



# Social Monitoring Report

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## PRC: Yunnan Pu'er Regional Integrated Road Network Development Project-Ning'er-Jiangcheng- Longfu Road Subproject

Prepared by Hohai University for the Yunnan Pu'er Municipal Government and the Asian Development Bank

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**Asian Development Bank**

ADB-financed Yunnan Pu'er Regional  
Integrated Road Network Development Project

**Yunnan Pu'er Regional Integrated Road Network Development  
Project——  
Ning'er–Jiangcheng–Longfu Highway Subproject**

External Resettlement Monitoring and Evaluation Report  
(No.2)

Hohai University

April 2017

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## ABBREVIATIONS

ADB	-	Asian Development Bank
AH	-	Affected Household
AP	-	Affected Person
DMS	-	Detailed Measurement Survey
FGD	-	Focus Group Discussion
HD	-	House Demolition
LA	-	Land Acquisition
M&E	-	Monitoring and evaluation
PMG	-	Pu'er Municipal Government
PMO	-	Project Management Office
PMTB	-	Pu'er Municipal Transport Bureau
PTIG	-	Pu'er Transport Investment (Group) Co., Ltd.
RIB	-	Resettlement Information Booklet
RP	-	Resettlement Plan

## Units

Currency unit	=	Yuan (CNY)
1.00 yuan	=	\$0.15
1 hectare	=	15 mu

# 1 Summary

## 1.1 Introduction to the Project

Located in southwestern Yunnan Province, Pu'er City has a land area of 45,000 km<sup>2</sup>, being the largest prefecture/city in Yunnan, and governs 9 counties, one district and 103 townships, with a population of 2.546 million, in which minority population accounts for 61%. Pu'er is the only prefecture/city of China bordered by Vietnam, Laos and Myanmar, with a border line of 486 kilometers, enjoying superior traffic and geographic advantages.

In order to promote the city's economic and social development, the Pu'er Municipal Government (PMG) plans to upgrade and reconstruct the existing transport infrastructure, and has thereby proposed the Yunnan Pu'er Regional Integrated Road Network Development Project (the "Project").

The Project aims to improve regional cooperation and trade development in Pu'er City, and traffic conditions in rural and frontier areas of Pu'er City. The Project has three outputs: 1) Regional Roads Development; 2) Rural Access Improvement; and 3) Institutional Development.

- **Output 1: Regional Roads Development:** This comprises (i) upgrading and new construction of 228 km of class III/IV/III highway between Ning'er–Jiangcheng–Longfu; (ii) upgrading and new construction of the 48.75 km Menglian to Meng'a section of the Lancang–Menglian–Meng'a class III/IV border road mainly to class II standard; (iii) development of trade facilities at the Meng'a Material Transit Centre (MTC); and (iv) improving the safety of these roads by introducing safety measures determined by the ChinaRAP road safety design decision-making tool.
- **Output 2: Rural Access Improvement:** This will provide all-weather access to administrative villages and links with higher level roads. It comprises (i) upgrading to class IV standard of 600 km of village earthen or gravel roads selected in accordance with the rural road assessment criteria, (ii) spot improvements on up to 1,200 km of connecting lower level village roads, (iii) introduction of five new village bus service routes on a pilot basis, and (iv) a gender focused rural road maintenance program.
- **Output 3: Institutional Development:** This will address the limited implementation capacity of PMG. A project management consultant will assist the PMG to implement and monitor the project in accordance with ADB procedures. The project will finance a 3-year program of international and domestic training in financial and project management, road maintenance engineering, road maintenance practices, road safety, environmental management, social safeguards management, and human, drugs and wildlife trafficking enforcement.

ADB approved the ordinary fund loan of \$200 million on December 8, 2014, and signed the loan agreement on June 25, 2015. The loan took effect on October 20, 2015, and the closing date is June 30, 2021.

Table 1-1 Basic Information of the Project

1	Country	People's Republic of China (PRC)
2	Loan No.	LOAN 3217-PRC
3	Project	Yunnan Pu'er Regional Integrated Road Network Development Project
4	Effective date of loan	October 20, 2015
5	Closing date of loan	June 30, 2021
6	Borrower	Ministry of Finance of the PRC
7	Executing agency	PMG
8	Implementing agency	PMTB
9	Loan amount	\$200 million
10	Last ADB mission	December 5-12, 2016

## 1.2 The Subproject and Resettlement Impacts

### 1.2.1 The Subproject

The Ning'er–Jiangcheng–Longfu Highway is a subproject of the Project (hereinafter, the “Subproject”).

The Ning'er–Jiangcheng–Longfu Highway begins with K3+800 north of Ning'er Town, and ends with the No.3 China-Vietnam Boundary Marker, with a full length of 228.078km. The segment from the starting point to Laozhaozhai (25.136km) has a design driving speed of 40kph and a roadbed width of 8.5m, and the segment from Laozhaozhai to the endpoint (202.942km) has a design driving speed of 30kph and a roadbed width of 7.5m (where the KM231+706.30~KM234+069.52 segment has a roadbed width of 12 m).

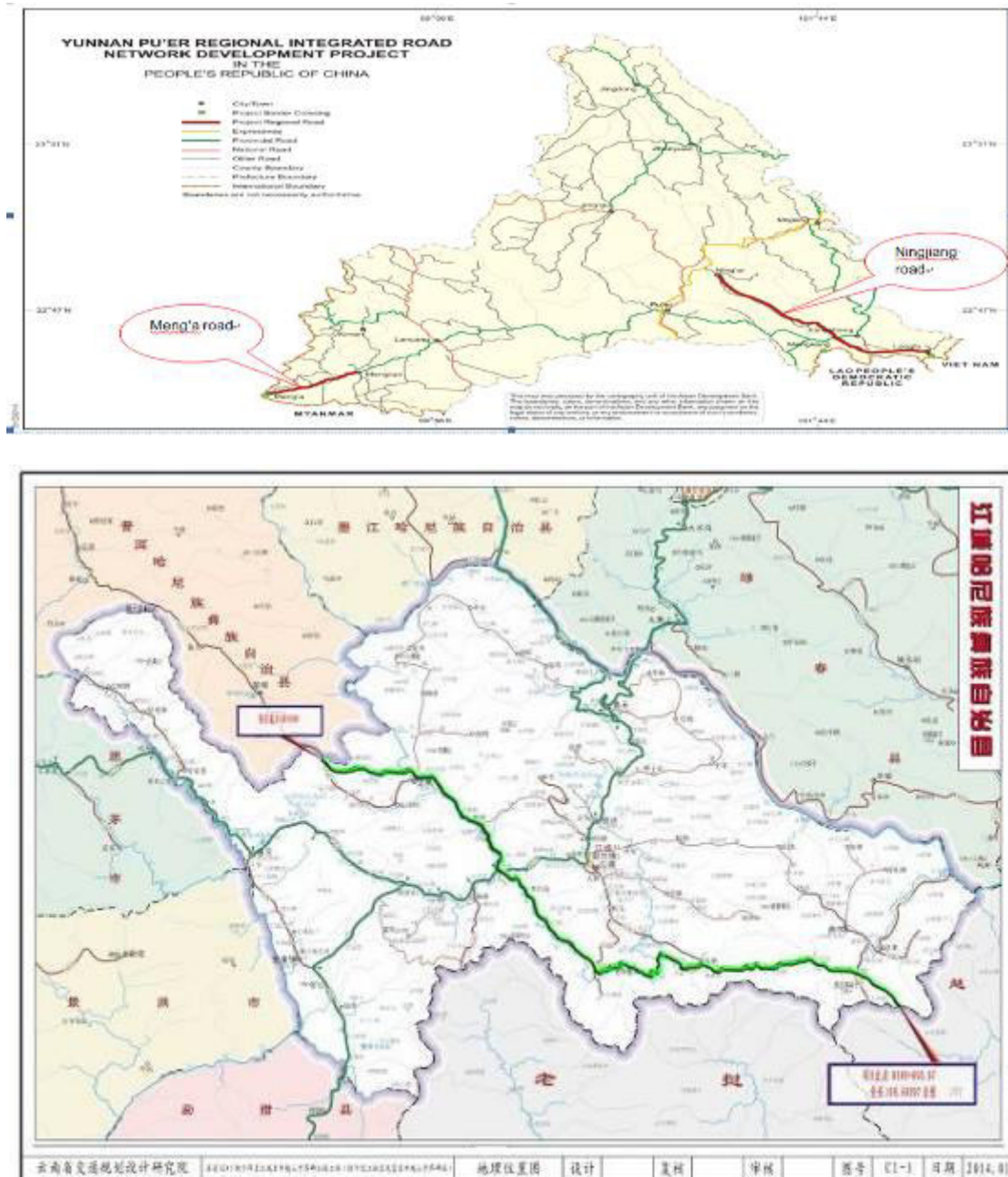


Figure 1-1 Route Map of the Subproject

### 1.2.2 Resettlement Impacts

According to the RP approved by ADB in October 2015, 23 villages in 6 townships in Ning'er and Jiangcheng Counties, Pu'er City will be affected by LA and HD for the Subproject, in which 17 villages are affected by both LA and HD, and 6 affected by LA only.

2,245.554 mu of rural collective land will be acquired permanently, 970.808 mu of state-owned land occupied and 150 mu of land occupied temporarily.

Residential houses of 25,069.38 m<sup>2</sup> will be demolished, all being rural residential houses, affecting 315 households with 1,178 persons, including 15,245.02 m<sup>2</sup> in masonry concrete structure (60.81%), 6,923.02m<sup>2</sup> in masonry timber structure (27.62%) and 2,901.34m<sup>2</sup> in simple structure (11.57%).

In sum, 1,620 households with 8,729 persons will be affected by LA and HD for the Subproject, in which 1,305 households with 7,551 persons will be affected by LA only, 79 households with 301 persons by HD only, and 236 households with 877 persons by both LA and HD. See Table 1-3.

Table 1-2 Summary of Resettlement Impacts of the Project

Item	Unit	Subtotal
Collective land acquisition	mu	2245.554
State-owned land occupation	mu	970.808
Temporary land occupation	mu	150
Demolition of rural residential houses	m <sup>2</sup>	25069.38
Demolition of urban residential houses	m <sup>2</sup>	0.00
Affected population	HH	1620
	Person	8729
—LA only	HH	1305
	Person	7551
—HD only	HH	79
	Person	301
—Both LA and HD	HH	236
	Person	877

### 1.2.3 Changes of Resettlement Impacts

Paragraph 32 on “LA and resettlement” in ADB Loan Review Memorandum (December 2016) states, “The ADB mission is seriously concerned about the increase of the LA area in the former RP<sup>1</sup> from 2,219 mu to 5,900 mu, and suggests that the Pu'er PMO update the former RP based on the construction design.” For this reason, the Pu'er PMO reviewed the Subproject's LA and HD impacts together with the design agency, Ningjiang Highway Construction Headquarters, Ning'er and Jiangcheng County LA and HD Management Offices, and township governments concerned, and updated the former RP on this basis to protect the APs' lawful rights and interests.

From June to November 2016, the Ningjiang Highway Construction Headquarters, and the Ning'er and Jiangcheng County LA and HD Management Offices re-measured the land used for the Subproject based on the reviewed construction drawings. In December 2016, the Pu'er PMO reviewed the Subproject's resettlement impacts in the 6 affected townships in Ning'er and Jiangcheng Counties, and conducted a field survey on all construction sites.

The Pu'er PMO submitted the updated report to ADB in February 2017, but it has not been approved by ADB.

The updated RP of the Subproject indicates that the Subproject's resettlement impacts are as follows:

- 1) 6,101.9 mu of rural collective land will be acquired, 3,882.7 mu more than the former RP; the number of AHs rises by 1,068 while the affected population drops by 319;

<sup>1</sup>This RP was submitted to ADB and approved in October 2015.



2) Rural houses of 40,131.38 m<sup>2</sup> will be demolished, 15,062 m<sup>2</sup> more than the former RP; the number of AHs and the affected population rise by 9 and 64 respectively;

3) Due to the substantial growth of collective land, the resettlement budget is now 341.209 million yuan, 233.093 million yuan more than the former RP.

See **Appendix 7**.

### 1.3 External Resettlement M&E

#### 1.3.1 Basis

The basis for M&E of the Subproject includes:

- Applicable state laws and regulations
- ADB's Safeguard Policy Statement (June 2009)
- RP approved by ADB (October 2015) and the updated RP<sup>2</sup> (February 2017)
- M&E contract
- Terms of reference for resettlement M&E
- Other documents related to the Subproject

#### 1.3.2 Scope

This report is the No.2 external M&E report of the Subproject, and aims to sum up the resettlement work of the Subproject as of December 31, 2016, find out issues in resettlement and propose solutions accordingly. This report covers: 1) LA and resettlement implementation; 2) temporary land occupation; 3) production development; 4) HD and house reconstruction; 5) resettlement measures; 6) fund disbursement, use and management; 7) establishment and operation of resettlement agencies; 8) information disclosure and grievance redress; 9) production level and living standard of APs; and 10) income variation, etc.

#### 1.3.3 Procedure

- Preparing the terms of reference for resettlement M&E
- Sampling plan design
- Baseline survey
- Establishing an M&E information system
- Follow-up survey
- Data compilation and analysis
- Preparing a M&E report

#### 1.3.4 Methods

##### 1) Monitoring methods

**Literature study:** Documents, agreements, statistical reports, etc. on LA, HD and resettlement were referred to and verified.

**Door-to-door interview:** The task force conducted a survey on AHs, covering LA area confirmation, compensation payment, etc. These sample households will be followed up in the next round of M&E until their income is restored.

**FGD:** FGDs were held with the LA and HD agencies, township governments, village committees and AHs to learn information on LA, HD and resettlement. 12 FGDs were held, with 19 participants in total, including 10 women, accounting for 52.6%.

**Key informant interview:** 8 interviews were conducted with heads of the LA and HD IAs, village heads, heads of AHs, women and old people to learn construction and investment progress, public participation, potential issues and suggestions, local socioeconomic profile, etc.

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<sup>2</sup>As of April 2017, the updated RP was still being reviewed.

**Field investigation:** A field investigation was conducted to learn the progress and effectiveness of resettlement, and identify existing or potential issues.

## **2) Evaluation methods**

**Statistical analysis:** A comprehensive statistical analysis was performed on resettlement implementation, including resettlement progress, resettlement planning and completion, fund availability, etc.

**Comparative analysis:** A comparative analysis was performed on the resettlement effect, including horizontal and vertical comparison of production level and living standard.

**Participatory evaluation:** The APs and local residents evaluated the resettlement effect, and gave opinions and advice by means of FGD, questionnaire survey, etc.

### **1.3.5 Scope of this Report**

#### **1) Scope of M&E**

This round of M&E covered the resettlement implementation of the Subproject in Ning'er Town, Liming Xiang, Mengxian Town, Baozang Xiang, Menglie Town and Qushui Town.

#### **2) Time limit of M&E**

The period of this round of M&E for resettlement implementation is from July 1 to December 31, 2016.

## 2 Organizational Structure

### 2.1 Agencies

To ensure successful resettlement as desired, a systematic organizational structure must be established during project implementation in order to plan, coordinate and monitor resettlement activities.

PMG is the executing agency of the Project, responsible for overall project implementation, and PMTB is the implementing agency, responsible for the fulfillment of the outputs and routine project implementation. The Pu'er PMO has been established at PMTB for project coordination and management.

In January 2016, PTIG established the Ning'er–Jiangcheng–Longfu Highway Construction Headquarters as instructed by PMG, responsible for the construction, quality, progress and safety management of the Ning'er–Jiangcheng–Longfu Highway, and the coordination of LA, HD and preparation with the Ning'er and Jiangcheng County Governments.

In June 2016, the Ning'er County LA and HD Management Office was established, responsible for implementing impact registration, compensation calculation and payment, resettlement, etc. for the Subproject. Accordingly, township LA and HD management offices have also been established.

In June 2016, the Ning'er County Subproject Leading Group was established.

In July 2016, the Jiangcheng County LA and HD Management Office was established, responsible for LA and HD work (see Appendix 9).

The agencies responsible for resettlement under the Subproject are as follows:

- Project Leading Group
- PMTB
- Pu'er PMO
- Ningjiang Highway Construction Headquarters
- County subproject leading groups (Ning'er and Jiangcheng)
- County PMOs (Ning'er and Jiangcheng)
- County LA and HD management offices (Ning'er and Jiangcheng)
- Township governments
- Village committees
- Design agency
- External M&E agency

See Figure 2-1.

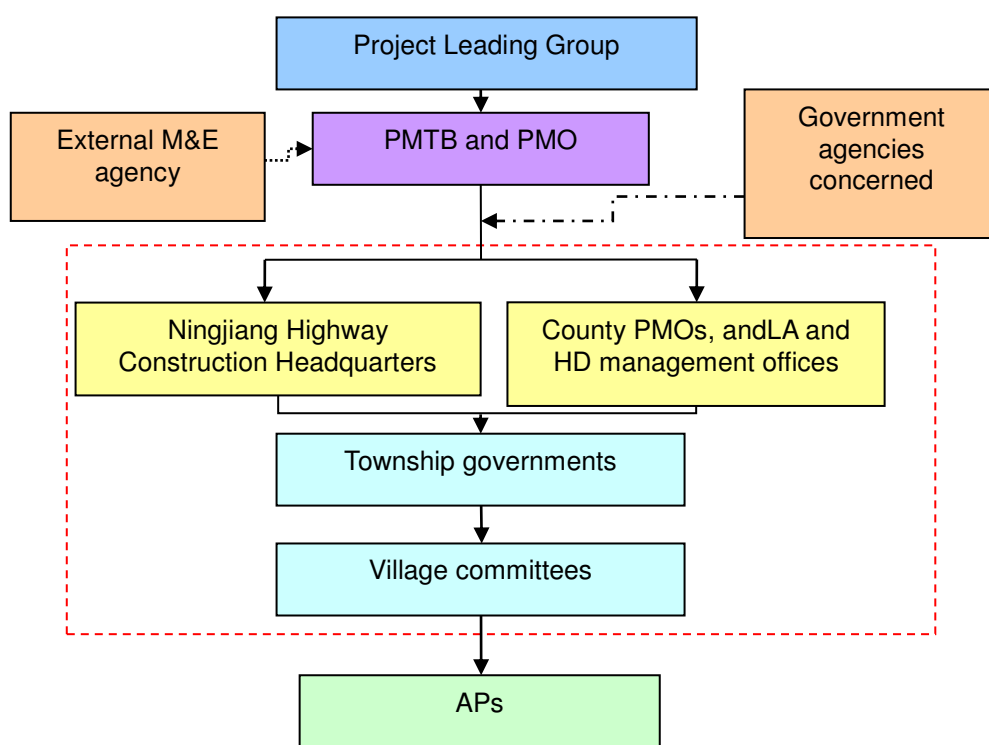


Figure 2-1 Organizational Chart

## 2.2 Staffing and Equipment

In order to facilitate resettlement, the resettlement agencies at different levels have been sufficiently staffed and created unobstructed information flows. These agencies are composed of administrative staff and technicians, with workforces of 3-33. All staff members have certain professional and administrative competencies, and experience in resettlement. See Table 2-1.

Table 2-1 Staffing of Key Resettlement Agencies

Agency	Workforce		Staffing
	Male	Female	
Project Leading Group	3	2	Civil servants
Pu'er PMO	2	2	Civil servants, technicians
Ningjiang Highway Construction Headquarters	33		Civil servants, technicians
Ning'er PMO	2	1	Civil servants, technicians
Jiangcheng PMO	2	1	Civil servants
Ning'er LA and HD Management Office	2	2	Civil servants
Jiangcheng LA and HD Management Office	2	2	Civil servants
Township governments	2	2	Civil servants
Village committees	6	6	Village officials, AP representatives
Design agency	2	1	Engineers
External M&E agency	4-8		Resettlement and social experts

In addition, the resettlement agencies at different levels have fixed offices, sufficient funds, and basic office, transport and communication equipment, including desks and chairs, PCs, printers, telephones, facsimile machines and vehicles. The powerful organizational structure ensures the successful implementation of LA and HD.

In order to strengthen the understanding of ADB's resettlement policy among the staff of the

resettlement agencies, the Pu'er PMO invited ADB resettlement officials to offer relevant training in April 2016, covering domestic resettlement and social policies, resettlement planning, implementation, management and monitoring, etc.



Figure 2-2 Photos of Pu'er PMO Training in April 2016

### 2.3 Evaluation

The task force investigated the operation of the resettlement agencies. The investigation shows that relevant agencies have been established and staffed at the municipal level, and in Ning'er and Jiangcheng Counties.

The Pu'er PMO invited ADB resettlement officials to offer relevant training in April 2016, strengthening the understanding of ADB's resettlement requirements. However, there are still some deficiencies in policy understanding and resettlement practices, such as inadequate internal reporting, information compilation, etc. In addition, since the Subproject involves complex issues in compensation and resettlement, etc., the subproject staff must have sufficient capacity to implement it properly.

In this report period, the organizational setup and staffing for resettlement remained relatively stable, and it is noteworthy that a subproject leading group was established in Jiangcheng County. However, there was no substantial progress in capacity building. In particular, no capacity training was offered for the new resettlement staff in Jiangcheng County, which is adverse to capacity building and resettlement implementation. Therefore, further attention should be paid to this.

In view of this, the task force suggests that the resettlement agencies should further strengthen institutional capacity building to ensure that resettlement is implemented successfully according to the RP approved by ADB, including: 1) offering training to the new resettlement staff in Jiangcheng County as soon as possible, and strengthening policy guidance and learning; 2) keeping the staff of the resettlement agencies stable; 3) strengthening training for their staff involved in LA, HD and resettlement pursuant to the training program under the RP; 4) improving internal management systems, including file, information and fund management; and 4) in particular, regulating file management in resettlement implementation, including hardcopies and electronic files.

### 3 M&E of Resettlement Implementation

#### 3.1 Construction Progress

The Subproject is divided into 10 roadbed packages (NJL-Sub1~NJL-Sub10) and 3 pavement packages (NJL-Pav1~NJL-Pav3), where NJL-Sub6~NJL-Sub10 are fully financed by the government. Ning'er County involves 7 contract packages (NJL-Sub1~NJL-Sub7), with a full length of 130.92km, including the Ning'er Town segment K0+000~K33+000, Mengxian Town segment K33+000~K81+000 and Liming Xiang segment K81+000~K130+915. Jiangcheng County involves 4 contract packages (NJL-Sub7~NJL-Sub10), with a full length of 103.15km, including the Baozang Xiang segment K130+915~K155+900, Menglie Town segment K155+900~K217+941, Qushui Xiang segment K217+941~K234+069.52.

As of December 31, 2016, bidding for all the 10 roadbed packages had been completed, and all contracts entered into. Bidding for the 3 pavement packages will be conducted in Q1 2017, and construction will begin in Q4 2017. See Table 3-1.

Table 3-1 Implementation of Contract Packages of the Subproject

No.	Contract package	Contractor	Starting point	Ending point	Length (Km)	Status	Progress	Remarks
1	NJL-Sub1	Liaoning Transport Construction Group Co., Ltd.	KM0 +000	KM18 +140	17.998	Contract awarded	Under construction	Completed by 8.32%
2	NJL-Sub2	Yunnan Shengdi Transport Engineering Co., Ltd.	KM18 +140	KM35 +000	16.432	Contract awarded	Under construction	Completed by 16.7%
3	NJL-Sub3	Yunnan Jinguang Construction Co., Ltd.	KM35 +000	KM52 +000	11.652	Contract awarded	Under construction	Completed by 10.97%
4	NJL-Sub4	Shenmu Yulinag Construction Co., Ltd.	KM52 +000	KM72 +000	19.69	Contract awarded	Under construction	Completed by 0.08%
5	NJL-Sub5	Jiangxi Hongfa Road & Bridge Construction Co., Ltd.	KM72 +000	KM101 +000	28.959	Contract awarded	Under construction	Completed by 1.87%
6	NJL-Sub6	Heilongjiang Longhua Construction Co., Ltd.	KM101 +000	KM129 +500	24.758	Contract awarded	Under construction	Completed by 7.35%
7	NJL-Sub7	Maoming Transport Construction Engineering Corp.	KM129 +500	KM158 +000	31.993	Contract awarded	Under construction	Completed by 10.77%
8	NJL-Sub8	Dongxiang Gandong Road & Bridge Construction Co., Ltd.	KM158 +000	KM185 +000	27.02	Contract awarded	Under construction	Completed by 14.77%
9	NJL-Sub9	Jiangxi Guyue Engineering Co., Ltd.	KM185 +000	KM212 +000	26.824	Contract awarded	Under construction	Completed by 13.24%
10	NJLSub10	Hunan Foreign Construction Group Co., Ltd.	KM212 +000	KM234 +069.52	22.752	Contract awarded	Under construction	Completed by 21.93%
11	NJL-Pav1	Contract not awarded	KM0 +000	KM70 +000	63.766	Bidding not started	Not started	Bidding to begin in Q2 2017, construction to begin in Q4 2017, involving no LA/HD
12	NJL-Pav2	Contract not awarded	KM70 +000	KM154 +000	83.716	Bidding not started	Not started	Bidding to begin in Q2 2017, construction to begin in Q4 2017, involving no LA/HD
13	NJL-Pav3	Contract not awarded	KM154 +000	KM234 +069.52	80.596	Bidding not started	Not started	Bidding to begin in Q2 2017, construction to begin in Q4 2017, involving no LA/HD

### 3.2 Land Approval

In October 2012, the Yunnan Provincial Land and Resources Department approved the construction land for the Subproject.

### 3.3 Resettlement Implementation

In June 2016, the Ning'er County Government issued the LA announcement of the Subproject, and the LA and HD program successively in the affected townships and villages, improving public awareness and participation level.

#### 3.3.1 Acquisition of Collective Land

According to the updated RP, 6,101.9 mu of rural collective land will be acquired, affecting 3,066 households with 11,915 persons.

In this report period, 6,215.818 mu of collective land was acquired, including 3,225.03 mu in Ning'er County and 2,986.984 mu in Jiangcheng County. As of December 31, 2016, 6,215.818 mu of land had been acquired, accounting for 101.8% of the plan.

Table3-2LA Progress of the Subproject

County	Township	Updated RP		Completed in previous period		Completed in this period		Completed in total	
		Land (mu)	HHs	Land (mu)	HHs	Land (mu)	HHs	Land (mu)	HHs
Ning'er	Ning'er Town	1378.9	884	0	0	1619.79	1149.00	1619.79	1149.00
	Mengxian Town	806.3	455	0	0	778.88	552.00	778.88	552.00
	Liming Xiang	1025.2	753	0	0	826.36	586.00	826.36	586.00
Jiangcheng	Baozang Xiang	700.8	325	0	0	780.03	396.00	780.03	396.00
	Menglie Town	1865.8	522	0	0	1885.95	522.00	1885.95	522.00
	Qushui Xiang	324.8	127	0	0	324.81	127.00	324.81	127.00
Total		6101.8	3066	0	0	6215.818	3332	6215.818	3332

#### 3.3.2 HD

According to the updated RP, residential houses of 40,131.38 m<sup>2</sup> in will be demolished, affecting 324 households with 1,242 persons.

By this M&E, the house demolition and relocation was not started yet.

#### 3.3.3 Temporary Land Occupation

According to the RP, quarries, sandpits, mixing stations, dump sites, living and production facilities, and temporary construction roads will occupy land temporarily. Temporary land occupation will be coordinated by the highway construction headquarters.

As of December 31, 2016, though construction had begun and temporary land occupation had occurred, statistics were still unavailable.

### 3.4 Resettlement Policies and Compensation Rates

In June 2016, the Ning'er County Government issued the LA and HD program to Ning'er Town, Mengxian Town and Liming Xiang, disclosing the relevant compensation rates. As of December 31, 2016, compensation rates had not been disclosed in Jiangcheng County.

A LA compensation announcement has been released in Jiangcheng County (*see Appendix 10*).



### 3.4.1 Policies and Compensation Rates of Ning'er County

LA for the Subproject is compensated for based on the Land Administration Law of the PRC, Regulations on the Implementation of the Land Administration Law of the PRC, Land Administration Regulations of Yunnan Province, and the LA and HD program of the Subproject.

#### 1) Permanent LA

The compensation rates for permanent LA are set out in Table 3-5. In addition, the young crop compensation rates for irrigated and non-irrigated land area 1,500 yuan/mu and 1,000 yuan/mu respectively. Compared to the RP, the compensation rate for irrigated land in Xinping, Taida and Xishitou Villages, Ning'er Town has risen from 60,000 yuan/mu to 80,000 yuan/mu; in Qianle, Anning, Xuande and Yalu Villages, Mengxian Town, and Xianren and Tuanshan Villages, Liming Xiang, the compensation rate for irrigated land has risen from 30,000 yuan/mu to 40,000 yuan/mu and that for non-irrigated land has risen from 20,000 yuan/mu to 25,000 yuan/mu. Therefore, the LA compensation rates comply with the RP, and some rates are higher.

Table3-3LA Compensation Rates of the Subproject

County	Township	Village	LA compensation rate (yuan/mu)				
			Irrigated land	Non-irrigated land	Garden land	Housing land	Wasteland
Ning'er	Ning'er Town	Minzheng	60000	40000	30000	30000	8000
		Banhai	60000	40000	30000	30000	8000
		Manlian	60000	40000	30000	30000	8000
		Xinping	80000	40000	30000	30000	8000
		Taida	80000	40000	30000	30000	8000
		Xishitou	80000	40000	30000	30000	8000
		Wenquan	60000	40000	30000	30000	8000
		Yuhe	60000	40000	30000	30000	8000
	Mengxian Town	Heping	40000	25000	15000	30000	8000
		Qianle	40000	25000	15000	30000	8000
		Anning	40000	25000	15000	30000	8000
		Xuande	40000	25000	15000	30000	8000
		Yalu	40000	25000	15000	30000	8000
	Liming Xiang	Xianren	40000	25000	15000	30000	8000
		Wangjie	40000	25000	15000	30000	8000
		Tuanshan	40000	25000	15000	30000	8000

#### 2) Woodland

The composite compensation rate for woodland (including trees) is 5,000 yuan/mu, higher than that specified in the RP by 1,200 yuan/mu.

#### 3) Buildings and structures

See Table 3-4.

Table 3-4 Compensation Rates for Buildings and Structures

No.	Type	Unit	Compensation rate (yuan)	
			Planned	Actual
1	Frame structure	m2	/	1800
2	Masonry concrete structure	m2	1400	1500
3	Masonry timber structure	m2	900	1200
4	Earth timber structure	m2	700	800
5	Simple structure	m2	150	400
6	Enclosing walls	Brick	150	60
7		Earth	80	60

No.	Type	Unit	Compensation rate (yuan)	
			Planned	Actual
8	Stone bank	m2	/	300
9	Cement ground	m2	/	60
10	Gate	Iron	/	350
11		Wood	/	250
12	Biogas tank	<8m	/	3500
13		>10m	/	4500
14	Cooking range	Single	/	500
15		Double	/	1000

#### 4) Ground attachments

The compensation rates for ground attachments are set out in Table 3-5. In addition, special commercial crops and seedlings will be appraised by specialized agencies, and their compensation rates will be negotiated based on appraised rates.

Table 3-5 Compensation Rates for Ground Attachments

No.	Type	Unit	Rate (yuan)
1	Orange, green date, mango, litchi, longan, peach, plum, citrus, persimmon, waxberry, pomegranate, prickly ash, citron, papaw, loquat, mulberry, etc.	Non-fruit-bearing	/ 15
2		Fruit-bearing	/ 30
3		Booming	/ 60
4	Bamboo	/	10
5	Plantain	/	5
6	Banana	/	8
7	Guava, papaya	Non-fruit-bearing	/ 5
8		Fruit-bearing	/ 20
9	Chestnut, nuts, walnut	Non-fruit-bearing	/ 20
10		Fruit-bearing	/ 50
11		Booming	/ 300
12	Tealeaf, coffee	=<3 years	mu 6000
13		Booming	mu 10000
14	Rubber	Uncut	/ 100
15		Cut	/ 200
16	Steel greenhouse	m2	30
17	Bamboo greenhouse	m2	15
18	Fishpond	>10 mu	mu 3600
19		=<10 mu	mu 2000
20	Lotus root	mu	4000

#### 5) Tomb relocation

The compensation rate for relocated tombs is 8,000 yuan per earth tomb or 12,000 yuan per brick/stone tomb.

In addition, compensation rates for other special facilities will be based on industrial technical standards.

#### 3.4.2 Policies and Compensation Rates of Jiangcheng County

The compensation rates in Jiangcheng County are as follows:

##### 1) LA

Table3-6LA Compensation Rates of Jiangcheng County

County	Township	Village	LA compensation rate (yuan/mu)				
			Irrigated land	Non-irrigated land	Garden land	Housing land	Woodland
Jiangcheng	Baozang	Shuicheng	43848	10962	12789	20000	5154

County	Township	Village	LA compensation rate (yuan/mu)				
			Irrigated land	Non-irrigated land	Garden land	Housing land	Woodland
	Xiang	Banhe	43848	10962	12789	20000	5154
	Menglie Town	Jiangbian	43848	10962	12789	20000	5154
		Shengluo	43848	10962	12789	20000	5154
		Dazhai	43848	10962	12789	20000	5154
	Qushui Xiang	Basan	43848	10962	12789	20000	5154
		Nuna	43848	10962	12789	20000	5154

## 2) HD

The HD compensation rates are 1,720yuan/m<sup>2</sup> for frame structure, 1,440 yuan/m<sup>2</sup> for masonry concrete structure, 730yuan/m<sup>2</sup> for brick and timber structure, 390 yuan/m<sup>2</sup> for earth timber structure and 240 yuan/m<sup>2</sup> for simple structure.

In addition, the households affected by HD will receive subsidies under poverty reduction for non-local relocation<sup>3</sup>.

## 3.5 Funds and Disbursement

### 3.5.1 Disbursement Progress

As of December 31, 2016, resettlement funds of 76.907 million yuan had been disbursed, including 63.605million yuan in Ning'er County and 13.301 million yuan in Jiangcheng County.

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<sup>3</sup>See the updated RP.

Table 3-9 Fund Disbursement Form of the Subproject

(unit: 0,000 yuan)

County	Township	Village	Completed in previous period			Completed in this period			Completed in total	
			LA compensation	HD compensation	Total	LA compensation	HD compensation	Total		
Ning'er	Ning'er Town	Banhai	0	0	0	703.6	0	703.6	703.6	
		Manlian	0	0	0	0	0	0	0	
		Xinping	0	0	0	1060.3	0	1060.3	1060.3	
		Wenquan	0	0	0	1488	0	1488	1488	
	Mengxian Town	Heping	0	0	0	738.5	0	738.5	738.5	
		Qianle	0	0	0	108.6	0	108.6	108.6	
		Anning	0	0	0	165.2	0	165.2	165.2	
		Xuande	0	0	0	326.8	0	326.8	326.8	
	Liming Xiang	Yalu	0	0	0	181.2	0	181.2	181.2	
		Xianren	0	0	0	654	0	654	654	
		Wangjie	0	0	0	576.1	0	576.1	576.1	
		Tuanshan	0	0	0	358.4	0	358.4	358.4	
	<b>Subtotal</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>6360.5</b>	<b>0</b>	<b>6360.5</b>	<b>6360.5</b>
	Jiangcheng	Baozang Xiang	Shuicheng	0	0	0	204.7	0	204.7	204.7
Banhe			0	0	0					
Menglie Town		Jiangbian	0	0	0	798.1	0	798.1	798.1	
		Shengluo	0	0	0	74.3	0	74.3	74.3	
		Dazhai	0	0	0	0	0	0	0	
Qushui Xiang		Basan	0	0	0	253	0	253	253	
		Nuna	0	0	0					
Subtotal			0	0	0	1330.1	0	1330.1	1330.1	
<b>Total</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>7690.7</b>	<b>0</b>	<b>7690.7</b>	<b>7690.7</b>	

### 3.5.2 Disbursement Process

All LA and resettlement funds are raised by PMG, and managed by PTIG. As resettlement agencies, the county governments ensure that all required resettlement funds are available timely and fully. See Figure 3-1.

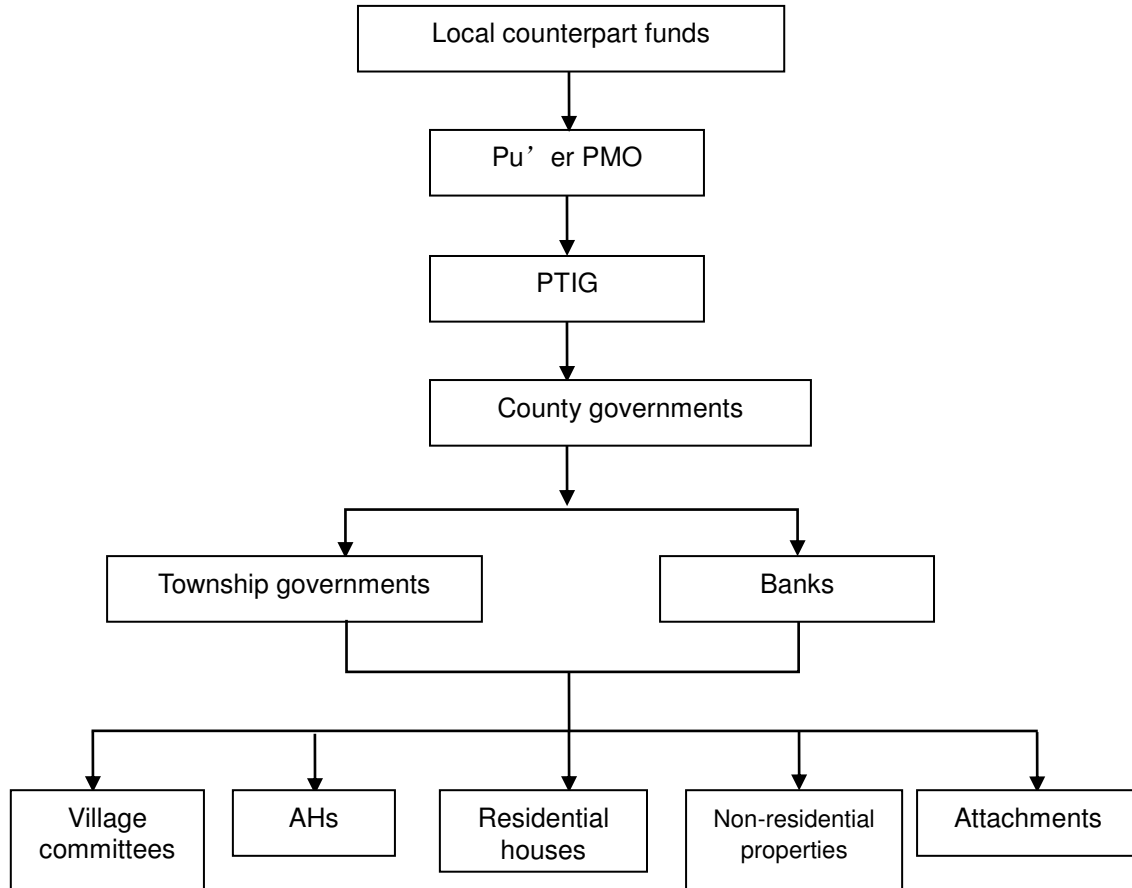


Figure 3-1 Fund Disbursement Flowchart

### 3.6 Evaluation

Through field investigation, interviews, FGDs and literature review, the task force thinks that as of December 31, 2016, the resettlement work of the Subproject was in orderly progress, and LA and HD compensation fees had been disbursed to the AHs. In this report period, the task force received no appeal. However, the progress of house demolition is relatively slow in general. Given the house reconstruction would take times, the demolition and relocation of house should be accelerated.

## 4 Public Participation and Grievance Redress

### 4.1 Public Participation

At all stages of the Subproject, the Pu'er PMO and the IA attach great importance to public participation and consultation, collect comments from government agencies, affected enterprises and APs extensively, and encourage all stakeholders to take an active part in the Subproject.

#### 4.1.1 Preparation Stage

At the preparation stage, the Pu'er PMO, Pu'er Transport Investment (Group) Co., Ltd. (PTIG), IA, township governments, and RP preparation agency carried out various public participation activities, such as community mobilization and publicity, social survey, planning, which promoted local residents' awareness of the Subproject, compensation rates and resettlement policies.

#### 4.1.2 Implementation Stage

At the implementation stage, PMG, PTIG, the resettlement agencies, etc. conducted extensive public participation and consultation, including announcement posting, mobilization meeting, RIB distribution, etc.

##### 1) Public meetings

In June-July 2015, public meetings were held in the affected villages to explain the relevant policies, regulations and compensation rates, and further discuss resettlement measures.

##### 2) RIB distribution

In order that the APs and local governments are fully aware of the compensation rates and the RP, the resettlement agencies distributed to the RIB to the villages and households affected in August 2015, covering the state laws and regulations on resettlement, compensation rates, entitlements, policies, etc.



Figure 4-1 RIB Distribution in Jiangcheng County

##### 3) Posting of LA announcement and DMS result disclosure

In June 2016, the Ning'er County Government issued the LA announcement of the Subproject, and the LA and HD program successively in the affected townships and villages to ensure information openness and transparency.

In August 2016, the Menglie Town Government disclosed the DMS results to ensure that the AHs were aware of LA impacts, and affected young crops and attachments.

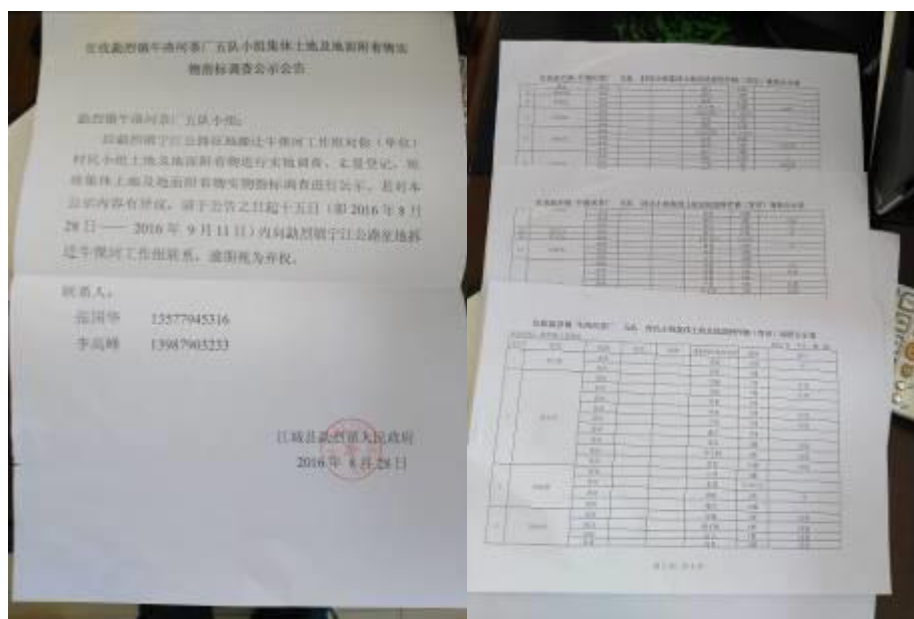


Figure 4-2DMS Result Disclosure in Menglie Town

#### 4) Implementation of the public participation plan

During the implementation of the public participation plan, the agencies responsible have carried out relevant activities, protecting the APs' lawful rights and interests. See Table 4-1.

Table 4-1 Implementation Progress of Public Participation

Time	Activity	Agencies	Implementation progress
2015.6-7	Discussing LA compensation rates and progress, and improving resettlement measures	Owner, township governments, AP representatives	Relevant meetings have been held in Ning'er Town and Liming Xiang, Ning'er County; Baozang Xiang, Jiangcheng County.
2015.8	RIB distribution	Pu'er PMO	The RIB has been distributed to all APs.
2016.6.28	Posting of LA announcement in Ning'er County	Ning'er County and township governments	It has been fully posted in 16 affected villages, 3 townships in Ning'er County.
2016.6.30	Posting of LA and HD program in Ning'er County	Ning'er County and township governments	It has been fully posted in 16 affected villages, 3 townships in Ning'er County.
2016.1-7	Internal monitoring	Pu'er PMO	Two rounds of internal monitoring were conducted in January and July 2016, and a quarterly report has been completed.
2016.7-	External monitoring and baseline survey	Pu'er PMO, External M&E agency	In July 2016, the external M&E agency conducted a baseline survey on 135 AHs in the first round of resettlement M&E.
2017.3	External monitoring and follow-up survey	Pu'er' PMO, external M&E agency,	In late March 2017, the external M&E agency conducted the second round of M&E to learn livelihood restoration and resettlement.

#### 5) Public participation during external M&E

During external M&E, the external M&E agency has conducted a series of public participation activities, including questionnaire survey, FGD and interview, to learn LA and HD progress, and discuss income restoration and resettlement programs with the assistance of the PMOs and the resettlement agencies. See Table 4-2.

Table 4-2 Public Participation Activities during External M&E

Method	Time	Venue	Participants	Results
FGD	Mar. 29 – 31, 2017	12 villages in 6 townships in 2 counties	Villager representatives, Pu'er PMO, task	14 FGDs were held, with 19 participants (including 10 women, accounting for 52.6%) were held to learn LA, HD and resettlement progress, potential issues, and suggestions.
Key informant interview	Mar. 29 – 31, 2017	1) Pu'er PMO; 2) PTIG; 3) township governments and village committees	1) PMO head; 2) PTIG head; 3) township and village officials	Learning construction and investment progress, public participation, potential issues and suggestions, local socioeconomic profile, etc.
Personal in-depth interview	Mar. 29 – 31, 2017	12 villages in 6 townships in 2 counties	APs, including women and old people	Learning villagers' needs and expectations for the Subproject, awareness of the Subproject, and degree of participation.

## 4.2 Grievance Redress

A transparent and effective grievance redress mechanism has been established during resettlement implementation, as detailed below:

### Stage 1

If any AP is dissatisfied with the RP, he/she may file an oral or written appeal with the village committee, township government or county resettlement office, which should make a disposition and keep written records within two weeks.

### Stage 2

If the AP is dissatisfied with the disposition of Stage 1, he/she may file an appeal with the county PMO after receiving such disposition, which should make a disposition within two weeks.

### Stage 3

If the AP is dissatisfied with the disposition of Stage 2, he/she may file an appeal with the Pu'er PMO after receiving such disposition, which should make a disposition within two weeks.

### Stage 4

If the AP is still dissatisfied with the disposition of Stage 3, he/she may file an appeal with the competent authorities level by level in accordance with the Administrative Procedure Law.

At any stage, an AP may bring a suit in a civil court directly if he/she is dissatisfied with the grievance redress procedure or disposition.

All grievances, oral or written, will be reported to ADB in internal and external resettlement monitoring reports.

If any AP may also file an appeal with the Office of the Special Facilitator or Compliance Review Panel of ADB in accordance with ADB's accountability mechanism.

All agencies will accept grievances and appeals from the APs for free, and costs so reasonably incurred will be disbursed from contingencies. During the whole construction period of the Subproject, these appeal procedures will remain effective to ensure that the APs can use them to address relevant issues. The above grievance redress mechanism will be communicated to the APs at a meeting or through the RIB.

## 4.3 Evaluation

It is learned that project information is well disclosed, and the level of public participation is high. Some concerns the APs have been addressed properly by village collectives. The Pu'er PMO has not received any grievance.

The task force thinks that the adequate public participation and grievance redress mechanisms of the Subproject played a great role during resettlement. During resettlement implementation, the PMO and resettlement agencies should collect and handle grievances and appeals timely and



properly.

## 5 Findings and Suggestions

### 5.1 Key Findings

#### 1) **Project and resettlement implementation progress**

As of December 31, 2016, roadbed construction had begun under a number of contracts, and temporary land occupation had occurred, but statistics were still unavailable; Compared to LA, the progress of house demolition and relocation is slow; LA compensation fees were disbursed to the AHs timely, but statistics should be strengthened.

#### 2) **Organizational structure**

PTIG has established the Ning'er–Jiangcheng–Longfu Highway Construction Headquarters as instructed by PMG, responsible for the construction, quality, progress and safety management of the Ning'er–Jiangcheng–Longfu Highway, and the coordination of LA, HD and preparation with the Ning'er and Jiangcheng County Governments. In April 2016, the Pu'er PMO invited ADB resettlement officials to offer training on ADB's involuntary resettlement policy and requirements.

In support of the work of the Ningjiang Highway Construction Headquarters, the Ning'er and Jiangcheng County Governments have established LA and HD management offices, responsible for LA, HD and resettlement within their jurisdictions.

#### 3) **Information disclosure and public participation**

Most of the respondents are aware of the Subproject, and 100% of them support the Subproject and expect the Subproject to be implemented as soon as possible. The IA has disclosed project information timely and fully to the public by means of Internet, FGD and village meeting. The public participation mechanism is sound and the RIB has been distributed.

#### 4) **Grievance redress**

A transparent and effective grievance redress mechanism has been established during resettlement implementation. The APs may file appeals with the Pu'er PMO, the county or township government, and village committee, or bring a suit in the people's court.

The grievance redress channel is smooth, and the APs know how to file an appeal when their rights are infringed on.

### 5.2 Suggestions

#### 1) **Organizational structure**

The resettlement agencies should further strengthen institutional capacity building to ensure that resettlement is implemented successfully according to the RP approved by ADB, including: 1) keeping the staff of the resettlement agencies stable; 2) developing a training program according to the RP to strengthen training for the resettlement staff; and 3) strengthening communication among the resettlement agencies, and improving internal management systems, including file, information and fund management (e.g., developing uniform LA, HD and disbursement formats for proper information recording and management).

#### 2) **temporary land occupation, house demolition and relocation**

As of December 31, 2016, roadbed construction had begun. Statistics on temporary land occupation should be prepared as soon as possible to ensure that the AHs receive compensation timely and the temporarily occupied land is restored timely after the completion of construction. Meanwhile, the house demolition and relocation should be accelerated to ensure timely relocation of AHs relocate, so that the project can be implemented smoothly.

#### 3) **Improving the information disclosure mechanism**

In order that the APs are fully aware of the Subproject's impacts, resettlement modes,

compensation rates, appeal channels, etc., further publicity on the resettlement policies of the Subproject should be conducted.

**4) Paying attention to the livelihood restoration and house reconstruction of the APs**


The APs may become distressed due to the improper use of compensation fees. The resettlement agencies should establish a database of the APs (including contact information), and track their livelihood restoration and house construction regularly to ensure that the objectives of resettlement are realized.

## Appendixes

### Appendix 1 M&E Methods (No.2)

Method	Time	Venue	Size	Participants	Remarks
1. Literature review	Mar. 26, 2017	Pu'er PMO	6	Pu'er PMO, task force	Literatures: 1) RP approved by ADB, etc.; 2) Statistical Yearbook of Pu'er City (2015); 3) local plans; 4) subproject progress, etc.
2. FGD	Mar. 29 – 31, 2017	Heping Village Committee, Mengxian Town, Ning'er County	10	Villager representatives, Pu'er PMO, task force, HD staff of Mengxian Town	Basic village information; villagers' attitudes to and needs for the Subproject; LA and HD progress, compensation and resettlement, etc.
3. Key informant interview	Mar. 29 – 31, 2017	1) Pu'er PMO; 2) PTIG; 3) County PMOs 4) Township governments and village committees	13	1) PMO head; 2) PTIG head; 3) township and village officials	Learning construction and investment progress, public participation, potential issues and suggestions, local socioeconomic profile, etc.
4. Personal in-depth interview	Mar. 29 – 31, 2017	Manlian, Xinping and Wenquan Villages, Ning'er Town; Xianren and Tuanshan Villages, Liming Xiang; Anning and Xuande Villages, Mengxian Town, Ning'er County; Shuicheng and Banhe Villages, Baozang Xiang; Jiangbian and Dazhai Villages, Menglie Town; Basan Village, Qushui Town, Jiangcheng County	12	APs, including women and old people	Villagers' needs and expectations for the Subproject, awareness of the Subproject, and degree of participation


Appendix 2 FGD and Interview Minutes (No.2)

<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.29
<b>Venue</b>	Yang Wenbin's home in Longtanba Group of Manlian Village, NIng'er Town, NIng'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, LA and HD management office staff, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. Relocation began in September 2016, and he is in transition at his brother's home.</li> <li>2. The new house has been largely completed, and the family will move into it after decoration.</li> <li>3. The housing land is beside the highway and convenient, purchased from another local villager at 60,000 yuan.</li> <li>4. The compensation for the old house of 108,000 yuan was received at a time in February 2017, and he has borrowed 100,000 yuan for house construction.</li> <li>5. The family's income is from tobacco and tealeaf cultivation, and pig raising, being 100,000-120,000 per annum.</li> <li>6. The Subproject has little impact on production and livelihood, and the family is satisfied with the LA policy, rate and compensation.</li> </ol>
<b>Photo</b>	

<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.29
<b>Venue</b>	Meeting room of the Manlian Village Committee, NIng'er Town, NIng'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, LA and HD management office staff, interviewee Zhao Zhong, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. 1.5 mu of non-irrigated land has been acquired, and 60,000 yuan in land and young crop compensation received.</li> <li>2. The family accepts the DMS result and the compensation rate.</li> <li>3. The 5-member family has 6 mu of non-irrigated land (for tobacco cultivation), 1.5 mu of irrigated land and 20 mu of woodland.</li> <li>4. The Subproject has little impact on production and livelihood, and the family is satisfied with the LA policy, rate and compensation.</li> </ol>

<b>Photo</b>	
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<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.29
<b>Venue</b>	Manlian Village Committee, NIng'er Town, NIng'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, LA and HD management office staff, interviewee Xu Zhengfu, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. 0.08 mu of non-irrigated land has been acquired.</li> <li>2. The compensation has been received in full after on-site confirmation.</li> <li>3. The family's annual income is 30,000-40,000 yuan, and the main income sources are tobacco cultivation and doing odd jobs.</li> <li>4. The family is satisfied with the LA policy, rate and compensation</li> </ol>

<b>Photo</b>	
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<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.29
<b>Venue</b>	Xu Song's home in Xishitou Village, NIng'er Town, NIng'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, LA and HD management office staff, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. 0.4 mu of non-irrigated land has been acquired, and 25,000 yuan in land and young crop compensation was received at a time in February 2017.</li> <li>2. The family accepts the DMS result and the compensation rate.</li> <li>3. The 4-member family has 3 mu of non-irrigated land (for tobacco cultivation), 1 mu of irrigated land and 1.5 mu of woodland.</li> <li>4. The Subproject has little impact on production and livelihood, and the family is satisfied with the LA policy, rate and compensation.</li> </ol>

<b>Photo</b>	
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<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.29
<b>Venue</b>	Yang Xiukun's home in Xishitou Village, Ning'er Town
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, LA and HD management office staff, interviewee Yang Xiukun, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. 0.02 mu of irrigated land, a tree and a well have been acquired.</li> <li>2. The family confirmed the DMS result on site, and received full compensation in cash at a time in February 2017.</li> <li>3. The family's main income source is employment. 2 mu of tea land and 1 mu of pine tree have not been put into production.</li> <li>4. The family is satisfied with the LA policy, rate and compensation.</li> </ol>
<b>Photo</b>	

<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.29
<b>Venue</b>	Heping Village Committee, Mengxian Town, Ning'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, LA and HD management office staff, interviewee Yang Zhongqing, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>5. 1 mu of non-irrigated land (for tealeaf cultivation) has been acquired, and 26,000 yuan in land and young crop compensation was received in cash at a time in February 2017.</li> <li>6. The family accepts the DMS result and the compensation rate.</li> <li>7. The 8-member family has 2 mu of non-irrigated land (for tobacco cultivation), 2 mu of irrigated land and 2 mu of woodland. The family also earns money from non-local employment.</li> <li>1. The Subproject has little impact on production and livelihood, and the family is satisfied with the LA policy, rate and compensation.</li> </ol>


<b>Photo</b>	
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<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.29
<b>Venue</b>	Heping Village Committee, Mengxian Town, Ning'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, interviewee Pan Xian, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. 0.9 of irrigated land and 1.6 mu of hilly land has been acquired.</li> <li>2. The family confirmed the DMS result on site, and received full compensation in cash in February 2017.</li> <li>3. The family's income is from tobacco cultivation and doing odd jobs, being 30,000-40,000 per annum.</li> <li>4. The family has some financial difficulty because two children are at school and one old person has to be supported.</li> </ol>
<b>Photo</b>	


<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.30
<b>Venue</b>	Li Kaican's home in Tuanshan Village, Liming Town, Ning'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, LA and HD management office staff, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. A pigpen has been occupied, and the compensation of over 10,000 was received at a time in January 2017.</li> <li>2. The family accepts the DMS result and the compensation rate.</li> <li>3. The 4-member family has 1 mu of non-irrigated land (for tobacco cultivation), 1 mu of irrigated land and 1.5 mu of woodland.</li> <li>4. The Subproject has little impact on production and livelihood, and the family is satisfied with the LA policy, rate and compensation.</li> </ol>



<b>Photo</b>	
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<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.30
<b>Venue</b>	Li XX's home in Tuanshan Village, Liming Town, Ning'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, LA and HD management office staff, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. A 50 m<sup>2</sup> pigpen, 0.7 mu of irrigated land and a 50 m<sup>2</sup> cement ground have been occupied, and the compensation of over 50,000 was received at a time in January 2017.</li> <li>2. The family accepts the DMS result and the compensation rate.</li> <li>3. The 5-member family has 3 mu of non-irrigated land (for tobacco and corn cultivation) and 2.5 mu of irrigated land. The family's annual income is 60,000-80,000 yuan.</li> <li>4. The Subproject has little impact on production and livelihood, and the family is satisfied with the LA policy, rate and compensation.</li> </ol>
<b>Photo</b>	

<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.30
<b>Venue</b>	Mao Huaxun's home in Shuicheng Village, Baozang Xiang, Ning'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, village head, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. 1.7 mu of irrigated land has been occupied, and the compensation was received at a time in January 2017.</li> <li>2. The family accepts the DMS result and the compensation rate.</li> <li>3. The 5-member family has 10 mu of rubber land, 30 mu of non-irrigated land (for eucalyptus cultivation) and 2 mu of irrigated land. The family's annual income is 80,000-90,000 yuan.</li> <li>4. The Subproject has little impact on production and livelihood, and the family is satisfied with the LA policy, rate and compensation.</li> </ol>

<b>Photo</b>	
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<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.30
<b>Venue</b>	Mao Yunxiang's home in Shuicheng Village, Baozang Xiang, Ning'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, interviewee Mao Yunxiang, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. 5 mu of irrigated land has been acquired.</li> <li>2. The family confirmed the DMS result on site, and received full compensation in cash at a time in January 2017.</li> <li>3. The main income sources are banana (20 mu) and rubber (20 mu) cultivation, and doing odd jobs in nearby areas.</li> </ol>

<b>Photo</b>	
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<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.30
<b>Venue</b>	Zhang Gui's home in Shuicheng Village, Ning'er Town, Ning'er County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, interviewee Zhang Guitask force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. 0.7 mu of irrigated land and 0.8 mu of hilly land has been acquired.</li> <li>2. The family confirmed the DMS result on site, and received full compensation (49,000 yuan) in cash at a time in January 2017.</li> <li>3. The main income sources are cultivation (10-11 mu of irrigated land, 30-40 mu of hilly land, over 10 mu of pine forest, and over 20 mu of coffee and rubber).</li> </ol>

<b>Photo</b>	
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<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.30
<b>Venue</b>	Yue Hongbiao's home in Chahe Group of Jiangbian Village, Menglie Town, Jiangcheng County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, women's director of the village committee, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. 0.7 mu of non-irrigated land has been occupied, and over 7,000 yuan in compensation was received in cash at a time in January 2017.</li> <li>2. The family accepts the DMS result and the compensation rate.</li> <li>3. The 5-member family earns about 80,000 yuan per annum by running a grocery.</li> <li>4. The Subproject has little impact on production and livelihood, and the family is satisfied with the LA policy, rate and compensation.</li> </ol>

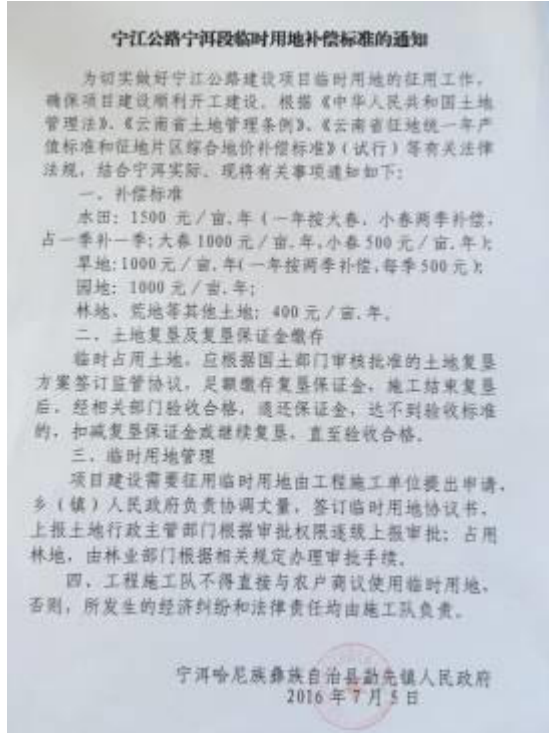
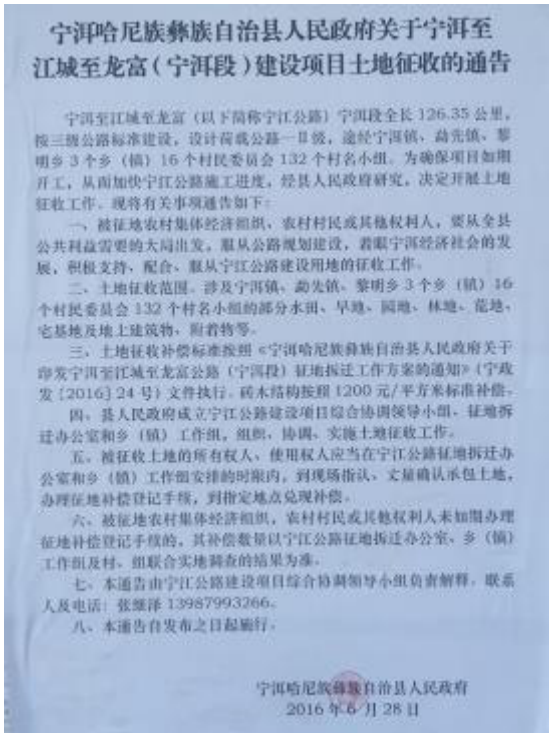
<b>Photo</b>	
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<b>Project</b>	Ning'er–Jiangcheng–Longfu Highway Subproject
<b>Date</b>	2017.3.30
<b>Venue</b>	Yue Jiansong's home in Jiangbian Village, Menglie Town, Jiangcheng County
<b>Participants</b>	Mr. Ma and Mr. Zhou from the Pu'er PMO, interviewee Yue Jiansong, task force
<b>Key points and findings</b>	<ol style="list-style-type: none"> <li>1. There is a dispute over the type of the acquired land, and the family is still in consultation with the town government.</li> </ol>

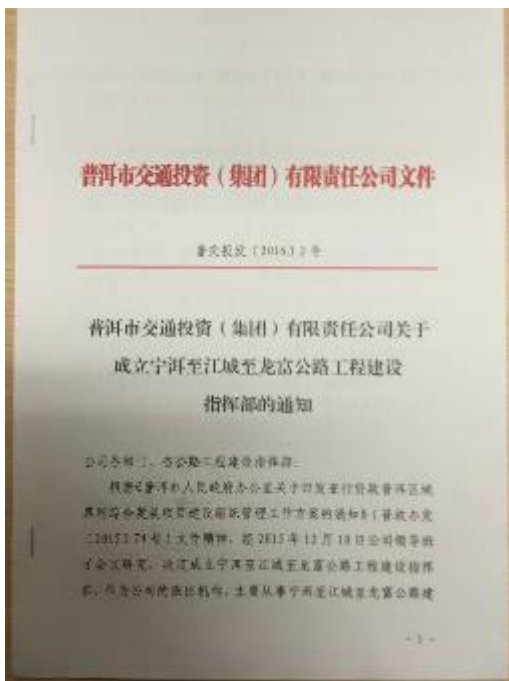


Appendix 3 Preliminary Land Examination Opinion for the Ning'er-Jiangcheng-No.3  
China-Vietnam Boundary Marker Highway

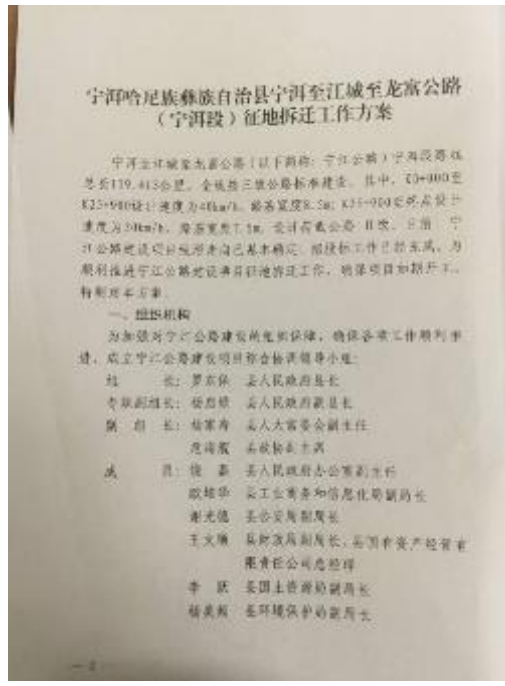
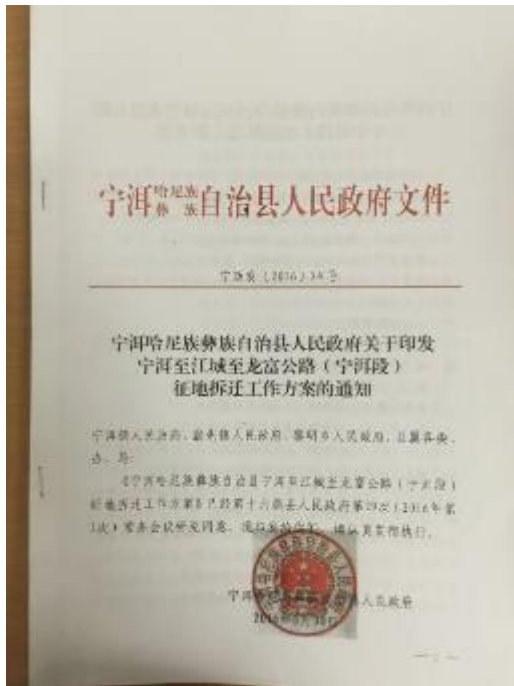
**Appendix 4 Announcement of the Ning'er County Government on LA for the Ning'er–Jiangcheng–Longfu Highway (Ning'er Segment) and Notice on Compensation Rates for Temporary Land Use**



**Appendix 5 Notice of Pu'er Transport Investment (Group) Co., Ltd. on Establishing the Ning'er–Jiangcheng–Longfu Highway Construction Headquarters**



Appendix 6 Notice of the Ning'er County Government on Issuing the LA and HD Program for the Ning'er–Jiangcheng–Longfu Highway









## Appendix 7 Comparison of Resettlement Impacts of the Subproject

	Resettlement impact	Unit	Former RP	Review in 2016	Difference
LA	Irrigated land	mu	71.7	932.9	+861.2
	Non-irrigated land	mu	397.7	1836.9	+1439.2
	Woodland	mu	1128.7	2175.3	+1046.7
	Tea garden	mu	30.6	726.5	+695.9
	Orchard	mu	562.0	268.9	-293.1
	Other land	mu	28.6	161.5	+132.8
	Subtotal	mu	2219.2	6101.9	+3882.7
	Affected population	HH	1998	3066	+1068
	Person	12234	11915	-319	
HD	Masonry concrete structure	m <sup>2</sup>	15245.0	12639.0	-2606.0
	Earth timber structure	m <sup>2</sup>	6923.0	21959.0	+15036.0
	Simple structure	m <sup>2</sup>	2901.3	5533.3	+2632.0
	Subtotal	m <sup>2</sup>	25069.4	40131.4	+15062.0
	Affected population	HH	315	324	+9
	Person	1178	1242	+64	
Total compensation		0,000 yuan	10811.6	34120.9	+23309.3

Appendix 8 Fieldwork Photos



Signatures of compensation receivers in Heping Village



Interview with a villager in Heping Village



Interview with LA and HD staff in Mengxian Town



Labor reemployment in Manlian Village, Ning'er Town



Construction site of Contract 7 in Ning'er Town



Announcement of tomb relocation registration in Ning'er County



Resettlement housing in Shuicheng Village, Baozang Town, Jiangcheng County



Interview with Chief Engineer Yang

