than half of the total months it used to before)
 - c) A bit shorter duration

- d) The same duration
 - e) A longer duration
- 218) What amount of the initial expected command area is actually getting water
- a) Initial expected area _____ kanals
 - b) Area getting water _____ kanals

Lift Irrigation (Maintenance)

- 219) What sort of engine/pump do you have?
- a) Diesel
 - b) Electric
 - c) Other (describe) _____
- 220) What is the horsepower of the pump? _____ hp
- 221) How often is the pump operated currently?
- a) _____ days/year
 - b) _____ Hours per operational day
- 222) If the pump is no longer operational, how many years was it operated? _____ years
- 223) How much motor oil does the pump consume per hour? _____ litres
- 224) How much money do you spend (or did you spend when the pump was used last) on diesel/electricity for operating the pump for an hour? _____ Rs/hour
- 225) How much money did you spend on diesel/electricity for operating the pump for an hour *when the project was first run*? _____ Rs /hour
- 226) As compared to when the project was run for the first time how much diesel/electricity is the lift/pump now (or the last time the pump was run) consuming:
- a) A lot more (more than double)
 - b) A bit more (more but less than double)
 - c) The same
 - d) Less
- 227) What year was the project made/extended by the external agency? As compared to then is the lift/pump now delivering:
- a) No water
 - b) Less water now (less than half)
 - c) A bit less water now
 - d) The same amount of water now
 - e) More water now
- 228) What year was the project made/extended by the external agency? As compared to then is the lift/pump now delivering water for:
- a) No water
 - b) A lot shorter duration (less than half of the total months it used to before)
 - c) A bit shorter duration
 - d) The same duration
 - e) A longer duration
- 229) What amount of the initial expected command area is actually getting water
- a) Initial expected area _____ kanals
 - b) Area getting water _____ kanals

Boundary Walls (Maintenance)

- 230) Have the Walls fallen in/ been damaged in any part of the Boundary wall? Yes/No
- 231) If Yes above, what is the extent of the damage?
- a) Number of places damaged _____
 - b) Total length of wall _____ feet
 - c) Total damaged length _____ feet

- 232) For any fallen walls that were repaired, were they of:
- a) The same or better material as in the original design? Yes/No
 - b) The same or greater height as in the original design? Yes/No
 - c) The same or greater thickness as in the original design? Yes/No
- 233) If the Boundary wall has gates:
- a) Are they operational? Yes/No
 - b) Are they in good physical condition? Yes/No
- 234) If Boundary wall was initially made in order to get a second crop, are you still getting that crop?
Yes/No
- 235) What year was the project made/extended by the external agency? As compared to then how effective is the wall now in protecting crops/trees against free grazing etc.:
- a) Not effective at all
 - b) Very ineffective (less than half)
 - c) Slightly less effective
 - d) Just as effective
 - e) More effective

Link Roads (Maintenance)

- 236) How much time did it take to travel on the road by jeep when it was first made/extended by the external agency? _____ minutes
- 237) How much time does it take to travel on the road by jeep now? _____ minutes
- 238) Has the Road been damaged (sliding, rains) in any part? Yes/No
- 239) If Yes above, what is the extent of the damage?
- a) Number of places damaged _____
 - b) Total length of road _____ feet
 - c) Total damaged length _____ feet
- 240) If the road was ever damaged, was it repaired according to:
- a) The same material as in the original design Yes/No
 - b) The same width as in the original design Yes/No
- 241) How many times has the road been cleared up and smoothed since it was first made? _____
- 242) Extent of rocks/stones lying on the road:
- a) A few rocks
 - b) A lot of rocks (on more than half the road)
- 243) Who is responsible for clearing any road blocks:
- a) All villagers
 - b) Whoever is using the road
 - c) Individual(s) nominated by Village
 - d) Other (describe) _____
- 244) What year was the project made/extended by the external agency? As compared to then has travel time on the road (on a similar car) now:
- a) Increased a lot (more than doubled)
 - b) Increased a bit
 - c) Stayed the same
 - d) Decreased
- 245) The road currently has:
- a) Lots of bumps/jumps (on more than half the road)
 - b) A few bumps/jumps
- 246) Are there proper drainage facilities for the road (i.e. side channels)? Yes/No
- 247) If there is a culvert on the road is it made according to the original RCC design or not? Yes/No
- 248) What condition are the supports of the road in:
- a) Damaged
 - b) Undamaged

Micro Hydels (Maintenance)

- 249) How many months in the year was the MicroHydel used when it was first made? _____
- 250) How many months in the year is the MicroHydel used currently? _____
- 251) How much wattage did the MicroHydel produce when it was first built? _____ Watts
- 252) How much wattage does the MicroHydel currently produce? _____ Watts
- 253) Is the generator turbine working properly? Yes/No
- 254) How many times is the turbine greased during operation? _____ times/month
- 255) How many times in a year is the turbine cleaned during operation? _____ times/year
- 256) Since it was first made:
- a) How many times has a skilled technician been used to repair/clean the Micro Hydel unit? _____
 - b) Total expenditures on technician _____ Rs
- 257) What is the condition of the turbine generator foundation:
- a) Damaged
 - b) Undamaged
- 258) What is the condition of the turbine penstock pipe foundation:
- a) Damaged
 - b) Undamaged
- 259) What is the condition of the turbine power channel:
- a) Damaged
 - b) Undamaged
- 260) If any electricity poles have fallen, were they:
- a) Replaced? Yes/No
 - b) If they were replaced was it according to or better than the original design? Yes/No
- 261) If any electricity wires have broken, were they:
- a) Replaced/Fixed? Yes/No
 - b) If they were replaced/fixd was it according to the original or better design (same material, thickness of wires etc.)? Yes/No
- 262) As compared to when the project first started running is the Unit now generating:
- a) No electricity
 - b) A lot less electricity than before (less than half)
 - c) A bit less electricity than before
 - d) The same electricity as before
 - e) More electricity than before

Flood Protection Wall (Maintenance)

- 263) Have the Protective walls fallen in/ been damaged in any part of the Wall? Yes/No
- 264) If Yes above, what is the extent of the damage?
- a) Number of places damaged _____
 - b) Total length of the wall _____ feet
 - c) Total damaged length _____ feet
- 265) For any fallen protective walls that were repaired, were they of:
- a) The same or better material as in the original design? Yes/No
 - b) The same or greater height as in the original design? Yes/No
 - c) The same or greater thickness as in the original design? Yes/No
- 266) What year was the project made/extended by the external agency? As compared to then how effective is the wall now in protecting against floods:
- a) Not effective at all
 - b) Less effective (less than half the area is protected)
 - c) A bit less effective
 - d) Just as effective
 - e) More effective

Individual Questionnaire (Final Version):

The following set of questions are to be asked some time after the group interview from 5 randomly selected individuals in the village who may or may not have been present at the group interview.

- 1) AKRSP VO name _____ -
- 2) Name (and father's name) of individual _____
- 3) Age _____ years
- 4) Education _____ years of schooling
- 5) Maximum education level in Household _____ years of schooling
- 6) Do you belong to:
 - a) The majority (in village) clan? Yes/No
 - b) The majority (in village) political group? Yes/No
 - c) The majority (in village) religious group? Yes/No
- 7) How much Total land does your Household own _____ kanals
- 8) How much cultivable land does your Household own _____ kanals
- 9) What crops do you grow on your land:

	A. Crop/fruits/non-fruit trees name	B. For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1		
2		
3		
4		
5		
6		

- 10) Primary Occupation _____
- 11) How much non-farm income do you earn? _____ Rs/month
- 12) What is the value of your house? _____ Rs
- 13) Have any of your Household's members migrated out of the village? Yes/No
- 14) Which project would you prefer more:
 - a) One which gives direct economic benefits (kool etc.)
 - b) One which gives more social benefits (school, road etc.)
- 15) As compared to before, do people work as much on collective projects:
 - a) A lot less (less than half of what they used to before)
 - b) Less
 - c) Same
 - d) More
- 16) Is there any political/clan-based or religious dissension in the village? Yes/No
- 17) List what you believe are the most important attributes for a leader (i.e. someone who would be best suited to manage all village collective activities)

- 18) Are there any individuals in the village who have all of the above attributes:
 - a) None
 - b) One or two
 - c) Four to five
 - d) More than ten

- 19) First list the projects asked about in the group interview:
- a) Project 1 (AKRSP) _____
 - b) Project 2 (LBRD, Village or other) _____
- 20) Are any of the individuals mentioned above (ideal leaders) actually managing/responsible for the projects:
- a) Project 1: Yes/No
 - b) Project 2: Yes/No
- 21) Describe how each project was chosen and what your role was:
- a) Project 1:

 - b) Project 2:

- 22) Describe why/why don't you contribute your labor/money for the project's maintenance :
- a) Project 1:

 - b) Project 2:

- 23) What is the current state of the Projects?
- a) Project 1:
 - i) Operational
 - ii) Partially operational
 - iii) Non-operational
 - b) Project 2:
 - i) Operational
 - ii) Partially operational
 - iii) Non-operational
- 24) What is the physical condition of the Projects?
- a) Project 1:
 - i) Severely damaged (almost all damaged)
 - ii) Moderately damaged (around half damaged)
 - iii) Slightly damaged (less than half damaged)
 - iv) Undamaged
 - b) Project 2:
 - i) Severely damaged (almost all damaged)
 - ii) Moderately damaged (around half damaged)
 - iii) Slightly damaged (less than half damaged)
 - iv) Undamaged

25) Describe the main reasons why the project is in a poor/good state of maintenance:

a) Project 1:

b) Project 2:

26) Describe what benefits you derive from each project. Also try and give their total monetary equivalent:

a) Project 1:

b) Project 2:

27) Rank the benefits you get from each project as compared to other project beneficiaries:

a) Project 1:

- i) A lot less (less than half)
- ii) A bit Less
- iii) Same
- iv) A bit More
- v) A lot more (more than double)

b) Project 2:

- i) A lot less (less than half)
- ii) A bit Less
- iii) Same
- iv) A bit More
- v) A lot more (more than double)

28) Rank the cost contributions (labor, money) you make to the maintenance of each project as compared to other project beneficiaries:

a) Project 1:

- i) A lot less (less than half)
- ii) A bit Less
- iii) Same
- iv) A bit More
- v) A lot more (more than double)

b) Project 2:

- i) A lot less (less than half)
- ii) A bit Less
- iii) Same
- iv) A bit More
- v) A lot more (more than double)

- 29) How many villagers are there that contribute less for the maintenance of collective projects, because they rely on others contributing more:
- None
 - One or two
 - Four to five
 - More than ten
- 30) Was the project that was chosen your top-most choice at the time?
- Project 1: Yes/No
 - Project 2: Yes/No
- 31) Were you given detailed information about what project choices (type, design, cost) you had before each project was made:
- Project 1: Yes/No
 - Project 2: Yes/No
- 32) Are you aware of the total amount of money collected (external and internal) for construction of the project?
- Project 1: Yes/No
 - Project 2: Yes/No
- 33) Do you think there was any chance that the project money was mis-managed, improperly spent:
- Project 1:
 - Almost certain
 - Likely
 - A small chance
 - No chance whatsoever
 - Project 2:
 - Almost certain
 - Likely
 - A small chance
 - No chance whatsoever
- 34) To what extent did you or someone from your Household participate in/were influential in the following decisions/actions in each project:
 1= direct participation , 2= indirect participation (I participated through my representative etc. whom I have full faith/trust in), 3 = little or no participation, 4= no participation as decision made on the basis of traditional system
- Project 1:
 - Project type selection _____
 - Project site selection _____
 - Deciding Project scale (length, capacity etc.) _____
 - Deciding Project design (route of Kool, placement of bridge etc.) _____
 - Deciding Time-frame of Project construction (start time, total duration etc.) _____
 - Deciding Village labor cost contribution in project construction _____
 - Deciding Village Non-labor (Materials etc.) cost contribution in project construction _____
 - Deciding Village labor wage rate (i.e. what amount villagers were paid for their work) _____
 - Deciding Village Non-labor contribution compensation (e.g. how much money to give for any land given up etc.) _____
 - Your actual labor work in project construction _____
 - Your actual monetary contribution in project construction _____
 - Deciding Project usage rules (who gets to use the project when) _____
 - Deciding Nature of sanctions for Project misuse (i.e. are people fined etc.) _____
 - Raising external funds for the Project construction and maintenance _____
 - Raising internal funds for the Project construction and maintenance _____
 - Deciding Distribution of Project benefits (division of new land etc.) _____

- xvii) Deciding Maintenance system, policy & rules of Project _____
- xviii) Deciding Cost contribution, level and distribution, in maintenance of Project _____
- xix) Deciding Labor contribution, level and distribution, in maintenance of Project _____
- xx) Deciding nature of sanctions for failure to contribute in Project maintenance (i.e. are people fined etc.) _____
- xxi) Your actual labor work in project maintenance _____
- xxii) Your actual monetary contribution in project maintenance _____

b) Project 2:

- i) Project type selection _____
- ii) Project site selection _____
- iii) Deciding Project scale (length, capacity etc.) _____
- iv) Deciding Project design (route of Kool, placement of bridge etc.) _____
- v) Deciding Time-frame of Project construction (start time, total duration etc.) _____
- vi) Deciding Village labor cost contribution in project construction _____
- vii) Deciding Village Non-labor (Materials etc.) cost contribution in project construction _____
- viii) Deciding Village labor wage rate (i.e. what amount villagers were paid for their work) _____
- ix) Deciding Village Non-labor contribution compensation (e.g. how much money to give for any land given up etc.) _____
- x) Your actual labor work in project construction _____
- xi) Your actual monetary contribution in project construction _____
- xii) Deciding Project usage rules (who gets to use the project when) _____
- xiii) Deciding Nature of sanctions for Project misuse (i.e. are people fined etc.) _____
- xiv) Raising external funds for the Project construction and maintenance _____
- xv) Raising internal funds for the Project construction and maintenance _____
- xvi) Deciding Distribution of Project benefits (division of new land etc.) _____
- xvii) Deciding Maintenance system, policy & rules of Project _____
- xviii) Deciding Cost contribution, level and distribution, in maintenance of Project _____
- xix) Deciding Labor contribution, level and distribution, in maintenance of Project _____
- xx) Deciding nature of sanctions for failure to contribute in Project maintenance (i.e. are people fined etc.) _____
- xxi) Your actual labor work in project maintenance _____
- xxii) Your actual monetary contribution in project maintenance _____

Traditional Leader Questionnaire

- Name of Family head _____
- AKRSP VO name _____

1) Fill in the following table for all members of the Household who are over ten years of age:

No	A. Age (years)	B. Sex Male(1) Female(2)	C. Education. X= religious	D. Current Health Good (1) Mental/ physical illness (2)	E. Current Occupation 0=unempl	F. Past Occupation 0=unempl	G. Training	H. Village presence 1= a lot 2= medium 3= very little
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								

- 2) For members less than ten years of age give:
- a) For boys: i) Total number _____ ii) Number in school _____
- b) For girls: i) Total number _____ ii) Number in school _____
- 3) Total number of Household members who have spent more than a year outside the village in some city (skardu, lahore, pindi, karachi) _____
- 4) Number of Household members who:
- a) Emigrate seasonally/temporarily _____
- b) Have emigrated permanently _____
- 5) How many years has your Household:
- a) Been in the village _____ years
- b) Been leading the village _____ years
- 6) Number of Household members who are/were in some welfare/social organization (government, NGOs) _____
- 7) How much land does your Household own:
- a) Total Land _____ kanals
- b) Total cultivable land _____ kanals

8) What crops do you grow on your land:

	A. Crop/fruits/non-fruit trees name	B. For crops give annual per kanal production (kg/kanal), for fruits give annual production (kg), for non-fruit trees give number.
1		
2		
3		
4		
5		
6		

9) Estimated value of total real estate (houses, shops) owned by your Household _____ Rs

10) Estimated value of total livestock owned by your Household _____ Rs

11) Your Household's Total Off-farm income:

a) From permanent job _____ Rs/month

b) From labor _____ Rs/month

12) What is your Household's most important source of income _____

(1=agriculture, 2=job, 3=labor, 4=inherited wealth, 5=religious fees, 6=other)

13) Household income that comes from outside village (from members working outside) _____ Rs/month

14) Do you belong to:

a) i) The majority village clan?

Yes/No

ii) Clan Name _____

b) i) The majority village political group?

Yes/No

ii) Group Name _____

c) i) The majority village religious group?

Yes/No

ii) Group Name _____

15) Number of Household in Village that are related (blood, marriage etc.) to your Household _____

16) Give the number of important personalities (inside or outside the village) that your Household is connected to in the following areas:

a) Government _____

b) Army _____

c) Private Organizations _____

d) NGOs etc. _____

e) Politics _____

f) Religion _____

17) Are you responsible for the maintenance of the following projects?

a) Project 1 (AKRSP) Yes/No

b) Project 2 (LB&RD etc.) Yes/No

18) What is your role in the village? What is the basis of your Household's leadership? _____
