

External Monitoring Report

External Monitoring and Post-Evaluation for Resettlement Plan Implementation
Inception Report
January 2012

CAM: Greater Mekong Subregion Cambodia Northwest Provincial Road Improvement Project

Prepared by REDECAM Group for the Kingdom of Cambodia, Inter-Ministerial Resettlement Committee, Ministry of Economy and Finance, Ministry of Public Works and Transport, and the Asian Development Bank.

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KINGDOM OF CAMBODIA

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**INTER-MINISTERIAL RESETTLEMENT COMMITTEE
MINISTRY OF ECONOMIC AND FINANCE
MINISTRY OF PUBLIC WORKS AND TRANSPORT**

CAMBODIA: GMS NORTHWESTERN PROVINCIAL ROAD IMPROVEMENT PROJECT



**EXTERNAL MONITORING AND POST-EVALUATION
FOR RESETTLEMENT PLAN IMPLEMENTATION
ADB Loan No. 2539 – CAM (SF)**

**INCEPTION REPORT
JANUARY 2012**

Submit to IRC by REDECAM Group



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ACRONYMS AND ABBREVIATIONS

ADB	:	Asian Development Bank
AH/AP	:	Affected Household/Person
COI	:	Corridor of Impact
DMS	:	Detailed Measurement Survey
EA	:	Executing Agency
EMA/O	:	External Monitor Agency/Organization
FGD/I	:	Focus Group Discussion/Interview
GC	:	Grievance Committee
GMS	:	Greater Mekong Subregion
IOL	:	Inventory of Loss
IRC	:	Inter-ministerial Resettlement Committee
MEF	:	Ministry of Economy and Finance
MLMUPC	:	Ministry of Land Management, Urban Planning and Construction
MPWT	:	Ministry of Public Works and Transport
PIB	:	Project Information Booklet
PIU	:	Project Implementation Unit
Project	:	Cambodia Northwest Provincial Road Improvement (CNWPRI)
PRSC	:	Provincial Resettlement Sub-Committee
RCS	:	Replacement Cost Study
RGC	:	Royal Government of Cambodia
ROW	:	Right of Way
RP	:	Resettlement Plan
SAP	:	Severely Affected People
SES	:	Socio-Economic Survey
TA	:	Technical Assistance
TOR	:	Terms of Reference
URP	:	Updated Resettlement Plan
WG	:	Working Group

I. Project Background

1. The Ministry of Public Works and Transport (MPWT), through the Project Management Unit 3 (PMU 3) and with assistance from the Asian Development Bank (ADB), is studying the economic, technical, social, and environmental feasibility of the Transport Infrastructure Development and Maintenance Project for possible funding by the ADB. Proposed for inclusion in the Project is the rehabilitation of National Road (NR) 56, found in the Provinces of Banteay Mean Chey and Otdar Mean Chey.
2. The approximately 112.0 Km long, NR #56 starts at the junction with NR #6 in the district of Srei Soaphaon (aka Sisophon), Province of the Banteay Mean Chey. The road runs basically to the north for about 68 km before it turns sharply to the west where it ends at the intersection with NR 68 in the district of Samraong, Province of Otdar Mean Chey. NR #56 crosses the district of Sisophon, Svay Chek, and Thma Puok in Banteay Mean Chey before crossing the districts of Banteay Ampil and Samraong in Otdar Mean Chey. Commune and Village centers traversed by NR #56, where the resettlement issues are expected to be significant in term of magnitude and severity of impacts, are Phniet , Ou Preal ,Kouk Mon, Banteay Chhmar, Kumru, Thmar Puok, Roluos, Sisophon, Ou Rumdol, Makak, Olok, Pongro, Slokram, Tapaen, Treas and Kouk Khpos.
3. The major works to be carried out in the upgrading and rehabilitation of NR #56 include the arising by about 1.0 m of section of the road in flood-prone areas; the widening of the roadway to 11 m, consisting of 7m DBST (double bituminous surface treatment) carriageway (i.e., 3.5m from the centerline) and 1.5m bitumen-sealed shoulder plus a 0.5m gravel curve on each side of the carriageway.

II. Scope of resettlement impacts and Budget

4. The inventory of losses (IOL) and census of affected person (APs) and affected household (AHs) that were conducted on 27 June - 12 July 2008 estimated that approximately 856,233.39 m² of land in NR #56. Around 301,233.39 m² of the required land are inside the ROW, of which 169,400.00 m² are public forest land and bush land, and another 108,900.00 m² cultivated lands, mostly to rice. The remaining 555,000.00 m² are public land with land mines and UXO and some private agricultural land with will have to be acquired for the bypass roads.
5. In addition, a total of 310 main structures will be adversely affected by the project. Of this member 12 are dwelling units; 31 are house-and-stores; 178 are regular shops; 88 are temporary stores and stalls; and 1 government building. A total of 163 of these structures are entirely affected.
6. Not including the private agricultural lands that will be acquired for the by-pass road, since a cadastral survey during the detailed measurement survey (DMS) will need to be conducted to determine parcels of land to be acquired in addition to the identities of their owners, it is estimated that 412 affected households (AHs), or approximately 2,060 persons based on an average households size of 5, will lose entirely or partly their main structures and/or sources of livelihood. Actual figures will be determined after completion of the detailed measurement survey.

2.1 Implementing Agency

7. The IOL was conducted by a team of 14 local research assistants and an international consultant (i.e., social/resettlement specialist). The research team was accompanied by commune and village officials in their data gathering activities. The table below gives a rundown of the adverse social impacts of the Project.

Description	Unit	IOL Results (June-July 2008)
LAND	m ²	856,233.39
a) Total land acquired for bypass	m ²	555,000.00
b) Total Land in ROW of NR#56	m ²	301,233.39
- Farmland	m ²	108,900.00
- Residential land	m ²	22,848.74
- Commercial land	m ²	84.65
- Woodland	m ²	169,400.00
MAIN STRUCTURES	m ²	2,636.95
- Type 1A	m ²	683.93
- Type 1B	m ²	256.85
- Type 1C	m ²	191.30
- Type 1D	m ²	174.18
- Type 2A	m ²	144.25
- Type 2B	m ²	75.41
- Type 2C	m ²	223.84
- Type 2D	m ²	203.60
- Type 2E	m ²	467.52
- Type 2F	m ²	117.07
- Type 2G	m ²	69.68
- Type 2I	m ²	29.32
COUNT OF AFFECTED MAIN STRUCTURES	no.	310.00
- Totally affected house	no.	2.00
- Partially affected house	no.	10.00
- Totally affected house-store	no.	21.00
- Partially affected house-store	no.	10.00

Description	Unit	IOL Results (June-July 2008)
- Totally affected temporary stores/stalls	no.	51.00
- Partially affected temporary stores/stalls	no.	37.00
- Totally affected regular shop	no.	89.00
- Partially affected regular shop	no.	89.00
- Partially affected govern. building	no.	1.00
SECONDARY STRUCTURES		
- Fence	lm	16,072.48
- Extended house eaves	m ²	690.09
- Dug well (Ø:800 mm with deep:6-10m)	no.	6.00
- Pump well	no.	1.00
- Concrete culvert (Ø:600 mm)	lm	36.40
- Concrete patio (189 units)	m ²	2,526.31
- Wooden bridge over canal into the house	m ²	38.20
- Concrete bridge over canal into the house	m ²	220.00
- Gate	m ²	14.40
- Business signage	m ²	15.00
- Dug pond	no.	123.00
- Concrete terracotta	m ²	13.63
- Chedey/stupa	no.	1.00
- Spirit house	no.	1.00
TREES	no.	3,031.00
- Perennial Trees (various species)	no.	1,891.00
- Timber trees (various species)	no.	1,140.00
RELOCATING HOUSES AND BUSINESSES		
- Relocating houses	no.	2.00
- Relocating regular shops	no.	89.00
- Relocating temporary shops	no.	51.00
- Relocating houses-stores	no.	21.00
- Relocating renter of house-stores	no.	9.00
- Relocating renter of regular shops	no.	15.00

Description	Unit	IOL Results (June-July 2008)
- Relocating renter of temporary stores/stalls	no.	6.00
VULNERABLE HOUSEHOLDS	no.	
Households headed by women	no.	110.00
Household head with disability	no.	4.00
Landless households	no.	23.00
Poor ethnic minority household	no.	1.00
Elderly household heads	no.	5.00

2.2 Budget (USD currency)

8. All costs for subproject resettlement programs under the Project including compensation and allowances, operation and administration costs, and external monitoring. The Ministry of Economy and Finance (MEF) will provide the above budget directly to the IRC and the IRC will disburse the fund to PDEF for payments of land acquisition, compensation and allowances to AHs. The estimated cost of resettlement for the improvement of NR#56 is US\$ 1.131 million.

Description	Unit	Quantity	Rate (\$/Unit)	Amount (US\$)
LAND				599,655.00
- Bypass road (beginning and end)	m ²	10,000.00	2.20	22,000.00
- Bypass road (interior)	m ²	545,000.00	0.97	528,650.00
- Existing ROW (loss of land use)	m ²	108,900.00	0.45	49,005.00
MAIN STRUCTURES				56,686.94
- Type 1A	m ²	683.93	6.80	4,650.72
- Type 1B	m ²	256.85	12.20	3,133.57
- Type 1C	m ²	191.30	13.90	2,659.07
- Type 1D	m ²	174.18	17.60	3,065.57
- Type 2A	m ²	144.25	14.20	2,048.35
- Type 2B	m ²	75.41	22.00	1,659.02
- Type 2C	m ²	223.84	26.30	5,886.99
- Type 2D	m ²	203.60	30.10	6,128.36
- Type 2E	m ²	467.52	33.80	15,802.18
- Type 2F	m ²	117.07	34.40	4,027.21

Description	Unit	Quantity	Rate (\$/Unit)	Amount (US\$)
- Type 2G	m ²	69.68	60.00	4,180.80
- Type 2I	m ²	29.32	117.50	3,445.10
- Main structures (Repair Cost)		\$26,425.59	20%	5,285.12
SECONDARY STRUCTURES				62,066.85
- Concrete bridge over canal into the house	m ²	220.00	17.00	3,740.00
- Business signage	no.	1.00	lump sum	100.00
- Spirit house	no.	1.00	lump sum	20.00
- Wooden bridge over canal into the house	m ²	38.20	15.00	573.00
- Dug well (Ø:800 mm with deep:6-10m)	no.	6.00	120.00	720.00
- Pump well	no.	1.00	320.00	320.00
- Chedey/stupa	no.	1.00	3,600.00	3,600.00
- Concrete terracotta	m ²	13.63	6.50	88.60
- Concrete culvert (Ø:600 mm)	lm	36.40	32.00	1,164.80
- Concrete patio (189 units)	m ²	2,526.31	8.00	20,210.48
- Dug pond	no.	123.00	12.00	1,476.00
- Extended house eaves	m ²	690.09	2.00	1,380.18
- Fence: weak/loose bamboo or wood	lm	4,601.60	0.22	1,012.35
- Fence: bamboo/round W. post, w/B. bar	lm	2,348.90	1.00	2,348.90
- Fence: W. post, w/wire/W./bamboo bar	lm	2,215.60	1.25	2,769.50
- Fence: W. post w/no bar & <1m interval	lm	1,375.80	2.60	3,577.08
- Fence: W. post w/no bar, 1-2m interval	lm	826.20	1.20	991.44
- Fence: W. post w/no bar, >2m interval	lm	455.00	0.25	113.75
- Fence: W. post w/ W./B. bar & grille	lm	3,861.68	3.25	12,550.46
- Fence: concrete post w/ wire bar	lm	152.60	3.50	534.10
- Fence: 100mm brick, Con. post, W. grille	lm	23.00	9.20	211.60
- Fence: 200mm brick, Con.post, Steel grille	lm	59.00	16.30	961.70
- Fence: metal sheet/wooden plank	lm	42.70	7.15	305.31
- Fence: 100mm brick, plastering on both sides	lm	110.40	21.00	2,318.40
- Gate: with brick column and steel doors	m ²	14.40	68.00	979.20

Description	Unit	Quantity	Rate (\$/Unit)	Amount (US\$)
TREES (various species and ages)	no.			41,790.00
Sub-Total (1)	\$			760,198.79
ALLOWANCES AND OTHER ENTITLEMENTS				
- Moving allowance for relocating house	no.	2.00	70.00	140.00
- Moving allowance for relocating house-store	no.	21.00	70.00	1,470.00
- Moving allowance for relocating regular shop	no.	89.00	40.00	3,560.00
- Moving allowance for relocating temp. shop	no.	51.00	20.00	1,020.00
- Moving allow. for relocating renter of H/S	no.	9.00	70.00	630.00
- Moving allowance for relocating renter of R.Sh	no.	15.00	70.00	1,050.00
- Living allowance for relocating house	no.	2.00	200.00	400.00
- Living allowance for relocating house/store	no.	21.00	200.00	4,200.00
- Living allowance for relocating regular shop	no.	89.00	33.20	2,954.00
- Living allowance for relocating renter of H/S	no.	9.00	33.20	298.80
- Living allowance for relocating renter of R. Sh.	no.	15.00	33.20	498.00
- Rental allowance for relocating renters of H/S	no.	9.00	25.00	225.00
- Rental allowance for relocating renters of R.Sh	no.	15.00	25.00	375.00
- Replacement plots for landless relocating H.	no.	2.00	550.00	1,100.00
- Replacement plots for landless relocating H/S	no.	21.00	550.00	11,550.00
- Living allowance for partially affected household head by women	no.	48.00	124.50	5,976.00
- Living allowance for entirely affected household headed by women	no.	62.00	200.00	12,400.00
- Living allowance for disabled AH heads	no.	4.00	200.00	800.00
- Living allowance for elderly-headed AHs	no.	5.00	200.00	1,000.00
- Rehabilitation assistance	no.		lump sum	30,000.00
Sub-Total (2)	\$			79,647.60
External Monitor/Evaluation	no.		lump sum	30,000.00
TOTAL DIRECT COST				869,846.39
Administrative Cost (15%)				130,476.96
Costs contingencies (15%)	no.			130,476.96
GRAND TOTAL				1,130,800.30

III. Project Entitlements as per Approved RP

9. The entitlement matrix summarizes different types of impacts, which AHs are eligible for their entitlements and compensation; and provides guidance on implementation issues indicated in table below:

ENTITLEMENT MATRIX

Type of Loss/Impacts	Application	Eligible Persons	Entitlements
Loss of Land (all kinds) <u>OUTSIDE</u> of the ROW	Partial loss; i.e., only a portion of the land of the AP is acquired by the Project and the residual un-affected is STILL VIABLE for continued use. (Identities of the APs will be determined during DMS and RP updating)	All APs with recognized proof of ownership who will be affected by the construction of a by-pass road in Banteay Chhmar Commune (NR 56), in addition to APs who may be affected by the construction of the cross-border facilities at Ou Smach.	<ul style="list-style-type: none"> • APs to be notified at least 3 months in advance of the start of civil works in the locality. • For the affected portion of the land: cash compensation at replacement cost (based on recent land sales in the locality; in case there is no active market in the locality, based on productive capacity or attributes; without deduction for taxes and transaction costs) • To the extent possible, APs will be allowed to harvest their annual and perennial crops and timber products prior to construction. • If AP belongs to any of the vulnerable groups, see entitlements for vulnerable APs below.
	Entire land is lost; i.e., the whole land is affected by the Project, or the residual un-affected is NO LONGER VIABLE for continued use and, therefore, the entire land will have to be acquired by the Project. (Identities of the APs will be determined during DMS and RP updating)	All APs with recognized proof of ownership who will be affected by the construction of a by-pass road in Banteay Chhmar Commune (NR 56), in addition to APs who may be affected by the construction of the cross-border facilities at Ou Smach.	<ul style="list-style-type: none"> • APs to be notified at least 3 months in advance of the start of civil works in the locality. • For the entire land: cash compensation at replacement cost (based on recent land sales in the locality; in case there is no active market in the locality, based on productive capacity or attributes; without deduction for taxes and transaction costs) • APs will be allowed to harvest their annual and perennial crops and timber products prior to construction. • If during RP updating, farmer APs are found to be severely affected (i.e., the loss is equivalent to 10%

Type of Loss/Impacts	Application	Eligible Persons	Entitlements
	updating)		<p>or more of their total income capacity), the AP will be provided (i) rehabilitation assistance in the form of farm inputs (e.g. seeds/seedlings) and technical advice to help increase production; and (ii) living allowance of 83 kg of milled rice, which is the estimated consumption of a household of 5 members, multiplied by 6 months multiplied by \$0.40/kg (or \$200).</p> <ul style="list-style-type: none"> If AP belongs to any of the vulnerable groups, see entitlements for vulnerable APs below.
Loss of use of Productive Land <u>INSIDE</u> the ROW	<p>Partial loss; i.e., only a portion of the land cultivated by the AP within the COI is affected.</p> <p>(Identities of the APs will be determined during DMS and RP updating)</p>	All APs utilizing ROW land for productive use	<ul style="list-style-type: none"> APs to be notified at least 3 months in advance of the start of civil works in the locality. APs will be allowed to harvest their crops prior to construction. APs will be tolerated to cultivate the residual area of the ROW. For the affected portion, cash assistance for loss of land use equivalent to the area lost multiplied by \$0.45 (based on the following assumption: yield of 0.3kg/m² of un-milled rice x \$.15/kg un-milled rice x 10 years). If during RP updating, said farmers are found to be severely affected (i.e., the loss is equivalent to 10% or more of their total income capacity), the AP will (i) be assisted by the IRC-WG in collaboration with PRSC in finding affordable replacement land with similar productive attributes for these farmers to lease; (ii) be provided rehabilitation assistance in the form of farm inputs (e.g. seeds/seedlings) and technical advice to help increase production; and (iii) be provided living allowance of 83 kg of milled rice, which is the estimated consumption of a household of 5 members, multiplied by 6 months multiplied by \$0.40/kg (or \$200). If AP belongs to any of the vulnerable groups, see entitlements for vulnerable APs below.

Type of Loss/Impacts	Application	Eligible Persons	Entitlements
House, House-and-shop; Shop/Store	Partial loss of house, house-and-shop; shop or store; i.e., only a portion of the main structure of the house, house-and-shop, or shop/store is affected and the remaining unaffected portion is STILL VIABLE for use.	Owners with or without acceptable proof of ownership over the land; with or without building permit	<ul style="list-style-type: none"> • APs to be notified at least 3 months in advance of the start of civil works in the locality. • For the affected portion, cash compensation at replacement cost (i.e., present cost of construction materials in the locality, plus cost of labor and repair [i.e., 20% of the cost of labor and materials] of the unaffected portion, but minus re-usable salvaged materials which will be determined during DMS). APs to get cash compensation at least 3 months ahead of civil works in the locality to allow the AP sufficient time to gradually re-organize the house and/or shop, thereby avoiding any disruption in the livelihood of the same. • If AP belongs to any of the vulnerable groups, see entitlements for vulnerable APs below.
		Renters of said structures	<ul style="list-style-type: none"> • APs to be notified at least 3 months in advance of the start of civil works in the locality. • No other entitlements if not relocating and if business operation is not disrupted.
	Entire house, house-and-shop, store/shop is lost; i.e., entire main structure is affected, or the unaffected portion of the main structure is NO LONGER VIABLE for continued use.	Owners with or without acceptable proof of ownership over the land; with or without building permit	<ul style="list-style-type: none"> • APs to be notified at least 3 months in advance of the start of civil works in the locality. • Cash compensation at replacement cost for the entire house (i.e., present cost of construction materials and labor in the locality, but minus re-usable salvaged materials which will be determined during DMS). APs to get cash compensation at least 3 months ahead of civil works in the locality to allow the AP sufficient time to gradually re-organize the house and/or shop, thereby avoiding any disruption in the livelihood of the same. • Living allowance as follows: <ul style="list-style-type: none"> ➢ Houses and regular shops (i.e., can be closed with four walls) that will move back in residual area of the ROW: (i) 83 kg of milled rice for 3 months (or \$100.00) for affected house; and (ii) 83 kg of milled rice for 1 month (or \$33.20) for the affected regular store).

Type of Loss/Impacts	Application	Eligible Persons	Entitlements
			<ul style="list-style-type: none"> ➤ Houses and regular shops that will relocate outside the ROW: (i) 83 kg of milled rice for 6 months (or \$200) for affected house; and (ii) 83 kg of milled rice for 3 months (or \$100) for the affected regular store). • Transportation (moving) allowance as follows: <ul style="list-style-type: none"> ➤ Shops and stalls made of light and temporary materials: \$20 ➤ Regular shops and houses moving into the residual area of the ROW: \$40 ➤ Regular shops and houses relocating within the same village outside of the ROW: \$60 ➤ Houses relocating in another village outside of the ROW: \$70 • If landless, to be provided free of charge with substitute plot with an area of at least 105 m² outside of the ROW and in a location acceptable to the AP, with secure tenure (full title to land), accessible, with or close to source of potable water, and with latrine. The plot will also be suitable for these landless households to re-establish their businesses. • If AP belongs to any of the vulnerable groups, see entitlements for vulnerable APs below.
		Renters of entirely affected house and house-and-shop	<ul style="list-style-type: none"> • APs to be notified at least 3 months in advance of the start of civil works in the locality. • Transportation (moving) allowance of \$40 • Living allowance of 83 kg of milled rice for 1 month (or \$33.20) for relocating tenants of affected regular shop and house. • Rental allowance equivalent to 2 months rent of a similar building in the locality. • If AP belongs to any of the vulnerable groups, see entitlements for vulnerable APs below.
Miscellaneous/other structures (porch, extended eaves, spirit house, fence, etc.)	Loss of, or damage to, assets	Owners of the structures with or without acceptable proof of ownership over the land; with or	<ul style="list-style-type: none"> • APs to be notified at least 3 months in advance of the start of civil works in the locality. • Cash compensation at replacement cost for the affected

Type of Loss/Impacts	Application	Eligible Persons	Entitlements
		without building permit	assets (i.e., present cost of construction materials and labor in the locality, but minus re-usable salvaged materials which will be determined during DMS).
Crops and trees	Loss of, or damage to, assets	Owners regardless of tenure status	<ul style="list-style-type: none"> • APs to be notified at least 3 months in advance of the start of civil works in the locality. • To the extent possible, APs will be allowed to harvest their annual and perennial crops prior to construction. • Perennial and timber trees will be compensated in cash as per replacement cost study.
Public Facilities (Government-owned structures)	Loss of, or damage to, assets	Institutions that own the affected assets	<ul style="list-style-type: none"> • APs to be notified at least 3 months in advance of the start of civil works in the locality. • To be reconstructed, restored and/or relocated by the civil works contractor
Higher risks of hardship due to project impacts	Loss of house and shops, paddy land within the ROW	Vulnerable Groups: AP households belonging to one or more of the following vulnerable groups: (i) "poor", as officially defined; (ii) households headed by women; and (iii) households that are headed by persons with disabilities and with no other gainfully employed or earning members of the household.	<ul style="list-style-type: none"> • If affected by partial loss of asset: living allowance of 83 kg of milled rice per month for 3 months (or \$100 per household) • If affected by the entire loss of an asset (e.g., house, shop, farm): living allowance of 83 kg of milled rice per month for 6 months (or \$200).
Impacts during Construction			<ul style="list-style-type: none"> • Contractors will be responsible for paying rental in cash for land outside the ROW which will be no less than the net income that would have been derived from the affected property during disruption. • Restoration of land within 3 months after use. • Non-land assets within the residual area of the ROW and/or outside of the ROW that are adversely impacted by construction activities will be compensated at replacement cost by the civil works contractor.

IV. Schedule

10. IRC and MPWT will ensure that contractor will not be issued notice to commence for any part of a section of a road to begin construction work unless it has satisfactorily completed in accordance with the approved RR, compensation payment and area required for civil works is free of all encumbrances. The table below summarizes the various inter-related activities connected with the updating and implementation schedule of RP.

Activities	Schedule
RP Preparation	June 2008 – February 2009
ADB Approval of Draft RP	March 2009
RP Updating	April – June 2010
Detailed measurement survey, replacement cost survey	April – June 2010
Consultation	April – 2011
Finalization of Relocation Strategy	May - June 2010
Design of Income Restoration Program	May - June 2010
Disclosure of Draft Updated RP to APs	June 2010
Submission and ADB approval of updated RP	July 2010
Implementation of the approved updated RP	July 2010 – December 2011
Disbursement of Compensation to APs	July – Sep 2010
Construction of Relocation Sites for Landless households	July – Sep 2010
Relocation of affected households	October 2010 to June 2011
Implementation of Income Restoration Program	July 2010 – December 2011
Internal Monitoring (Submission of Quarterly Progress Reports)	April – December 2011
External Monitoring (intermittent)	May –2009 – 2011
Civil Works Construction*	April 2010 - onwards

* Civil works construction will only start for section where there are no resettlement impacts

See detailed activities in Annex 1.

V. Status of Accomplishment during the Monitoring Period

11. REDECAM were appointed by the Ministry of Economy and Finance on 01st December 2011 to act as the External Monitor to monitor and evaluate the preparation and implementation of the Resettlement Plan approved by the IRC and ADB in 2009 to provide compensation, relocation and other measures to restore the property and livelihoods of people and communities affected by the Project.

5.1 EMO's Activities

12. During December 2011, the monitoring team has focused their activities as below:

5.1.1 Review existing documents

13. By reviewing some directive documents such as RP and RCS report, we found some errors are mentioned as below:

- For RP 2009:
 - 1) In paragraph 4, it mentions that "around 56,301,233.39m² of the required land". IRC confirmed that it is a mistake with computerize typing. The accurate sentence is "In NR#56, around 301,233.39 m² of the required land".
 - 2) In paragraph 4, it mentions that "the remaining 555,000.00m² are public land, and some private agricultural land...". But in summary table 11-1 all 555,000.00m² is costing as private land (10,000 m² costs 2.2\$ per sq.m. and 545,000.00 m² costs 0.97\$ per sq.m.).
- DMS list will review later after getting from IRC.

5.1.2 Key informant interview

14. EMO has interviewed with key informants (see the name list in section VIII: list of persons met), who are responded for RP preparing and implementation. The interview was focused on IRC-WG activities in RP implementation and current situation of the Projects on the ground in the two provinces, Banteay Mean Chey and Otdar Mean Chey. The results of interview were summarized as below:

15. - **Information Dissemination:** During the DMS conducting in both provinces, IRC-WG has distributed a public information booklet to every AH. The public information booklets are providing back ground information, benefit and impact of the project; project executive agency, compensation entitlement, allowance and assistance (for relocated and vulnerable people), and grievance procedure.

16. - **Public Meeting:** The public meeting has been organized at commune level in advance 1 or 2 days before DMS conducting. Local authority has played the key role in dissemination of information to AHs in their village to participating in the meeting. During the Public meetings IRC-WG has described on the project background and benefit, informed participants on project implemented schedule, explained the project policy and compensation entitlement, about ROW (25m-25m) and COI (8m-8m for urban area and 10m-10m for rural area), DMS and compensation (contract and payment) process, expected impact of the project, local authority participation in Resettlement Sub-Committees, and grievance procedures such as they can lodge their complaints through LA if they have disagreed with the project. IRC WG also distributed the PIB to every AH during DMS process.

17. - **DMS process:** The team was trained before DMS conducting in each province. The DMS properly started from September 2011 up to now. It includes the inventory of loss and census survey. The process went on smoothly. In case of partly affected structure, but whole structure needs to be moved, then the measurement has been done for whole structure. Similarly, for affected land, if the remaining land is not viable for its current use, the measurement has been done for the entire parcel of land. All AHs were registered in the DMS list.

32. - **Compensation process:** The process is not yet done, but compensation rate will be based on the RCS results at the current market price. To restore AP livelihood, some allowances/ assistances were provided to them, such as living allowance (USD

33.20 – 200.00), transport/moving allowance (USD 20.00 – 70.00), special assistance for vulnerable group (USD 124.50 – 200.00) per household, rental allowance for renters of house/store/shop is USD 25.00.

18. - **Grievances redress committee:** A grievance committee has been established in each province for the consideration of complaints and grievance from AHs. IRC will provide name lists of the committee later.

5.1.3 Direct observation on DMS process

23. In conduct of direct observation, IMO mobilized two staffs by using observation checklist to capture information during DMS and contract making process together with IRC WG as they performed their activities. The DMS was conducted by IRC WG jointly with SPRC (Banteay Mean Chey and Otdar Mean Chey) and local authorities (thereafter called Team). The Team has about 20 members. It was divided into 2 sub-groups. The team members were consisted of 6 from MPWT, 2 from MEF, 1 from MLMUPC and 10 from Provincial Subcommittee and 1 village chief. AHs were informed by Team one or two days before the DMS conducting via local authorities, in particular commune and village chief. The wooden poles with red color painting were used for identify COI along the NR#56. Work schedule is started from 8:00 to 11:30 and from 14:00 to 17:00. In average, the Team can finish interview about 15 to 17 households a day.

24. The Team recorded all affected assets. In the practice, all AHs participated in the measurement process to observe the results. Those AHs appeared to this participation respected and opportunity to ask question and they were able to understand the issues before printing their thumbs on DMS questionnaires. The AHs could immediately complain or review with the Team, if they did not agree with the DMS results. In case that some APs have not understood about the DMS process, they could ask someone to help. If those AHs and community were agreed with the results they would made a print thumb on DMS questionnaire as a proof before it was also signed by village chief to confirm.

5.1.4 Direct observation on public meeting

25. On 27th December 2011 at 9:00 am, there was a Public Consultation Meetings at Kouk Ovlaok pagoda in Kouk Ovlaok village, Ampil commune, Banteay Ampil district and Otdar Mean Chey province. The meeting was headed by **Mr. Hing Heurn, Deputy Governor of Bateay Ampil district** with 48 participants were attended. The participants comprised 11 from IRC, IMO and PPRSC, 37 HHs from Ampil commune. The purpose of meeting is to inform all AHs about DMS process. During the Public Meeting, IRC also informed AHs on project background, ROW, COI, compensation entitlement and grievance procedure. The participants were also given opportunity to ask or request to IRC WG.

5.1.5 Development monitoring and baseline and follow up survey tools

26. All tools for household interviews and monitoring were prepared by team leader. The rationales of preparation of questionnaire for interviewing were derived from the

purposes and indicators of TOR for External Monitoring. The socio-economic baseline and follow up survey questionnaire is attached in Annex 3.

5.2 Achievable IRC's Activities

25. Base on the schedule above of RP 2011, all IRC-WG activities have been achieved. The detailed activities are described follow:

5.2.1 Public meeting

26. Up to 31st December 2011, IRC-WG has conducted 15 public meetings with PRSC, LA and AHs in the two provinces, 14 meetings in Banteay Mean Chey and one meeting in Otdar Mean Chey. Please see the detailed schedule in annex 2.

5.2.2 DMS process

27. According to the interviewing with deputy team leader of IRC WG "Mr. Khen Sovathara", DMS in Banteay Mean Chey was conducted on 03 September finished on 24 December 2011 with 1,368 AHs and in Otdar Mean Chey started from 26 December 2011. The DMS result in Otdar Mean Chey is in process. The result demonstrates as below:

Table 1: Summary of AHs in DMS List, Signed Contract and Received Payment

Location/District	Registered in DMS List	Signed Contract	Received Payment
1. Banteay Mean Chey province			
1.1 Serei Saophoan	534 AHs	0	0
1.2 Svay Chek	483 AHs	0	0
1.3 Thma Puok	351 AHs	0	0
Total	1,368 AHs	0	0

5.2.3 Compensation process

33. The process is not yet done. It is a subject for monitoring in next quarter.

5.2.4 Relocation process

34. There are some AHs (accurate will know when the data process is finished) who are landless. It needs to create resettlement site. However, the site selection is not yet process, because the accurate numbers of landless households is not yet know.

5.2.5 Grievance process

33. A Grievance Committee has been established in each province. The committee duty is to address complaints and AHs grievances. But up to now, there was no complaint yet.

5.3 Unachievable Activities

34. In general most activities are delayed about one year later, if comparing to the time schedule in RP 2009 which was approved by ADB. The update schedule and RP are preparing by IRC and resettlement consultant.

5.4 Added/deviant Activities

35. There were not any adding or deviation activities.

VI. Identified Issues and Time-Bound Recommendation

36. During the field visit, EMO has not found any problems due to the DMS possessing.

Project Area	Issues	Recommendation	Timing	Responsible group
Bnateay Mean Chey	None			
Otdar Mean Chey	None			

VII. Work Plan for First Year (December 2011 – November 2012)

37. The table below describes the summary of activities for first year:

Month	1 st quarter			2 nd quarter			3 rd quarter			4 th quarter		
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1. Monitoring Activities:												
1.1 Reviewing of existing document, Key informant interview, Field visit, Developing monitoring tools.												
1.2 Direct observation on DMS process.	It will conduct in part-time and based on IRC WG schedule.											
1.3 Direct observation on compensation process.	It will conduct in part-time and based on IRC WG schedule.											
1.4 Field monitoring by random check of DMS results and payment amounts.	After getting DMS and payment list from IRC											
1.5 Conduct FGD on Participation, Consultation and Compensation process (contract making and payment).	6 days in each quarter for the both provinces											

Month	1 st quarter			2 nd quarter			3 rd quarter			4 th quarter		
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1.6 Direct observation on Grievance process and case study for complain AHs.	The observation will conduct in parttime and based on GC schedule.											
2. Baseline survey												
2.1 Reviewing of existing document, Key informant interview, Field visit, Develop baseline and follow up survey tools.												
2.2 Questionnaire testing and field survey	Baseline Survey is conducting in part-time by following DMS process of IRC WG (DMS List).											
2.3 Data management: data entry, clearing and analysis	None						Baseline data management is conducted in part time by following the DMS process.					
3. Report preparing:												
3.1 Inception report												
3.2 Quarter report												
3.3 Baseline survey report												

VIII. List of persons met

38. The EM Team has met with some key informants as follow:

Name	Organization/ household	Remark
Mr. John W. Pilgrim	Resettlement Expert	International
Mr. Ear Sophy	Resettlement Consultant	Local
Mr. Yen Soapphan	Deputy director of RD/MEF	
Mr. Chheang Chhor Lin	TL IRC-WG (MEF)	
Mr. Khen Sovathara	Deputy TL IRC-WG (MEF)	
Mr. Nuon Sam Ath	IRC WG/MEF	

Annex 1 – Summary Matrix of Progress in RP Updating

Province	District/Town	No. AHs	Participation & Consul.	COI stake	DMS	Contract Making	Payment	Update Unit Costs	Relocation Site Plan	Livelihood Plan	Update RP	URP Submission	ADB Approval
Banteay Mean Chey	Serei Saophoan	534	√√√	√√√	√√√	-	-	√	-	-	√	-	-
	Svay Chek	483	√√√	√√√	√√√	-	-	√	-	-	√	-	-
	Thma Puok	351	√√√	√√√	√√√	-	-	√	-	-	√	-	-
Otdar Mean Chey	Banteay Ampil	263	√	√	√	-	-	√	-	-	√	-	-
	Samraong	75	-	-	-	-	-	√	-	-	√	-	-

Legends: √ = started √√ = 50% done √√√ = 100% complete

Annex 2 – Public meeting during the DMS process

No.	Date	Venue	Participants
Banteay Mean Chey Province			
1	August 22 nd , 2011 (8:30am – 10:30am)	Governor hall of BMCH province	88 participants, comprising IRC, PRSC and LA.
2	August 22 nd , 2011 (2:00pm – 5:30pm)	Governor hall of Serei Soaphaon district	26 participants, comprising IRC, PRSC and LA.
3	August 24 th , 2011 (8:00am – 10:30am)	Sophy primary school	- IRC & PRSC WG: 20 persons - AP : 59 persons
4	September 6 th , 2011 (2:30pm – 4:30pm)	Governor hall of Serei Soaphaon district	24 participants, comprising IRC, PRSC and LA. AP : 28 persons
5	September 15 th , 2011 (8:00am – 10:30am)	Pongro primary school, Sangkat Kampong Svay	- IRC & PRSC WG: 19 persons - AP : 66 persons
6	September 20 th , 2011 (4:00pm – 5:30pm)	Chamkar Kor market	7 participants, comprising IRC, PRSC and LA. - AP : 7 persons
7	October 6 th , 2011 (8:00am – 10:30am)	Mkak pagoda, Sangkat Mkak	- IRC & PRSC WG: 20 persons - AP : 122 persons
8	October 19 th , 2011 (8:00am – 10:30am)	Slarkram commune center	- IRC & PRSC WG: 20 persons - AP : 127 persons
9	October 28 th , 2011 (2:30pm – 5:00pm)	Tabaen commune center	- IRC & PRSC WG: 16 persons - LA : 6 persons - AP : 173 persons
10	November 4 th , 2011 (2:00pm – 5:00pm)	Roluos commune center	- IRC & PRSC WG: 13 persons - LA : 8 persons - AP : 184 persons
11	November 16 th , 2011 (8:30am – 10:30am)	Treas commune center	- IRC & PRSC WG: 15 persons - LA : 5 persons - AP : 57 persons
12	November 18 th , 2011 (2:30pm – 5:00pm)	Governor hall of Thma Puok district	- IRC & PRSC WG: 12 persons - LA : 5 persons - AP : 21 persons
13	November 22 nd , 2011 (8:30am – 10:30am)	Governor hall of Thma Puok district	- IRC & PRSC WG: 15 persons - AP : 55 persons

No.	Date	Venue	Participants
14	December 1 st , 2011 (8:00am – 10:30am)	Banteay Chmar commune center	- IRC & PRSC WG: 15 persons - AP : 115 persons
Otdar Mean Chey Province			
15	December 27 th , 2011 (9:00am – 10:30am)	Kouk Ovlaok pagoda	- IRC : 4 persons - PRSC : 7 persons - AP : 37 persons

Annex 3 – Socio-economic Baseline Survey Questionnaire

Socio-Economic Baseline & Follow Up Survey Questionnaire

Questionnaire ID:.....

Date of interview:...../...../.....

Interviewer's name:

Supervisor's name:

I. LOCATION:

IRC No:

Group No:

Village:

Commune:

District:

Provincial:

II. PROFILE OF HOUSEHOLD HEAD:

Ask for household head (if not present, ask other adult, but over 18 years old)

2.1 H/H Name:

Call Name:

2.2 Age:

Sex: Male ☐

Female ☐

2.3 Occupation:

2.4 Ethnic group:

Code: 1=Khmer 2=Chinese 3=Cham 4= Vietnamese 5=Other....

2.5 The respondent is the household head? ☐ Yes (If yes go to 2.8) ☐ No

2.6 If no, what is the relationship with the household head? Name:

2.7 Age:

Sex: Male ☐

Female ☐

2.8 Fill H\H head status in the box below (multi answers)

1= Aged (From 60 years old and older) 2=Widow 3=Disabled 4=Landless

5=Poor (monthly income less than \$14 per h/h) 6=Loss agricultural land over 10%

7=Relocated household to resettlement site

III. SOCIOECONOMIC PROFILE OF AP:

3.1 How many members are in the household?

If there is more than one family, who are living in that house, give all.

No	Relat. with HH/Head (code)	Sex 1=M 2=F	Age	Literate 1=No 2=Yes	School Attending 1=No, 2=Yes	No. of grade Completed Education	None Farm Labour 1=No 2=Yes	Farm Labour 1=No 2=Yes	Occupation					
									1 st		2 nd		3 rd	
									Code	1=Self 2=Other	Code	1=S 2=O	Code	1=S 2=O
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
1														
2														
3														
4														
5														

No	Relat. with HH/Head (code)	Sex 1=M 2=F	Age	Literate 1=No 2=Yes	School Attending 1=No, 2=Yes	No. of grade Completed Education	None Farm Labour 1=No 2=Yes	Farm Labour 1=No 2=Yes	Occupation					
									1 st		2 nd		3 rd	
									Code	1=Self 2=Other	Code	1=S 2=O	Code	1=S 2=O
6														
7														
8														
9														
10														
11														

Code II: 1 =Self 2=Spouse 3=Son/Daughter 4=Parent
 5=Relative 6= other (specify).....

Code X, XII and XIV:

00	None or Unable to work	10	Construction Worker	20	Fishman
01	Petty trader	11	Garment factory worker	21	Livestock Raising
02	Food processing for sale	12	Credit provider/ Money exchange	22	Non timber forest products
03	Hotel/tourism/restaurant	13	Motor transporter	23	Casino worker
04	Hair cut/dresser	14	Taxi driver	24	Private/NGO staff
05	Wedding host	15	Agricultural labourer	25	Pupil/Student
06	Market trader	16	Non agricultural labourer	26	Other (specify)
07	Machinery/Vehicle mechanic	17	Government officer	27	Other (specify)
08	Electrician	18	Manufacturer/Craftsman	28	Other (specify)
09	Battery charging	19	Farmer	29	Other (specify)

3.2 Household Assets:

3.2.1 Agricultural equipments:

Equipment types	Number	Total Cost	Equipment types	Number	Total Cost
Oxcart			Tractor		
Plow			Hand tractor		
Harrow			Rice mill machine		
Water pump			Other.....		

3.2.2 Other Assets:

Equipment types	Number	Total Cost	Equipment types	Number	Total Cost
Bicycle			VCR/VCP		
Motorbike			Sewing machine		
Bamboo rail			Electric Pot		
Car			Fan		
Pickup			Air conditioner		
Minivan			Washer		
Truck			Refrigerator		
Boat without engine			Telephone		
Boat with engine			Generator		

Equipment types	Number	Total Cost	Equipment types	Number	Total Cost
Radio/Cassette Player			Other (specify)		
TV			Other (specify)		

3.2.3 Livestock:

Type of livestock	Total Number		Sales of Livestock in 2011	
	Qty	Value in Riels	Qty	Value in Riels
Oxen				
Buffalo				
Pigs				
Horses				
Chickens				
Ducks				
Other (spec.).....				

3.2.4 Trees:

Code Trees and Crops:

1=Bamboo	2=Banana	3=Coconut	4=Tamarind	5=Chan Kiri
6=Ampil Teuk	7=Deum Chan	8=Kamping Reach	9=Kantuot	10=Khvet
11=Jack Fruit	12=Korki	13=Kor	14=Krasang	15=Mkak
16=Longan	17=Pring	18=Jujube	19=Sdau	20=Plum
21=Soda	22=Grapefruit	23=Custard apple	24=Sour sop	25=Guava
26=Teuk Dos Kou	27=Acacia/Eucalyptus	28=Lemon	29=Mango	30=Orange
31=Papaya	32=Sugarcane	33=Sugar Palm	34=Cashew	35=Other.....

No	Tree types	Unit	Total Qty	Income in 2007 (Riel)	No. Affected	Compensation (Dollar)
1						
2						
3						
.						
..						
10						

3.2.5 Land and Agricultural products:

A. Land ownership:

Land type	Area, m ²			
	Total	Self use	Rent out	Rent in
Rice field				
Orchard				
Commercial				
House Plot				
Other (specify)				

B. Affected land:

Land type	Total, m ²	Affected area, m ²					Compensation
		Size	%	Ownership	Rent in	ROW	Dollar
Rice field							
Orchard							
Commercial							
House Plot							
Other (specify)							

C. Agricultural production (all land):

Crop	Area grown, m2		Amount harvested, Kg	Yield per ha, Kg	Sold at market, Kg	Unit price Riel/Kg	Product cost, Riel	Farming Expend Riel	Gross Return, Riel
	Own	Rent in							
Dry rice									
Wet rice									
Vegetable									
Other crop ...									

3.2.6 House and other Structures:

A. House and other Structure characteristic

A1. Roof: Wall: Floor: Column:
 No. Story: No. Room: Total area of structure:m²
 Structure type: Quality: Consumption:

A2. Roof: Wall: Floor: Column:
 No. Story: No. Room: Total area of structure:m²
 Structure type: Quality: Consumption:

A3. Roof: Wall: Floor: Column:
 No. Story: No. Room: Total area of structure:m²
 Structure type: Quality: Consumption:

Construction material code:

1=Temporary Material 2=Thatch 3=Tin / Fibro/ Plastic Sheet 4=Wood
 5=Bamboo 6=Roofing Tile 7=Floor Tile 8=Mortar
 9=Concrete 10=Earth 11=Metal 12=Brick
 13=Palm/Coconut tree 14=Others (spec.):

Structure type code: 1=Temporary 2=Semi Permanent 3=Permanent

Structure quality code: 1=Very old 2=Old 3=New 4= Luxury

Consumption code: 1=House 2=Bathroom 3=Kitchen 4=Pigsty
 5=Grange 6=Store-room 7=Warehouse 8=Shop
 9=Stall 10=Toilet 11=Animal stable 12=Garage
 13=Restaurant 14=Office 15= Craft / Workshop 16=Others (spec.):

B. If House and other Structures affected, Complete the following questions

- B1. Was your structure affected by the project? ☐ No (skip to Q.C) ☐ Yes
- B2. Effected structure area: (A1) m² Compensation: Dollar
 (A2) m² Compensation: Dollar
 (A3) m² Compensation: Dollar
- B3. Does the effected structure belong to you? ☐ No ☐ Yes (skip to Q.C)
- B4. If no, do you rent the house? ☐ No (skip to Q.C) ☐ Yes
- B5. If yes, how much do you pay per month? Riels (converts to dollar)

C. Other Immovable Assets:

No	Immovable Assets Type	Size/No.	Size/No. Affected	Compensation (dollar)
1	Digging well			
2	Concrete well			
3	Pumped well			
4	Timber post with bamboo / LM	L: .....m2	L: .....m2	
5	Timber post with wire / LM	L: .....m2	L: .....m2	
6	Concrete post with wire / LM	L: .....m2	L: .....m2	
7	Brick Wall, 100mm / LM	L: .....m2	L: .....m2	
8	Brick Wall, 200mm / LM	L: .....m2	L: .....m2	
9	Wooden bridge	..... m2	..... m2	
10	Concrete bridge	..... m2	..... m2	
11	Mortar	..... m2	..... m2	
12	Culvert (Ø: .....X....)	..... piece	..... piece	
13	Water supply system	..... m	..... m	
14	Other (specify)			
..				
..				
..				
Grand Total				

3.3 What are the main sources of cash income in your household?

- 1st 2nd 3rd 4th
- 1 = Wages or salary 2 = Trading 3 = Tourist/hotel/casino/restaurant
 4 = Equipment renting 5 = House / Land renting 6 = Transportation
 7 = Fishing 8 = Livestock 9 = Manufacture/Crafts
 10 = Agricultural production 11 = NTFP 12 = Construction labour
 13 = Factory labour 14 = Remittance from HH member working away
 15 = Other (specify)..... 16 = Other (specify).....

3.4 How much the total cash/cash equivalent income from these activities in Last Year?

1st Riels 2nd Riels
 3rd Riels 4th Riels
 Total: Riels (convert to USD:)

3.5 Expenses:

Annual expenseRiel converts to USD:

3.5.1 Daily expense (recently expense):

Item	Unit	Price per unit/Riel	Total price/Riel
Rice			
Food (fish, meat, vegetable, and spices).			
Snack			
Wood/charcoal/fuel/gas			
Other (spec.).....			
Total:			
Annual total (365 days)			

3.5.2 Monthly expense:

Item	Unit	Price per unit/Riel	Total price/Riel
Cosmetics (perfume, powder, and soap).			
Health (drug, treatment fee).			
Water			
Electricity power			
Other service			
Gasoline			
Other (spec.).....			
Total:			
Annual total (12 months)			

3.5.3 Yearly expense:

Item	Unit	Price per unit/Riel	Total price/Riel
Clothes			
Education (material, tutoring, and meals at school)			
Furniture			
House repairing			
Ceremonies/marriages			
Entertainment/travel			
Other (spec.).....			
Annual total:			

3.6 Credit:

3.6.1 Did you receive a credit in the last one year? ☐ No (skip to Q. 3.6.4) ☐ Yes

3.6.2 If yes, please fill the table below:

When did you borrow money? Month/year	Credit Amt. (Riel)	From Whom (Code)	Interest rate %	Amt repaid cash (Riel)	Amt repaid in rice (Riel)	Repay In Labour (Riel)

Code: 1 = Govt. /Bank
4 = Credit provider

2 = NGOs / Society
5 = Relative

3 = Landlord / traders
6 = other (specify).....

3.6.3 What did you use this money for (**multi answers**)?

- | | | |
|--|----------------------------------|---------------------|
| 1 = Food consumption | 2 = Health care | 3 = Schooling costs |
| 4 = Building/Repairing house | 5 = Ceremony/Wedding | 6 = Farming |
| 7 = Business improving | 8 = Supporting to family members | |
| 9 = To meet cost caused by the Project | 10 = other (specify)..... | |

3.6.4 Do you need a credit for a specific purpose in the future? ☐ Yes ☐ No

3.6.5 If yes, what purpose (**multi answers**)?

- | | | |
|--|----------------------------------|---------------------|
| 1 = Food consumption | 2 = Health care | 3 = Schooling costs |
| 4 = Building/Repairing house | 5 = Ceremony/Wedding | 6 = Farming |
| 7 = Business improving | 8 = Supporting to family members | |
| 9 = To meet cost caused by the Project | 10 = other (specify)..... | |

3.7 Education:

3.7.1 How many children in household is primary school age (6-11)?

3.7.2 How many children in household attend primary school?

3.7.3 If children of primary school age, not attending school, main reason for non attendance?

- | | | |
|--------------------------------|----------------------------------|-------------------------------------|
| 1 = Cannot afford school costs | 2 = Have to help in business | 3 = Takes too long to get to school |
| 4 = As a result of the Project | 5 = Work on project construction | 6 = other (describe)..... |

3.7.4 How many children in household is lower secondary school age (12-14)?

3.7.5 How many children in household attend lower secondary school?

3.7.6 If children of lower secondary school age, not attending school, main reason for non attendance?

- | | | |
|--------------------------------|----------------------------------|-------------------------------------|
| 1 = Cannot afford school costs | 2 = Have to help in business | 3 = Takes too long to get to school |
| 4 = As a result of the Project | 5 = Work on project construction | 6 = other (describe)..... |

3.8 Living condition:

Water source:

3.8.1 Drinking/cooking: Washing/bathing.....

- | | | | |
|-----------------|--------------|-------------------|--------------------------|
| 1= Stream/river | 2= Lake/pond | 3= Protected well | 4 = Unprotected well |
| 5= Rain water | 6= Buying | 7= Waterworks | 8 = other (specify)..... |

3.8.2 If buying from vendor, how much it cost per day? Riels

3.8.3 If you collect by yourself, how much time you spend to do so? minutes

3.8.4 Is the drinking water clean? ☐ Yes ☐ No

3.8.5 Is the drinking water boiled? ☐ Yes ☐ No

Sanitation:

3.8.6 Do you have a pit latrine? ☐ Yes ☐ No

3.8.7 Is there near your house:

Proper rain water drainage ☐ Waste water drainage ☐ An open drain ☐

Energy source:

3.9.7 Lighting:

Cooking:

1 = None

2 = Fire wood

3 = Private generator

4 = State Electricity

5 = Battery

6 = Charcoal

7 = Gas / Kerosene

8 = Torch/Rubber

9 = Other (specify).....

3.10 Health:

3.10.1 If a household member is ill, where do you get treatment?

1 = Clinic/hospital

2 = Village doctor village

3 = Traditional healer

4 = Local pharmacist or drug shop

5 = No treatment

6 = other (sp.).....

Who?	Where? (code)
Male of household head	
Spouse/Female of household head	
Child	
Baby/infant (under 5 years)	

3.10.2 How long do they need to reach facility service as below?

	Average Distance (m)	Mode (Code)	Cost (Rs)		Time (Minutes)	
			D/S	W/S	D/S	W/S
Private Clinic						
Drug shop						
Pharmacy						
Health Centre						
Referral(or District) hospital						
Provincial/Municipality hospital						
Doctor						
Trained midwife						
Traditional birth attendant						
Traditional healer						

Mode code: 1 = Walk 2 = Bicycle 3 = Motorbike 4 = Car 5 = Tractor/Hand tractor

6 = Ox-cart

7 = Bamboo rail

8 = Boat

9 = Other (specify).....

3.10.3 What are the three most important problems with the public health services for the people in this village?

1 = Lack of beds, Equipment

2 = Not enough medicine, drugs

3 = Poor quality of service

4 = No physician medical

5 = No midwife

6 = High price

7 = Long distance

8 = Unsanitary health facilities

9 = Unhelpful staff

10 = Other (Describe).....

12.3.1 Most important

12.3.2 Second important

12.3.3 Third important

IV. AP KNOWLEDGE, ATTITUDE, RESPONSE AND EXPERIENCE:

4.1 Public Information

4.1.1 How did you learn about the project?

Information in the press ☐

Information by the TV/Radio ☐

Information by word of mouth ☐

Information from Local Authorities ☐

Information in Public meeting ☐

Other ☐

4.1.2 Have you received the information booklet? 1= No (>> Q. 4.1.5), 2= Yes ☐

4.1.3 Have you read and understood it? 1= No (>> Q. 4.1.5), 2= Yes ☐

4.1.4 Did you have any questions or worries about what the booklet tells you?

1- (spec.)

2- (spec.)

4.1.5 Do you know what size of COI will take place (in meters)?

No ☐ Yes ☐ Left:m Right:m

4.1.6 Was affected area by the project shown to AHs by pegging out alignments? ☐

0= don't know 1=No 2=Yes

4.2 Measurement

4.2.1 Did IRC WG give a notice?

☐ Time arrangement to APs for conducting DMS

☐ Cut off date

4.2.2 Have you been told about measurement of your affected properties? ☐

1= No 2 = Yes

4.2.3 Did you understand about the measurement of your affected properties? ☐

1= No 2 = Yes

4.2.4 What do you think about measurement result of your properties? ☐

0= Don't Know 1=Not correct 2=Yes, correct

4.2.5 Which part of your properties will be affected? (Multi answers) ☐

1=House plot 2=Commercial land 3=Agricultural land 4=House
5=Shop / Restaurant 6=Stall 7= Kitchen and Bathroom
8= Parking / Storage 9= Craft / Workshop 10=Well 11=Pond
12=Fence 13=Trees / Crops 14=other (spec).....

4.3 Compensation

4.3.1 Are you entitled to receive compensation? ☐
0 = Don't Know 1= No 2 = Yes

4.3.2 Which compensation option do you prefer? ☐
0 = don't know 1 = In Kind 3 = In cash 4 = In both

4.3.3 How much do you get the compensation in compare to the value of your properties?

0=No answer
 1=Less than the cost of building new properties
 2=equal the cost of building new properties
 3=More than the cost of building new properties
 4=other (spec).....

4.3.4 Can you restore your properties with the compensation?

0=No need to restore 1=Not enough to restore 2=Yes, enough to restore

4.3.5 Did you have any problem to build a new house (in case relocation)?

1= No 2=Yes

4.3.6 If yes, please state the problem:

4.3.7 Did you have any problem to get correct compensation?

1 = No 2 = Yes

4.3.8 If yes, please state the problem:

4.3.9 How was the process conducted?

Process	Public		Individual	
	Free	Under pressure	Free	Under pressure
Negotiation & contract making				
Payment				

4.4 Relocation

4.4.1 What kind of properties do you have to move? **(Multi answers)**

0=No **(skip to 4.5)** 1=House plot 2=Commercial land
 3=Agricultural land 4=House 5=Shop / Restaurant 6=Stall
 7= Kitchen/Bathroom 8= Parking / Storage 9= Craft / Workshop 10=Well
 11=Pond 12=Fence 13=Trees / Crops 14=other (spec).....

4.4.2 Do you have land for moving your properties? 1 = No 2 = Yes

4.4.3 Can you purchase land to replace your affected agricultural land?

1 = No need 2 = No, can not 3 = Yes, can

4.4.4 Can you purchase land to replace your affected house plot?

1 = No need 2 = No, can not 3 = Yes, can

4.4.5 Who help/will help with acquiring land?

1 = No body 2 = Project 3=Local authority 4=Land concession

4.4.6 Do you have enough time for moving your properties?

1 = No 2 = Yes

4.4.7 Who has told you to move your properties? **(Multi answers)**

1= Police 2=Village/Commune chief 3=District/Provincial officer
 4=Department/Ministry 5=NGO/Civil society 6=other (spec).....

4.4.8 How do you felt with this relocation?

0=No answer

1=Bad

2=Good

3=Very good

4.4.9 If answer 1, 2 or 3 please give the reason:

4.4.10 Which kind of the relocation that you prefer?

0 = I don't know

1 = Self relocate with project assistance/cash compensation

2 = On existing site relocate 3 = Relocate to selected site by the project 4=Other

4.5 Grievance procedures

4.5.1 Do you have rights to complain or to ask for intervention when you have got problems by the project?

0=No answer (skip to 4.6)

1=No (skip to 4.6)

2=Yes

4.5.2 If yes, how do you complain or consult? 1=by speaking 2=by writing

4.5.3 Whom do you consult with?

0 = I don't know

1 = Local authorities

2 = IRC working group

3 = Court

4 = Grievance committee 5 = NGO

6 = Powerful man, name

7 = other (spec.).....

4.6 AP attitude to the project

4.6.1 What do you think about the project?

0 = No answer

1 = Bad

2 = Good & Bad

3 = Good

4 = Very good

4.6.2 If good/very good, rank the 3 following statements in the boxes:

Improve good transportation

Improve travel of local people

Improve travel of tourist

Improve industry/handicraft

Improve living condition

Improve access to school

Improve income in family

Create more job

Reduced daily expenditures

Flood prevent

Improve agricultural product

Improve local product marketing

Others (spec.)

4.6.3 If you think there are some bad things about the project, rank 3 following statement in the boxes:

Increase daily expenditures

Loss of good trading site

Increase accident

Worsen people farming

Loss house / shop

Loss of land use

Worsen access to school

Environmental impact

Decrease household income

Destroys facilities

Loss occupation

Worsen people health condition

Makes people migrate away

other (spec.)

Annex 4 – Topic List/Main Question for FGI and Key Informant Interviewing

The tools is prepared to monitor and evaluate the activities of project and resettlement officer on consultation and participation process, public information dissemination to AHS, detailed measurement survey process and its results, compensation process (negotiation, contract making and payment), AP participation in relocation/ resettlement and grievance process.

MEETING I:

1. Information, Consultation and Participation

- 1.1 How did you learn about the project?
- 1.2 How did you learn about impact and resettlement/compensation?
 - Was there a public meeting to inform you?
 - At the meeting were you told about:
 - Impact on land and structures?
 - Compensation?
 - Relocation?
 - Income restoration?
 - Grievance mechanism?
 - Was the public meeting a satisfactory way of telling you about the expected impact and resettlement/compensation/relocation measures and grievance system?
 - Did everyone understand?
 - Was there an information booklet to inform you about the expected impact and resettlement/compensation/relocation measures and grievance system?
 - Did it provide you with all the information you needed?
- 1.3 What do you remember from the public meeting and information programme?
 - About the project: Project background and implementation schedule and COI; Benefit and Impact of the project.
 - AP Entitlement: in compensation, relocation/resettlement and grievance procedure;
 - Replacement cost study: the procedure of the study, compensation rate at market price and AP or other stakeholder would be involved in the study?
- 1.4 If the public meeting and booklet were not satisfactory or did not sufficiently inform everyone about the project;
 - about expected impact
 - resettlement

- compensation
 - relocation measures
 - grievance system
- 1.5 What additional action should be taken to make sure everyone is clearly informed?
 - 1.6 Who should be responsible?
 - 1.7 Other issues and Recommendation from AP or other stakeholders.

2 Detailed Measurement Survey (DMS)

- 2.1 Number of the working group? Which department or ministry they come from? Are there EMO or any NGO involved in this process?
- 2.2 The schedule of DMS implementation: did the IRC give?
 - Cut off date.
- 2.3 Is the measurement procedure correct or not? If not, why?
- 2.4 Were there any AHs not present and so not registered in the DMS? What was done about them?
- 2.5 Has working group registered all APs? If not, why?
- 2.6 Has the WG given a record of affected assets to owner (AP)?
- 2.7 Are AHs sufficiently aware about the DMS process such as type of lost assets, size ...etc?
- 2.8 Other issues and Recommendation from AP or other stakeholder about the DMS process.

MEETING II:

3. Resettlement Plan and Restoration of losses.

- 3.1 Do you think the standard of living of AHs will be/have been restored or improved?
- 3.2 Do you think that rehabilitation measures and compensation are sufficient and comply with the ADB Policy on Involuntary Resettlement?
- 3.3 What are the potential problems?
- 3.4 What methods of responding immediately to mitigate problems are available to the community or to AHs?
- 3.5 Are all AHs covered under the RP and they are all eligible for compensation, resettlement and rehabilitation assistance, irrespective of tenure status?
- 3.6 What problems are likely to/have faced AHs in land acquisition and transfer procedures?
- 3.7 What problems are reconstruction and relocation likely to cause to AHs?

- 3.8 Grievance redress mechanism (documentation, process, resolution).
- 3.9 Do you think that there will be Resettlement impacts caused during construction activities?
- 3.10 Will the timing of disbursement of payment and documentation DMS and payments meet the needs of AHs;
- 3.11 Will the level of compensation to AHs be sufficient to cover their losses?
- 3.12 Will AHs be able to restore/re-establish livelihoods and living standards?
- 3.13 What special attention should be given to severely affected APs and vulnerable APs?
- 3.14 Can the village leader/development committee help to find out and to help the vulnerable AHs?
- 3.15 Will anyone migrate/has anyone migrated as a result of the project?
- 3.16 Has this migration helped the household?
- 3.17 If yes, how?

4 Compensation Process

A. Negotiation and Contract Making:

- 4.1 How was negotiation and contract making process conducted? (in Public or individual and free or under any pressure).
- 4.2 Were the AHs informed of the schedule for implementation such as place and time?
- 4.3 Number of the working group? Which department or ministry they come from? Are there EMO or any NGO involved in this process?
- 4.4 Have you been informed about cut-off date, compensation rate, other allowance, special assistances and compensation and grievance entitlement?
- 4.5 Main key for negotiation: Type of assets, compensation rate and size or number of affected assets. Did AP have enough time to make decision for signing the contract? Example: to discuss with their family members and spouse.
- 4.6 The total number of AH has agreed to sign the contract with IRC WG. Did AP receive a copy of the contract?
- 4.7 - The total number of AH has not agreed to sign the contract. If not, why? And what action has been taking in place?
 - Were there any grievances/complaints? What were they? How were they resolved?
 - Are there any outstanding grievances? What are they? How are they being resolved?
 - Who has arbitrated or made the final decision? Is this satisfactory to the community?

B. Payment:

- 4.8 How was the payment process conducted, in public or individual? Was it free or under any pressure?
- 4.9 Number of the working group? Which department or ministry they come from? Has the EMO or NGO involved in this process?
- 4.10 Was there any unusual payment, such as paying more or less than the amount in the contract? If yes, what are the reason and the resolution?
- 4.11
 - Has any AH not received the payment? If yes, why and how was the resolution?
 - Were there any grievances/complaints? What were they? How were they resolved?
 - Are there any outstanding grievances? What are they? How are they being resolved?
- 4.12 With the compensation amount, can AH restore their assets and livelihood?
- 4.13 Other issues and Recommendation from AP or other stakeholder.
- 4.14 Select random samples from DMS list. Check its results and total amount of compensation by comparing with Replacement Cost Study Rate and Entitlement for Compensation that was set up in RP:
 - Land: affected land size, type (agricultural, residential ...), ownership (private or ROW), unit price and total amount of compensation.
 - House & other structures: affected structure size, type, ownership (owner, tenant or community), unit price and total amount of compensation.
 - Crops and Trees: number, type, ownership (private or community), unit price and total amount of compensation.
 - Other allowances and assistances.

MEETING III:

5 Summary Grievance Process

- 5.1 Grievance committee: Who and which organization they come from? Who organizes or authorizes them?
- 5.2 Grievance procedure:
 - Tabulate according to: Were there any grievances/complaint? What is the problem? Who was AP complaint to? When was the complaint? How many days was the problem solved after the complaint takes in place?
 - Tabulate according to: How was the resolution solved, it was free or under any pressure? Who was solved the problem for AH?
 - Tabulated according to: Are there any outstanding grievances? What are they? How are they being resolved? Have some intervention from any stakeholder?

- 5.3 Who has arbitrated or made the final decision? Is this satisfactory to the community? Is it in accordance with the Law? Is it in accordance with ADB or national Guidelines?
- 5.4 Tabulate according to: total number of complaint has been taken in place. What kind of complaint? (Tabulate) The total number of complaint has been solved and not yet solved. If not yet solved, why? When will the complaint be proceeded with?
- 5.5 Other issues and Recommendation from AP or other stakeholder.

6 Access to infrastructure, facility or service

- 6.1 Access road, market, school, health centre, drinking water supply, sanitation.
- 6.2 Employment opportunity, access to market for petty trading, processed food?

7 NGO and Community base

- 7.1 Participation and assistance Village headman, village development committee, commune council, commune chairman, Community Fisheries, Forestry, Farmer Water User Group, credit group, health or funeral insurance group.
- 7.2 Local NGOs - list by name and function and importance ranking;
International NGOs – list by name, function and importance ranking.

8 Gender strategy and issue

- 8.1 Nature and recognition of problems of women headed households.
- 8.2 Women's participation in communal decision making and leadership:
- Consultation for preparation of RP;
 - Consultation for planning of relocation, resettlement site;
 - Consultation for house, house plot, agricultural land and other assets Restoration/compensation;
 - Consultation for livelihoods restoration;
 - Access to and participation in livelihood restoration measures, including training, credit, job finding, job creation, market development.