



Kingdom of Cambodia
Ministry of Public Works &
Transport

Road Asset Management Project II (IDA 5789-KH)

Implementation Support and Works Supervision (ISWS)

Quarterly Progress Report No. 2

Monthly Progress Report No. 7

December 2018



KCI KOREA CONSULTANTS INTERNATIONAL
in association with
ex KOREA EXPRESSWAY CORPORATION
EAC LEA ASSOCIATES SOUTH ASIA
in sub-consultants with
MECC MOHA ENGINEERING & CONSULTING CO
KACE KHMER ASSOCIATES CONSULTING ENGINEERS



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Acronyms and Abbreviations

AASHTO	American Association of State Highway and Transportation Officials BD
Bank	“The Bank”, The World Bank
BOQ	Bill of Quantity
CPS	Consultant Proposed Services
CV	Curriculum Vitae
EIRR	Economic Internal Rate of Return
ESAL	Equivalent Standard Axle-Load
FS	Feasibility Study
RGC	Royal Government of Cambodia
GPS	Global Positioning System
IBRD	International Bank for Reconstruction and Development (World Bank Group)
IDA	International Development Association (World Bank Group)
IRR	Internal Rate of Return
MOC	Ministry of Commerce
MOE	Ministry of Environment
MPWT	Ministry of Public Works and Transport
MOP	Ministry of Planning
NR	National Road
PMU3	Project Management Unit 3
RAMP	Road Asset Management Project
RAMP-II	Road Asset Management Project II
RFP	Request For Proposal
ROW	Right of Way
TOR	Terms of Reference
USD	United States Dollar
WB	World Bank



Civil Work

- Contract No. KH-MPWT-1-CW-RFB, Maintenance and Strengthening of NR3 (Pk.147+100 to Pk.201+400).
- Contract No. KH-MPWT-2-CW-RFB, Maintenance and Strengthening of NR7 (Pk.136+000 to Pk.186+000).
- Contract No. KH-MPWT-3-CW-RFB, Maintenance and Strengthening of NR7 (Pk.186+000 to Pk.243+000).
- Contract No. KH-MPWT-4-CW-RFB, Maintenance and Strengthening of NR7 (Pk.243+000 to Pk.300+000).

Chapter 1 - Introduction

1.1. Background and Objective of the Project

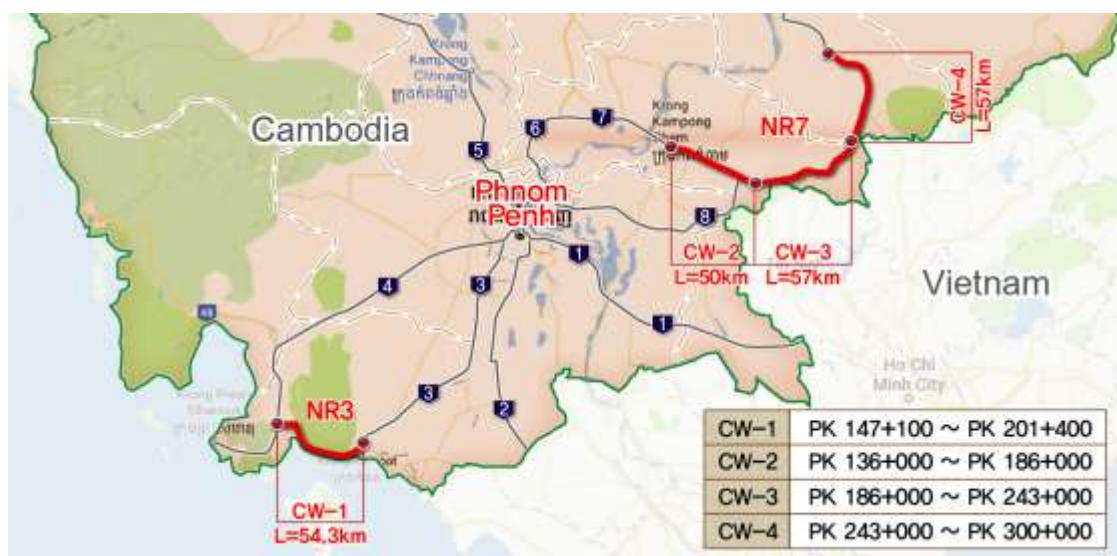
1.1.1. Background and Objective

Based upon successful achievement of Road Asset Management Project I (RAMP-I), Ministry of Economy and Finance and the Ministry of Public Works and Transport (MPWT) prepares a Road Asset Management Project II (RAMP-II) with the support of the International Development Association (IDA).

The objective of the project is to ensure continued effective use of the rehabilitated national and provincial road network in support of the economic development in Cambodia. It will do so by improving the institutional and technical capacity of the Ministry of Public Works and Transport for road maintenance planning, budgeting and operations as well as by expanding of strengthening maintenance activities.

1.1.2. Project Implementation Plan

The maintenance works of RAMP-II to be undertaken in 54 months. The works will be the Initial restoration, improvement, strengthening works including AC overlay and side drains in the first 18 months and the road maintenance using performance-based specification for 36 months after completion of initial works up to 54th month the Completion Date of Contract. The project will support an increasing extent using an output-and performance-based contract approach.



1.2. Project Description

1.2.1. Contract Packages of RAMP II

The component A1 of RAMP-II consists of 4 civil work packages. The package 1 is for NR3 from PK147+100 to PK201+400 and packages 2, 3 and 4 are for NR7 from PK136+000 to PK300+000.

The collected information and data for NR3 and NR7 are as shown below in Table 1.

Table 1: Contract Package of RAMP-II Project

Classification	NR 3	NR 7			Sum
	Package 1	Package 2	Package 3	Package 4	
Length(km)	54.3	50.0	57.0	57.0	218.3
Pavement	Asphalt Concrete	Asphalt Concrete	Asphalt Concrete	Asphalt Concrete	-
Location	PK147.1 ~ PK201.4	PK136 ~ PK186	PK186 ~ PK243	PK243 ~ PK300	-
Province	Kampot, Sihanoukville	Tbong Khmom	Tbong Khmom, Kratie	Kratie	-

➤ Package 1 - NR3(PK147+100 - PK201+400)-54.3km

The Project road connects Kampot, capital of the Kampot Province, stretching along the southern coast 54.3 km westwards, to Veal Rinh where it joins with NR 4 that leads to the port of Sihanoukville. The Kampot-Veal Rinh section of NR3 in RAMP-II is located in Kampot and Sihanoukville provinces. The section covered by RAMP-II starts in Kampongbay Chhoeng village, Kampongbay commune, Kampot district, from the T-junction of Kampot market (PK147+100) and terminates at Km 201+400 at the roundabout with national road No.4. The main proposed works consisting of Asphalt Concrete (AC) overlay, installation of side drains and performance based maintenance services (PBC) during 54 months contract period.

➤ Package 2- NR7 (PK136+000 to PK186+000) – 50 Km

This section is located on plain terrain. The land use is mixed comprising agricultural, residential and industrial activities. It starts from Slab Kalong village (PK136) to Sa Um village, Memut District (PK186) in Tbong Khmum province with its length of 50 Km. The main proposed works consisting of Asphalt Concrete (AC) overlay, installation of side drains and performance based maintenance services (PBC) during 54 months contract period.

➤ Package 3- NR7 (PK186+000 to PK243+000) – 57 Km

This section begins from Sa Um village, Memot District (PK186) and ends in Snoul village/District (PK243) in Kratie province. Its length is 57 Km. The main proposed works consisting of Asphalt Concrete (AC) overlay, installation of side drains and performance based maintenance services (PBM) during 54 months contract period.

➤ Package 4- NR7 (PK243+000 to PK300+000) – 57 Km

This section is mainly on plain terrain with some hilly area, and starts from Snoul District (PK243) to Sambour village, Svay Chreas District (PK300+000) in Kratie Province with its length of 57 Km. The main proposed works consisting of Asphalt Concrete (AC) overlay, installation of

side drains and performance based maintenance services (PBM) during 54 months contract period.

1.2.2. Scope of Consulting Services

The Project road, about 218 km long, will be rehabilitation and/or maintenance work under four (4) civil works contracts.

The Improvement, rehabilitation and Performance Based Maintenance works will consist of:

Periodical maintenance of existing bitumen sealed road with an overlay of asphalt concrete (AC) and application of the Output- and Performance- Based Road Contract (OPRC) specification throughout the contract period.

Improvement of the existing road side drain and replacement or repair of existing cross drainage.

Replacing the current pavement with concrete pavement at the flood prone areas (to be investigated)

Chapter 2 - Executive Summary

2.1. Progress Summary in this quarter(Four civil work packages)

All 4 Contractors had better progress compare to previous quarter mainly due to favourable climate conditions. The progress of packages CW4-NR7 (CGCD) by 38.0% and CW1-NR3 (SRBG) by 17.5% that they had mobilised earlier in result their progress are better than CW2 and CW3, the average physical progress of 4 packages was 18.70%.

The World Bank mission consisting Regional Manager South East Asia and Pacific, Task Team Leader, transport specialist and His Excellency Secretary of State, MPWT/RAMP-II Project Manager visited Packages CW2, CW3 and CW4 on 4th December 2018. During this visit World Bank Mission advised the Contractor, Consultant and Employer on various issues, visited the camp sites and contractor's activities and participated in a meeting with Contractors.

The overall progress of civil work contracts are shown in the table below:

Table 2: Summary progress of 4 Civil Works Contracts

Contract	Consultant/Contractor	Status	Elapsed time	Contract Price \$million		Progress %	
			Month	Original/ Improv.	Revised/ Improv.	Acc.	This Qtr/Mon
Work Program Activities							
Contract No. KH-MPWT-1-CW-RFB for Maintenance and Strengthening of NR3 (Pk.147+100 to Pk.201+400).	Sichuan Road and Bridge Group Corporation Limited	On-going Started on 23 th February 2018	10.20	8.171/ 6.153	8.978/ 6.960	17.50	9.5% / 5.5%
Contract No. KH-MPWT-2-CW-RFB for Maintenance and Strengthening of NR7 (Pk.136+000 to Pk.186+000).	CGCD Guangdong Provincial Changda Highway Engineering Co., Ltd	On-going Started on 19 th January 2018	11.43	10.701/ 8.656	11.887/ 9.843	7.50	3.0% / 1.5%
Contract No. KH-MPWT-3-CW-RFB for Maintenance and Strengthening of NR7 (Pk.186+000 to Pk.243+000).	Sichuan Road and Bridge Group Corporation Limited	On-going Started on 10 th February 2018	10.63	8.799/ 7.122	9.990/ 8.312	11.80	7.0% / 4.0%
Contract No. KH-MPWT-4-CW-RFB for Maintenance and Strengthening of NR7 (Pk.243+000 to Pk.300+000).	CGCD Guangdong Provincial Changda Highway Engineering Co., Ltd	On-going Started on 19 th January 2018	11.43	9.389/ 7.600	11.027/ 9.238	38.00	29.5% / 18.5%
Implementation Support and Works Supervision							
Contract KH MPWT-1-CS-QCBS, Implementation Support and Works Supervision (ISWS)	Korean Consultants International	Started on 29 th May 2018	7.10	3.134	3.134	18.50	9.2% / 3.0%

2.2. Package CW1-NR3 (PK147+100-PK201+400) - 54.3Km

The Contractor is Sichuan Road and Bridge (Group) Corporation Ltd. (SRBG) Contract was signed on 05th February 2018, Commencement Date is 23rd February 2018.

Since start date they have executed:

- 3.4 Km Asphalt Concrete (AC) over existing DBST surface
- 7.3 Km Asphalt Concrete (AC) over new base overlay (Total AC 10.7 Km)
- 9.5 Km Base Course overlay
- 2.90 Km Pavement defect (both sided) rectification from PK154+080 to PK154+700, PK155+500 to PK157+700 and PK157+140 to PK157+243
- 11.0.Km Restoration of flood damaged section by scarifying and compaction

Their physical progress during this quarter was 9.5% (during this month 5.5%) and 17.5% Accumulative progress that is the 2nd rank between four packages. Contractor and ISWS preparing the proposal for restoration of more than 11.0 Km flood damage, to be required in accordance with World Bank guidance on consideration of climate change strengthening of infrastructures.

2.3. Package CW2-NR7 (PK136+000-186+000) - 50Km

The Contractor is Guangdong Provincial Changda Highway Engineering Co., Ltd. (CGCD) Contract was signed on 28th December 2017, Commencement Date is 19th January 2018.

Since start date they have executed:

- 10.8 Km Base course overlay over shoulder (Cross fall adjustment)
- 2.6 Km RC pipe Side drain
- 1.7 Km V Shape side drain
- 0.1 Km U-Shape RC Side drain

Their physical progress during this quarter was 3.0% (during this month 1.5%) and 7.5% Accumulative progress that is the lowest rank between four packages.

2.4. Package CW3-NR7 (PK186+000 to PK243+400) - 57Km

The Contractor is Sichuan Road and Bridge (Group) Corporation Ltd. (SRBG) Contract was signed on 05th February 2018, Commencement Date is 10th February 2018.

The Contractor has installed the Hot Mix Plant (HMP) and started the production.

Since start date they have executed:

- 1.8 Km Asphalt Concrete (AC) over new base overlay
- 5.0 Km Base Course overlay
- 9.0 Km Widening shoulder for base course and AC overlay
- 2.8 Km Side drain of RC pipe
- 1.3 Km V Shape side drain

Their physical progress during this quarter was 7.0% (during this month 4.0%) and 11.8% Accumulative progress that is the 3rd rank between four packages.

2.5. Package CW4-NR7 (PK243+000 to PK300+000) - 57Km

The Contractor is Guangdong Provincial Changda Highway Engineering Co., Ltd, Contract was signed on 28th December 2017, and Commencement Date is 19th January 2018.

Progress of this package is the best between 4 civil work packages, they have timely mobilized the Camp Facilities, Asphalt Plant, other plant, equipment, machines and the stock piled material.

Their physical progress during this quarter was 29.5% (during this month 18.5%) and 38.0% Accumulative progress that is the best (1st rank) between four packages.

Since start date they have executed:

- 9.3 Km Asphalt Concrete (AC) over existing DBST surface
- 11.2 Km Asphalt Concrete (AC) over new base overlay (Total AC 20.5 Km)
- 16.0 Km Base Course overlay
- 0.5 Km U-Shape RC Side drain
- 5.1 Km V Shape side drain

The Contract Data, Mobilization Progress, Work done are shown in Table below:

Table 3: Data and progress of 4 Civil Works Contracts Packages

Description			PkgCW1	PKgCW2	PKgCW3	PKgCW4	Remark
Letter of Acceptance (Date)			9-Jan-18	5-Dec-17	27-Dec-17	5-Dec-17	
Start Date (45days)			23-Feb-18	19-Jan-18	10-Feb-18	19-Jan-18	
Completion Date			23-Aug-22	19-Jul-22	10-Aug-22	19-Jul-22	
Length (Km)			54.3	50	57	57	
Location			NR3_ 147.1-201.4	NR7_ 136-186	NR7_ 186-243	NR7_ 243-300	
Province			Kampot-Sihanouk Ville	Tbong Khmom	Tbong Khmom - Kratie	Kratie	
Contractor			SRBG	CGCD	SRBG	CGCD	
Statues			Ongoing	Mobilized	Mobilized	Ongoing	
Contract Period			54 months	54 months	54 months	54 months	
Time for improvement			18 months	18 months	18 months	18 months	
Complete Date of Improvement Works			23 rd August 2019	19 th July 2019	10 th August 2019	19 th July 2019	
Time for Maintenance			36 months	36 months	36 months	36 months	
Elapsed Time			10.20 months	10.43months	10.63 months	10.43 months	
Contract Price			8,170,599.59\$	10,701,255.58\$	8,798,863.00\$	9,388,770.39\$	
Revised Contract Price			8,977,902.65\$	11,887,341.81\$	9,989,639.05\$	11,027,181.99\$	
Amendment One Amount			807,303.06\$	1,186,086.23\$	1,190,776.05\$	1,638,411.60\$	Total \$4,822,576.94
Progresses	Accum.	Scheduled	34.60%	44.90%	34.80%	48.20%	
		Achieved	17.50%	7.50%	11.80%	38.00%	
	In this month	Scheduled	9.00%	10.00%	9.00%	11.00%	
		Achieved	5.50%	1.50%	4.00%	18.50%	
Implementation Progress Work Done			Satisfactory	Not Satisfactory	Not Satisfactory	Satisfactory	
Mobilization			95%	60%	90%	98%	

Description	PkgCW1	PKgCW2	PKgCW3	PKgCW4	Remark
Set out/prepare	65%	45%	50%	70%	
Base Course Executed Km %	9.5 Km, 24.10%	-	5.0 Km, 33.60%	16.0 Km, 28.30%	
AC Executed Km %	10.7 Km, 20.00%	-	1.8 Km, 3.20%	20.5 Km, 36.00%	
Side Drain Km %	5%	9.5%	9.5%	27.80%	By ESC, SSC and RSA

Table 4: Social Safeguard of 4 Civil Works Contracts Packages

Description	PkgCW1	PKgCW2	PKgCW3	PKgCW4	Remark
Number of personal trained in GBV/VAC	22	27	28	34	Next training schedule on 18-01-19
Number of staff and worker are female and male	12 females 81 males	32 females 98 males	18 females 144 males	19 females 361 males	
Social Safeguard/Environment-Monitored	Yes	Yes	Yes	Yes	
Gender Based Violent (GBV Training Date)	30 th Nov 2018 and 18 th Dec 2018	12 th Sept 2018 and 19 th Dec 2018	14 th Sept 2018	24 th Aug 2018 and 7 th -8 th Nov 2018	
Monthly Monitoring by ESC and SSC every month reported	Every Months	Every Months	Every Months	Every Months	
Community Road Safety Audit and monthly site visit /and Training Workshop	Every Months	Every Months	Every Months	Every Months	

Issues, challenges, problems and solutions:

- The main issue is the delay on the implementation of improvement works on 3 packages CW1, CW2, CW3.

Considering the records and Contractor's Correspondence; The Employer has fulfilled his commitments.

Contractor's problems are summarized below:

- Inadequate Site Management and skilled staff for implementation of OPRC Contract i.e. skilled experienced staff for design and self-control of quality and safety, site management and overcoming the construction challenges.
- The lack of communication in English or Khmer language increases the problems and prevented the contractor to employ available national engineers, operators and workers, efficiently.
- Lack of cash flow (probable).
- Incomplete mobilization for plants, machines, equipment, i.e. HMP (CW2), lab equipment and survey instruments.
- Lack of experience and knowledge for Road Operation and road construction work (Preparation of working drawings) that are required for OPRC contracts.

Under World Bank guidance issued in the 4th and 5th Review Mission (May, Oct 2018) the Employer and ISWS tried to cooperate with Contractor to solve the above mentioned problems i.e:

Employer/ISWS held many meetings, issued contractual notices and discussed with Contractors, explored problems and found solutions.

Besides the resident ISWS staff, international visiting specialist for drainage design, soft soil and highway have also been attended and organized training workshops for Contractors' staff and ISWS site staff.

In result of that, the Contractor of Pkg CW4 progressed well, completed 20.50 Km of AC overlay, also CW1 completed 10.70 Km of AC overlay.

2.6. Variation

After bidding and due to the competition between bidders of 4 civil contracts, in light of cheap bitumen in the international market at the bidding date, comparing to cost estimate of project, created saving and additional budget for extension of length of project roads and opportunity for enhancement of durability and serviceability of the Project Roads. To maximize cost effectiveness of project, the IDA during review meetings in May and Oct 2018 discussed for the introduction of Amendments and Variations to the signed Civil Works Contract Packages CW1, CW2, CW3 and CW4 for enhancement as follows:

- a) Adding 31.25 Km to the end of Civil Works Contract Package CW4 at NR7-PK300+000 to connect the Project Road to the roundabout in out skirt of Kratie city, PK331+250.
- b) Strengthening the proposed pavement on 4 Civil Works Packages, including:
 1. The SBST over shoulder to be changed to Asphalt Concrete (AC) the same thickness as carriageway.
 2. The 4 cm minimum thickness of AC overlay over carriageway to be changed to 5cm minimum thickness.

Under guidance of Project Director, ISWS and Contractors reviewed and prepared the preliminary design and cost estimates for proposal of variation No.1 for 4 civil works contracts.

World Bank issued "NOL" for variation No.1 of 4 Packages the Contractor's invited to sign contract. The works on site executed according to approved variation.

The Summary Cost Estimate of variation No. 1 for CW1, CW2, CW3 and CW4 are shown in Table 5 below:

Table 5: Summary Cost Estimate of variation No. 1

Contract No.	Original Contract	Changing SBST Shoulder to AC 5cm and SBST Access Road to AC 4cm	Changing Carriageway AC 4cm to AC 5cm	Variation No.1	% of VO.1	Other Required V.O	Total Required VO	% of VO.
	Amount (USD)	Amount (USD)	Amount (USD)	Amount (USD)			Amount (USD)	
CW1	\$8,170,599.59	\$405,794.43	\$401,508.63	\$807,303.06	9.88%	\$1,664,901.17	\$2,472,204.23	30.26%
CW2	\$10,701,255.58	\$383,628.37	\$802,457.86	\$1,186,086.23	11.08%	\$1,240,459.78	\$2,426,546.01	22.68%
CW3	\$8,798,863.00	\$637,041.19	\$553,734.87	\$1,190,776.05	13.53%	\$1,271,863.65	\$2,462,639.70	27.99%
CW4	\$9,388,770.39	\$917,656.80	\$720,754.80	\$1,638,411.60	17.45%	\$1,345,375.71	\$2,983,787.31	31.78%
Total	\$37,059,488.56	\$2,344,120.79	\$2,478,456.15	\$4,822,576.94	13.01%	\$5,522,600.30	\$10,345,177.24	27.92%
KH-MPWT-4-CW-RFB Renovation of NR7 (300+000 to 331+250)		\$6,239,592.12					\$6,239,592.12	66.46%
Total Variation for 4 Civil Works							\$16,584,769.37	
Grand Total including Original Contract							\$53,644,257.93	

2.7. Training on Gender Based Violence (GBV) and Violence Against Children (VAC)

Contractor packages CW2, CW3 and CW4, entered in a contract agreement with CDOH and CW1 with PFDA organization for training and handling the GBV and Child Protection, HIV-AIDS and Human Trafficking Prevention Program for Contractor.

During this quarter the training sessions were held on 30th November 2018 in Trapaing Ropov village, Trapaing Tnoat commune, Teuk Chhou district, Kampot province, on 18th December 2018 in Trapaing Thnot village, Trapaing Tnoat commune, Teuk Chhou district, Kampot province, on 19th December 2018 with Road Workers at PK159 of NR7, Chrak Chambak village at PK137 of NR7 and 7th -8th November 2018 in Contractor CW4's campsite and Kbal Trach village at PK248 and PK249 of NR7. The detailed report is attached in (Annex 4).

The next GBV training is scheduled to be organised by World Bank/MPWT in January, February and March 2019.

2.8. Community Based Road Safety Program (IDA Credit No. 5789-KH)

Since April 2018 National Road Safety Team (CDOH - TL + Assistant) every months travelled to NR7 and NR3 according to their TOR under supervision of PMU and ISWS provided the following services:

- Routine auditing the Road Safety issues on NR7 and NR3
- Reported the observed hazards to MPWT/RAMP-II, ISWS and Contractor attended in site meeting with Contractors and ISWS discussed and improved Road Safety conditions effectively.
- Conducted 7 training workshops for Community Based Road Safety Networks (CBRSNs) in 11 communes and 33 schools, the targeted commitments will cover 102 village, 25 communes/Sangkat and 63 schools.
- Conducted 25 awareness raising (group discussions) on road safety in the community.
- 10,000 posters and 50,000 leaflets were printed to distribute for Community-Based Road Safety Program (CBRSP).

- 540 Helmets were procured and printed to distribute for Community-Based Road Safety Program (CRRSP).
- Reviewed the proposed road furniture and issued recommendations for improvement of road safety on current civil work contracts and future development.
- Issued good monthly report regularly

CDOH Team consisting of 2 National Road Safety Expert, TL and Program Coordinator has commenced its assignment from 2nd April 2018 and under Supervision by RAMP-II PM and TL/PM ISWS, their workmanship and efforts have been enhanced and the basis for full beneficial advantages of program has been established.

CDOH has issued 8 monthly reports for April, May, June, July, August, September, October, November and December 2018. A copy of Community Based Road Safety Report-October 2018 is attached (Annex 3).

2.9. Safeguard Monitoring

Safeguard Monitoring consists of two main aspects of environment and social issues. Environmental safeguard monitoring is handled by a national individual Environmental Supervision Consultant (ESC) Mr. Kong Sopheak and Social safeguard monitoring is handled by a national individual Social Supervision Consultant (SSC) Mr. Seang Bora. Both of them have worked closely with ESO under supervision of MPWT RAMP II PM and TL ISWS. With a close coordination from ISWS, ESC and ESO has visited all campsites during the reporting month and attended to the all related issues accordingly. During the site visit, ESC, SSC, and ESO observed construction of campsite for CW1, CW2, and CW3 is still under construction except CW4. There were no major concerning issues that have been found at campsite during site visit. However, although, prior to drainage construction, SSC, ESC, and ESO in collaboration with MPWT counterparts and contractor conducted public consultation at each drainage construction sites in order to inform local people especially business owner about the potential impacts during drainage construction periods, contractors are reported not to provide access road to pedestrians and house/shop owners. Contractor has been requested to provide access road to pedestrians and house/shop owners following the EMP and CEMP. The detailed report is attached in (Annex 2).

Chapter 3 - Consultant/Engineer's Services

3.1. Progress Status

3.1.1. Mobilization

The Consultancy Services / Implementation Support and Works Supervision (ISWS) Contract Agreement was signed on 29th May-2018. The timely mobilization of Project Team enabled the ISWS to commence its delivery of services right way after signing the Consultancy Agreement.

The implementation Support and Works Supervision (ISWS) Consultant has officially commenced its activities on 29th May 2018. Since start Team Leader, International Material Engineer (Pavement Specialist), National Senior Resident Engineer and two other key persons have been mobilized and started the delivery of ISWS service very efficiently. To this date 10 key persons and 16 non key persons of ISWS have been mobilized. The details of mobilization are shown in table 6 below:

Table 6: Mobilization Consultant's Staff

No.	Name	Position	Mobilized	Remarks
KEY Experts-International				
K-1	HAKAMI, Mehdi	Int. Team Leader (ITL)	29-May-18	
K-2	LEE, Kyung Geun	Int. Resident Engineer 1 (IRE)	3-Dec-18	
K-3	C. Jeevanantham	Int. Resident Engineer 2 (IRE)	9-Aug-18	
K-4	Ahmed, Sardar Syed	Int. Material Engineer (IME)	29-May-18	
KEY Experts-National				
K-5	Thai Kheang	Nat. Senior Resident Engineer (NSRE)	29-May-18	
K-6	Pong Vireak	Nat. Resident Engineer 1 (NRE-1)	2-Jul-18	
K-7	Ay Sokha/Chea Vong Socheat	Nat. Resident Engineer 2 (NRE-2)	17-Dec-18	
K-8	MOUN Sokmeth	Nat. Resident Engineer 3 (NRE-3)	6-Jun-18	
K-9	Ty Sopheak	Nat. Material Engineer (NME)	29-Nov-18	
K-10	CHREUNG Sok Tharath	Nat. B.M.E Expert (NBME)	3-Sep-18	
K-11	Dy Sotha	Nat. Senior Surveyor 1 (NSS-1)		
K-12	Tith Sophal	Nat. Senior Surveyor 2 (NSS-2)	17-Sep-18	
Non-KEY Experts-International				
N-1	MAVI, Inderjit Singh	Int. B.M.E Expert (IBME)	4-Sep-18	
N-2	KIM, Ki Song	Int. RDCMU Strengthening (IRDCMU)	21-Oct-18	
N-3	MANDAI, Avik	Int. Visiting Specialist (Soft Soil)	16-Sep-18	
N-4	GUPTA, Rajesh	Int. Visiting Specialist (Hydraulic)	9-Aug-18	
N-5	LEE, Jong Ho	Int. Visiting Specialist (Highway)	15-Oct-18	
Non-KEY Experts-National				
N-6	THOU Chamroeun	National Inspector 1	3-Jul-18	

No.	Name	Position	Mobilized	Remarks
N-7	VONG Rotha	National Inspector 2	17-Jul-18	
N-8	Lang Len	National Inspector 3	23-Jul-18	
N-9	KEN Vanna	National Inspector 4	28-Aug-18	
N-10	Ven Vandan	Nat. Assistant Inspector 1	28-Aug-18	
N-11	SOEURM Thon	Nat. Assistant Inspector 2	2-Jul-18	
N-12	Pol Brachak	Nat. Assistant Inspector 3	2-Jul-18	
N-13	CHEA Sareth	Nat. Assistant Inspector 4	2-Jul-18	
N-16	Sang Vuthy	Nat. Assistant Inspector 5	19-Dec-18	
N-17	Sek Chentra	Nat. Assistant Inspector 6	19-Dec-18	
N-18	Ros Villa	Nat. Assistant Inspector 7	19-Dec-18	
N-19	Hun Sokha	Nat. Assistant Inspector 8		
Supportive Staff				
N-14	Kong Srey Leak	Supportive Field	29-May-18	
K-15	Thai Phanne	Supportive Office Staff	11-Jun-18	

3.1.2. Consultant's activities during this month

The delivered services:

a) Engineer/Project Manager Duties:

- (i) Acted as Project Manager under Sub-Clause 16.1 of GC (the same as FIDIC-Engineer) and Assisted MPWT-RAM-II to administrator the execution of 4 Civil Works Contract Packages for Maintenance and Strengthening of NR3 (Package CW1) and NR7 (Packages CW2, CW3 and CW4).
- (ii) Reviewed the bid documents and provided information for 4 Contractors of Civil Works Contract Packages.
- (iii) Collected and attended to information and correspondence submitted by Contractors prior to ISWS Consultant mobilization.
- (iv) Held management meetings with Contractors, Employer's representatives to monitor progress, identify problems and recommending solutions. Four official meetings with Contractors and many daily discussions with Project Manager and Key Staff of Contractors to explain guide and direct them for contract administration and smooth progress.
- (v) International visiting specialist (IVS) have been mobilized (see mobilization table) and attended to the duties in accordance with TOR including:
 - Benefit Monitoring and Evaluation
 - Hydraulic Drawing Design
 - Soft soil in NR3 (CW1)
 - RDCMU Strengthening
 - Highway

b) Coordinated and Supervised Services by National individual Consultants:

- (i) For Environmental and Social Safe Guard issues.
- (ii) Coordination and Supervision of Services provided by Community Based Road Safety Audit Consultants (CDOH).

(iii) Coordination with Gender Based Violence (GBV) Consultant.

c) Since the commencement of the Implementation Support and Works Supervision (ISWS) team

A good amount of Consultant's time was spent to review and streamline the correspondence made by the contractors since their contract awarded on 28th December, 2017 for Guandong Provincial Changda Highway Engineering Co., Ltd (CGCD) and on 5th February, 2018 for Sichuan Road and Bridge (Group) Corporation Ltd (SRBG) respectively. Team Leader with consultant's limited members in June, 2018 were able to enhance the overall performance of the contractors. Visited all sections of project roads under NR3 and NR7 and identified problematic areas or issues that shall be addressed prior to design and Execution of Base Course/AC overlay.

3.1.3. Inspection of Contractors' Improvement Works

ISWS consultant's Team Leader, IRE and REs have frequently visited contractors' activities for NR3 and NR7. Contractor for CW-4 have mobilized and made a good progress, CW1, CW3 and CW2 also continued their mobilization of construction for improvement works that their detailed work done reported in other section of this monthly report.

3.2. Encountered Problems

1- Contractors are not familiar with the OPRC Contract Management and Specification. They had assumed the contract is a traditional construction contract and expecting the Employer/Engineer to issue detailed working drawing and their duty is the implementation of the given design and receiving payment for their input. During this period Employer and ISWS tried their best to have the Contractor staff to review and learn principles of OPRC project management for improvement works and maintenance.

Actions taken 1: During this period, top management meetings were held with both contractors with their key persons and their familiarity of their staff examined and found they need farther reviewing the contract documents. So TL, IRE, NSRE and ME held many meetings with contractor's key staff and guided them about the pavement design, testing, side drain adjustment and other technical issues in result the testing and survey work started on CW1, CW2, CW3 and CW4. This campaign, pushing Contractor is progressing but except for CW4 and CW1 still in CW3 and CW2 hasn't been up to expectation.

The competency level of Contractor's technical staff is much below the required skill for road construction specially preparation of working drawing for pavement, side drain and quality assurance/control/QA/QC. This caused despite efforts by ISWS team, the preparation of standard longitudinal/cross section for pavement work took along time.

By mobilization of 2 IRE and holding meetings with Contractors, it is agreed that the Contractor's staff to be more cooperative to attend in training courses to be inducted by ISWS team. Also, to strengthen their technical abilities by employment of more experienced Cambodian Engineers.

2- Both Contractors though have signed their contracts in Dec 2017, Jan and Feb 2018, by end of July hadn't submitted their complete acceptable program, QA/QC manual, EMP and methods statements for review and approval by Project Manager. Their submissions mainly were not complied with requirement of Specification. Contractors have repeatedly been advised to correct and complete their reports/plan and resubmit.

Actions taken 2: - by sending the contractual notices and during meeting contractors inducted about the requirement of OPRC Specification that in result the contractors eventually submitted the preliminary programs for CW1 and CW4. ISWS Consultant keep up its efforts to push the contractors for better progress on preparation, design and physical works. But the progress still is not adequate.

This is necessary to mention that still the joint attempts of Employer/ISWS to direct and guide Contractor for enhancement of quality, Road Safety and Environmental Protection, tirelessly are continued. Employer mobilised 4 persons on each NR7 and NR3 to cooperate with Contractors for related issues involved with community and local government offices

3.3. Contractor's Self Quality Control Unit

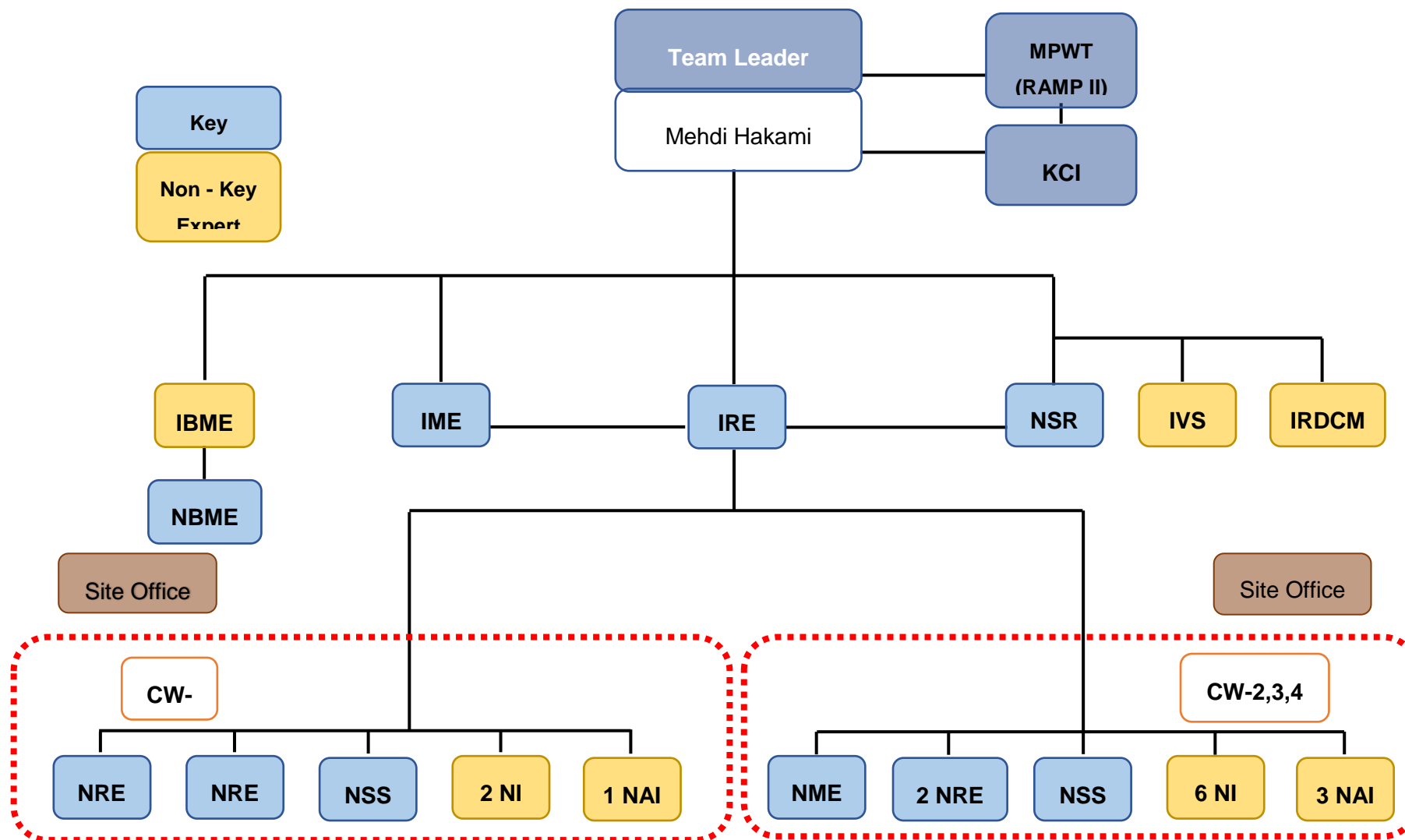
Clause 25 of GC requires "The Contractor shall establish and maintain a QA/QC System to ensure the compliance with Specification and provide all QA/QC documentations" Contractors have established the system but so far could not prove their competency for handling the QA/QC system. As according to TOR the Number of ISWS site inspectors are limited, ISWS would not be able to control quality effectively when all Contractors start pick activities. So it is suggested to:

- Enforce Contractors to strengthening their own quality control supervisors for checking the work activities and provide QA/QC documentation and
- The number of site inspector of ISWS to be increased to ensure contractor's compliance with QA/QC procedures.

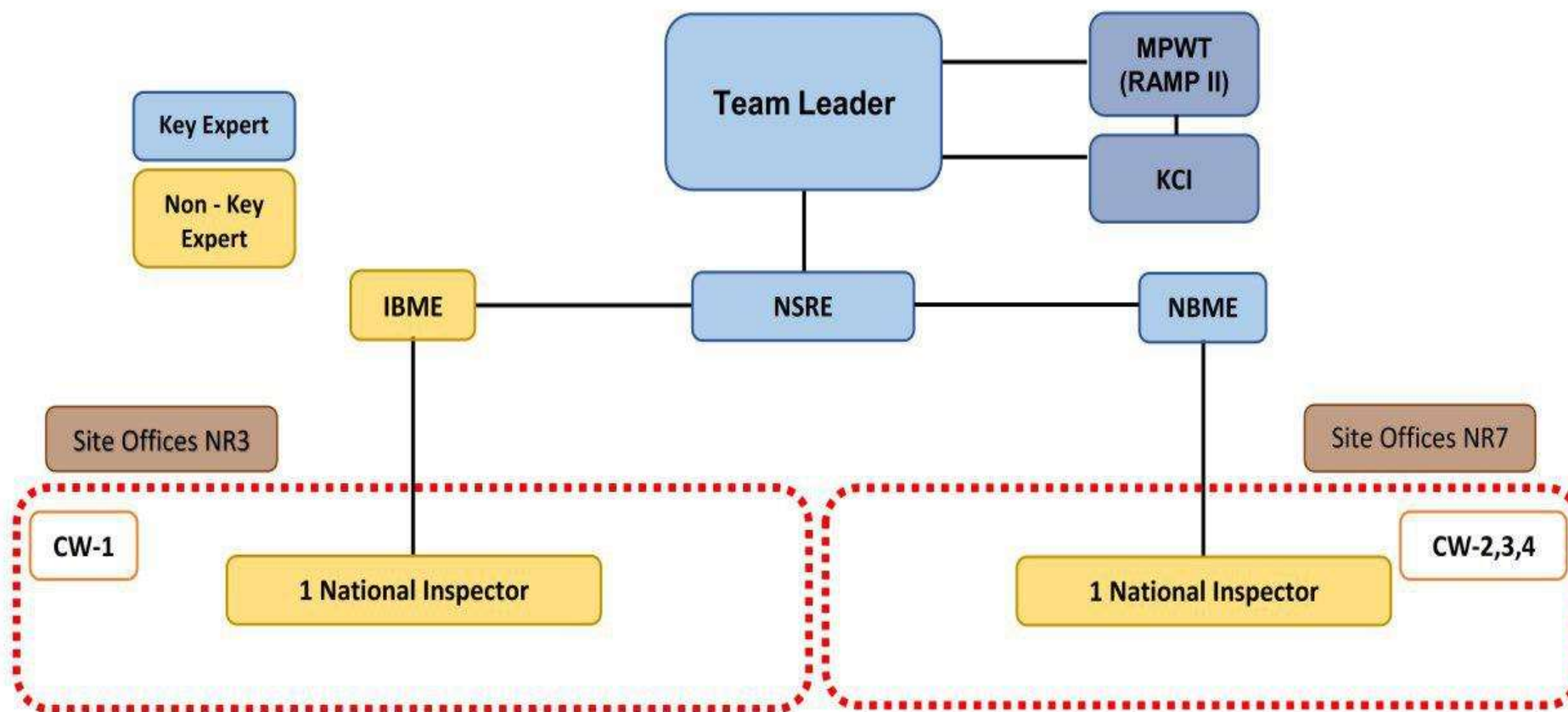
The above suggestions have been pursued by ISWS, the Employer agreed to readjust the Supervision Program and without any additional input to provide 4 Assistant Inspector for improvement period.

3.4. Organization Chart

- Rehabilitation and Improvement Phase (18 months)



- **Performance Based Contract (PBC) Phase (36 months)**



3.5. Financial Status (Consultant)

3.5.1. Contract Price and Amendment

Description	Amount including Taxes	Amount excluding Taxes
Original Contract price	USD 3,133,826.95	USD 2,708,310.00
Amendment No.1 for Design Services of NR4	USD 909,643.09	USD 794,000.00
Amendment No2 for replacement of RE	NIL	NIL
Total	USD 4,043,470.04	USD 3,502,310.00

3.6. Quality Control

It's the major service of the Engineer/Project Manager to ensure the quality of work done by the Contractor, a close day to day supervision and checking of quality isn't supposed to be carried out by the Engineer's team. Engineer has to monitor and check the Contractor's QAP for controlling the quality by carrying out all the required testing and sampling as per specification requirements and all these works were recorded in QAP forms (Summary Test Results, RFI, Site Instruction, Non-Compliance...). QC/QA Table for each Civil Work Contract as shown in their related Chapter in the Contractor's QAP and Specification.

3.7. Safeguard Compliance

In the RAMP-II-MPWT project, the environment and social impacts of the project were identified in the Environment and Social Safeguard Framework (ESSF) and the mitigation measures of these impacts have been addressed through Environmental Management Plan (EMP). The protection and enhancement of human-wellbeing is a common demonstrator for both government and donors system and can be seen as ultimate goal of sustainable development.

The road maintenance project is in category B of environmental and social safeguard classification, which is less sensitive to the adverse environmental and social impacts. The contractor, however, still oblige to comply with all the rules and regulations laid down by Cambodian environmental law and regulation and implement according to EMP submitted to and approved by MPWT.

Though in RAMP-II the responsibilities of monitoring of "ESSF" are on 2 National Individual Consultants but ISWS plays a vital role in ensuring that the environmental and social impacts for implementation of the construction works are minimized and that all aspects of the Environmental Management Plan (specify in technical specifications) are implemented and provide assistance to mitigate and managed any unforeseen environmental problems associated with the RAMP-II project.

The ESS will pay particular attention to this area and advice the contractor accordingly as to the proper procedure to be followed and the necessary permits which have to be obtained before commencement of work.

The ESS made site visit in this month and under guidance by ESO, RAMP-II PD/PM and TL effectively attended to the important tasks outlined in the Environmental and Social Safe Guard Framework of RAMP-II. All issues or concerns will be discussed with TL and PD/PM before further implementation of the road maintenance activity.

Chapter 4 - CW1-NR3

4.1. General Contract Data

Contract No:	KH-MPWT-1-CW-RFB
Contract Name:	Maintenance and Strengthening of National Road No.3
Length and Section:	54.3 km (from PK147+100 to PK201+400)
Contractor:	Sichuan Road and Bridge (Group) Corporation Ltd.
Donors:	IDA Credit No 5789-KH
ISWS Consultant:	Korea Consultants International Co. Ltd.
Letter of Acceptance issued:	09 th January 2018
Contract Agreement Signed:	05 th February 2018
Commencement Date:	23 rd February 2018
Contract Period:	54 months
Contract Completion Date:	23 rd August 2022
Time for Completion of Improvement works:	18 months (23 rd August 2019)
Signed Contract Amount:	US\$ 8,170,599.59
Performance Guarantee:	10%- valid up to 31st August 2022
Advance Payment:	US\$ 992,546.07
Amendment One:	US\$ 807,303.06
Final Contract Price:	US\$ 8,977,902.65

4.2. Progress Status

4.2.1. Project Location Map



The project road connects Kampot, city of the Kampot Province, stretching along the southern coast 54.3 km westwards, to Veal Rinh where it joins with NR 4 that leads to the port of Sihanoukville. The road passes on a comfortable alignment through flat/wavy terrain along the toe of hilly land. The traffic on the road is a medium mix of private cars and quite heavy trucks that contribute mainly to the road wear. Axle load control, however, is undertaken regularly at PK200+ 770.

The Kampot-Veal Rinh section of NR3 in RAMP-II is located in Kampot and Preahsihanouk provinces. The section covered by RAMP-II starts in Kampong Bay Chhoeng village, Kampong Bay commune, Kampot district, from the T-junction at Kampot market (PK147+100) and terminates at Km 201+400 at Roundabout with national road N°4 (Veal Rinh). The length of this section is 54.3 km.

Contractor's Site Camp for CW1 is located at PK 140+500 on a cleared private land of Hok Chenda Construction Co., Ltd on right side approximately 3.5km off NR3(PK140+500) near the quarry in Thmei village (approximately 2.5Km away from residential area) in Thmei commune in Teuk Chhou district in Kampot Province

Engineer's Office and Accommodation is located along the National Road No. at PK 145+500 (RHS) in Krang Ampel Village, Krang Ampel Commune in Teuk Chhou District in Kampot Province. Despite of mobilization of RE, 2 site inspectors and 1 Senior. Surveyor still contractor hasn't furnished fully for the Engineer's office.

4.2.2. Physical Progress

During this quarter, Contractor has done some activities as:

- The Contractor has provided the Office and Housing Accommodation for the Engineer since 30 July 2018 and The Contractor has provided 2nd Housing Accommodation for the Engineer since 31 December 2018.
- The Contractor's Hot Mix Plant (HMP) for AC was completed and trial section executed at PK153+200 to PK153+260.
- Repaired potholes (temporary work) from Pk.149+300 to 149+400, pk.151+000 to 153+000, Pk.154+060 to Pk.154+600, Pk.155+000 to Pk.158+980(BHS), completed L=6.62Km.
- Reconstruction Base Course strengthening sections damaged surface road from PK151+200 to PK151+325 (BHS), PK159+220 to PK159+300 (BHS), PK159+350 to PK159+600 (BHS), PK160+300 to PK160+350 (BHS), PK161+300 to PK161+450 (BHS), PK161+100 to PK162+400 (BHS) and PK163+950 to PK164+180 (BHS).
- Scratching existing road surface from Pk.161+000 to Pk.165+100 (BHS), Pk.168+400 to Pk.170+500 (BHS),
- Overlaid Base Course from PK161+000 to PK170+500 (BHS), approximately 9.50Km length completed.
- AC Overlay on new base course from PK161+250 to PK165+060(BHS), Pk.165+260 to Pk.168+900(BHS) and AC overlay on existing DBST from Pk.153+025 to Pk.156+500 (BHS), approximately 10.70Km length completed,
- Checked survey top Base Course completed from PK161+000 to 171+000(L=10.00Km), AC completed from Pk.153+100 to 155+000 & 161+350 to 168+800 (L=9.35 Km.) and drawing completed from PK161+000 to PK175+500
- Scarified Mixed and compacted existing road damaged surface during flood from PP151+200 to PK151+400 (BS), PK155+360 to PK155+390 (RHS), PK176+060 to PK176+700 (BS), PK179+800 to PK180+500 (BS), PK184+160 to PK184+550 (BS), PK186+590 to PK186+780 (BS), PK187+410 to PK187+580 (BS) and PK196+300 to PK199+000 (BS)
- Pit test PK148+243 to PK201+000 (BHS) completed will submit the results and pavement design as soon as possible
- Resurvey existing road completed from PK148+243 to 201+000, and drawing completed from PK161+000 to PK169+000
- Mobilized Staff as listed below

Expatriate staff mobilized up to date

No.	Position	Name
1	Road manager	Tang Tianjian
2	Pavement Engineer	Deng Yucan
3	Material Engineer	Mr. Jiang Long
4	Quality Manager	Luo Qing
5	AMP plant manager	Zhang Xuewu
6	Mechanic Manager	Yang Zhengwen
7	Mechanic	Lyu Bo
8	Surveyor	Wu Jibin
9	Assistant Material Engineer	Wang Lin
10	Assistant Surveyor	Mr. Chab Saly (Cambodian)
11	Operator	Tang Shubin
12	Logistic Staff	Shu Taifen
13	Logistic Staff	Xiong Zuojun
14	Accountant	Wang Yijin
15	Contract Specialist	Peng Yue
16	Site Engineer	Yang Xiaojun
17	Site Engineer	Wu Zonglin
18	Electrician	Zhou Yinchun
19	Foreman (Former Operator)	Tu Zhenggang
20	Foreman (Former Operator)	Zhang Wei
21	Foreman	Yuan Xue Zhong

Local Staff:

No.	Description	Male	Female	Nos.
1	Labour	30	3	33
2	Driver	3	0	3
3	Operator	18	0	18
4	Khmer Translator	2	2	4
5	Repairman	7	0	7
6	Cook	0	3	3
7	Cleaner	0	2	2
8	Site Engineer	1	0	1

No.	Description	Male	Female	Nos.
9	Surveyor	1	0	1
Total:				72

Mobilized Equipment as listed below:

No	Description	Contract	Actual on site (Functional)	Under Repair	Remarks
1)	Pneumatic-tired roller≥14T	3 units	2		
2)	Steel-wheeled roller 8-2T	4 units	1		
3)	Vibrating roller 25T	4 units	1	-	
4)	Crawler Excavator	1 unit	1	-	
5)	Excavator (Tire),	-	1	-	
6)	Motor grader	-	1		
7)	Bitumen Truck sprayer		1		
8)	Asphalt Concrete paver with width 4-7m	2 units	1	-	
9)	Trailer		1	-	
10)	wheel loader (big)		2	-	
11)	Wheel loader (small),		1		
12)	Broom truck (small)		1		
13)	Mobile Air Compressor		1	-	
14)	Generator		2	-	
15)	Pickup Car		4	-	
16)	Dumped Truck (18Cu.m)		5		rented local
17)	Asphalt Concrete Truck >10T (Dump Truck)	16 units	7		
18)	Water Truck	1 unit	1	-	
19)	Fuel Truck		1		
20)	Motor Grader			-	Rental Local
21)	Vibrator Roller			-	Rental Local

No	Description	Contract	Actual on site (Functional)	Under Repair	Remarks
22)	Water Truck		2	-	Rental Local
23)	Motor bike		2	-	
24)	Lorry (15t)		-		
25)	Lorry (3t)		1	-	
26)	Wagon Balance (Set)		1	-	
27)	Asphalt Concrete Mixing Plant	1 unit	1	-	
28)	Concrete Mixer		1	-	
29)	Mortar Mixer		1	-	
30)	Base Course Mixing plan		1	-	

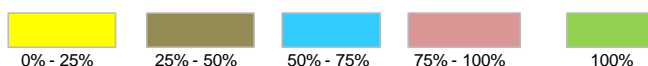
Contractor has preliminarily selected material sources as shown below:

Material	Source NR3
Quarry	PK 140+500 of NR3 (4km off the main road)
Sand	Kampot
Cement	Kampot
Bitumen	From Tipco (Thailand) and UAE
Reinforcement	Phnom Penh

- The details of the physical progress are shown in the table below:

Maintenance and Strengthening of National Road No.3									
Road Section			PK147+100 to PK 201+400						
Total Length (Km)			54.30 Km						
BoQ No.	Description	Unit	Revised Quantity	Original Amount	Revised Amount	Amount Done		% Complete	
						This Mon.	To Date	This Mon.	To Date
Bill No.1 - Improvement Work									
I	Improvement Works								
1	Base Course Overlay with 10.2m width and 10cm minimum thickness, from PK161+000 to PK177+500, 16.5Km and PK197+800 to PK199+400, 1.6Km	km	18.100	1,087,654.90	1,087,654.90	2.20	9.50	12.2%	52.5%
2	Base Course Overlay with 10.3m and 15cm minimum thickness from PK148+300 to PK149+300, 1Km and PK177+500 to PK197+800, 20.3Km	km	21.300	1,187,112.90	1,187,112.90	-	-	0.0%	0.0%
3	Asphalt Concrete Overlay with 10m width and 5cm min. thickness	km	53.50	-	2,961,943.13	1.10	10.70	2.1%	20.0%
II	Drainage and Protection Works						-		
1	Construction of drainage system type A with RC pipe dia.800mm, RC pit every @25m	m	6,349.00	438,081.00	438,081.00	-	-	0.0%	0.0%
2	Construction of U-shape RC Side Drain with RC cover, Type B1 and B2	m	496.00	18,637.00	18,637.00	-	-	0.0%	0.0%
3	Construction of V-shape Side Drain, type D1 and D2, incl. catch pit and all relevant ancillary works as required.	m	10,252.00	379,554.50	379,554.50	-	-	0.0%	0.0%
4	Construction of Earthen Ditch Side Drains, Type E	m	2,968.00	12,168.80	12,168.80	-	-	0.0%	0.0%
III	Ancillary Works						-		
	Road sign, Road marking, Guardrail, Guide post and Kilometer post	-	-	519,006.50	519,006.50	-	-	0.0%	0.0%
IV	Miscellaneous						-		
1	Rent, Fit out, Furnish and Maintain existing building as office accommodation for the Engineer	month	18.00	7,038.00	7,038.00	1.00	6.00	5.6%	33.3%
2	Rent, Fit out, Furnish and Maintain existing building as the Engineer's materials testing laboratory	month	18.00	7,038.00	7,038.00	1.00	2.00	5.6%	11.1%
3	Rent, Fit out, Furnish and maintain existing building as housing accommodation for the Engineer	month	36.00	17,604.00	17,604.00	1.00	7.00	2.8%	19.4%
4	Provide full time staff to work for the Engineer	month	54.00	33,462.00	33,462.00	3.00	10.00	5.6%	18.5%
5	Rental and Maintenance of Type B Vehicle for the use of the Engineer	month	54.00	195,768.00	195,768.00	3.00	12.00	5.6%	22.2%
6	Rental and Maintenance of Type C Vehicle for the use of the Engineer	month	36.00	5,832.00	5,832.00	-	-	0.0%	0.0%
7	Maintain Safe Traffic Operations	month	750.00	119,250.00	119,250.00	57.00	108.00	7.6%	14.4%
8	Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention Program (Maximum 18 Months-intermittent during the 54 months of contract duration).	month	18.00	15,912.00	5,310.00	-	-	0.0%	0.0%
Bill No. 2 -Rehabilitation Works									
1	All Items for Rehabilitation Works	-	-	464,034.00	464,034.00	-	-	0.0%	0.0%
Bill No. 3 - Maintenance Services									
1	Maintain service levels described in the Specifications and elsewhere in the contract, including bridges, culverts and structures. It further includes the activities of the Contractor related to self-control, quality assurance and material testing	Km.Month	1,954.80	879,660.00	879,660.00	-	-	0.0%	0.0%
Bill No. 4 -Emergency Works									
1	Emergency Works including all Items	-	-	343,117.10	343,117.10	-	269,163.83	0.0%	78.4%

Complete:



4.2.3. Progress Photos



Site visit of PD and TL on 12th October 2018



Site visit of TL on 14th October 2018



AC overlay on DBST, from Pk153+900 to PK154+060(NR3)



Contractor's HMP at site camp CW1



Site visit of PM-MPWT and TL on 10th November 2018



Compaction of Base course overlay from PK168+350 to PK165+600 BS



Site meeting of IRE and IME with SRBG on 21-22 and 31 December 2018 at Site Office Engineer



Field density test PK166+900 to 167+600 (BS)



CW1 Action core cutting AC at PK165+370



Survey team check top base course at PK169+000

4.3. Financial Status

4.3.1 Interim Payment Certificates and Disbursements (CW1)

Interim Payment Certificate (IPC)					Disbursements			
No.	For the Month of	Date Submitted	Date Approved by ISWS	IPC Amount	Funding Agency		Payment Condition	
				US\$	(WB-93% & RGC-7%)			
Advance payment		19/04/2018	17/05/2018 by MPWT	992,546.07	923,067.85	WB	Paid	
					69,478.22	RGC	Paid	
IPC No.1	Jun - Oct 2018	04/11/2018	19/11/2018	189,011.41	175,780.61	WB	Paid 19-12-18	
					13,230.80	RGC	Outstanding	
IPC No.2	Sep-18	25/12/2018	02/01/2019	77,327.23	71,914.32	WB	Outstanding	
					5,412.91	RGC	Outstanding	
TOTAL				1,258,884.71	Amount	Funding	Condition	Amount
					1,170,762.78	WB	Paid	1,168,326.68
					88,121.93	RGC	Outstanding	90,558.03

4.4. Quality Control

The generic QAP submitted. The Contractor advised to submit the specific QAP for the package and was introduced to the Contractor for the purpose of ensuring quality works and keeping record of all testing and sampling of the material to be used for the project and the completed works.

4.4.1 Summary of Tests Carried Out up to December 2018

Item	Discription of laboratory	Previous Month			This Month (December 2018)			Total up to date			Remark
		No of test	Pass	Failed	No of test	Pass	Failed	No of test	Pass	Failed	
A	MATERIAL SAMPLING										
1	Sub base Material										
2	Base course Material	1	1	0	0	0	0	1	1	0	
3	Cement testing	1	1	0	0	0	0	1	1	0	
4	Fine Aggregate Material	1	1	0	0	0	0	1	1	0	
5	Course Aggregate Material	2	2	0	0	0	0	2	2	0	
6	Trial mix of concrete	1	1	0	0	0	0	1	1	0	
7	Bitumen CSS-1	1	0	0	0	0	0	1	0	0	
8	Bitumen CRS-2	1	0	0	0	0	0	1	0	0	
9	Bitumen 60/70	1	0	0	0	0	0	1	0	0	
10	Sand for Asphalt concrete.	1	1	0	0	0	0	1	1	0	
11	Course Aggregate for AC.	1	1	0	0	0	0	1	1	0	
12	Combine Aggregate for AC.	1	1	0	0	0	0	1	1	0	
13	Asphalt Concrete job mix design.	5	1	4	0	0	0	5	1	4	
14	Marshall Test.	2	2	0	126	126	0	128	128	0	
15	Steel bar	0	0	0	0	0	0	0	0	0	
16	Unsuitable Material	0	0	0	0	0	0	0	0	0	
B	COMPLETED WORKS ON SITE										
1	Field density test of sub base	0	0	0	0	0	0	0	0	0	
2	Field density test of base course	36	33	3	199	192	7	235	225	10	
3	Application rate of Take coat. CRS-2	0	0	0	3	3	0	3	3	0	
4	Application rate of Prime coat. CSS-1	1	1	0	20	20	0	21	21	0	
5	Thickness of Asphalt concrete at sit.	3	2	1	140	127	13	143	129	14	
6	Marshall test.	6	6	0	112	108	4	118	114	4	
7	Compressive test of concrete	0	0	0	0	0	0	0	0	0	

4.5. Safe Guard Compliance

Prior to the road maintenance activities, under the guidance by Project Management (PM), ISWS, the Environmental Supervision Consultant (ESC), Social Supervision Consultant (SSC) and Environmental and Social Office (ESO) made a monthly visit to contractor's campsites and advice all contractors accordingly as to the proper procedure to be followed in the EMP, ESSF and the necessary permits which have to be obtained before commencement of work.

During the site visit 05-06 January 2019, ESC, SSC and ESO observed that the campsite is still under construction based on an approval drawing layout. It was about 95% done. There were no major concerning issues have been found at campsite. However, ESC encouraged contractor to follow the EMP and applied mitigation measures to mitigate all potential negative impacts to environment and project affected people. SSC, ESC, and ESO conducted public consultation to inform the local people especially business owners about the potential impacts during drainage construction periods. Most people reported happily and accepted short time disturbance from the project activities. Though they also suggested to speed up the construction activities and avoid delaying activities over one week per location. Also, they suggested contractors to provide access road to make sure they, i.e business owners, still be able to do their business as usual.

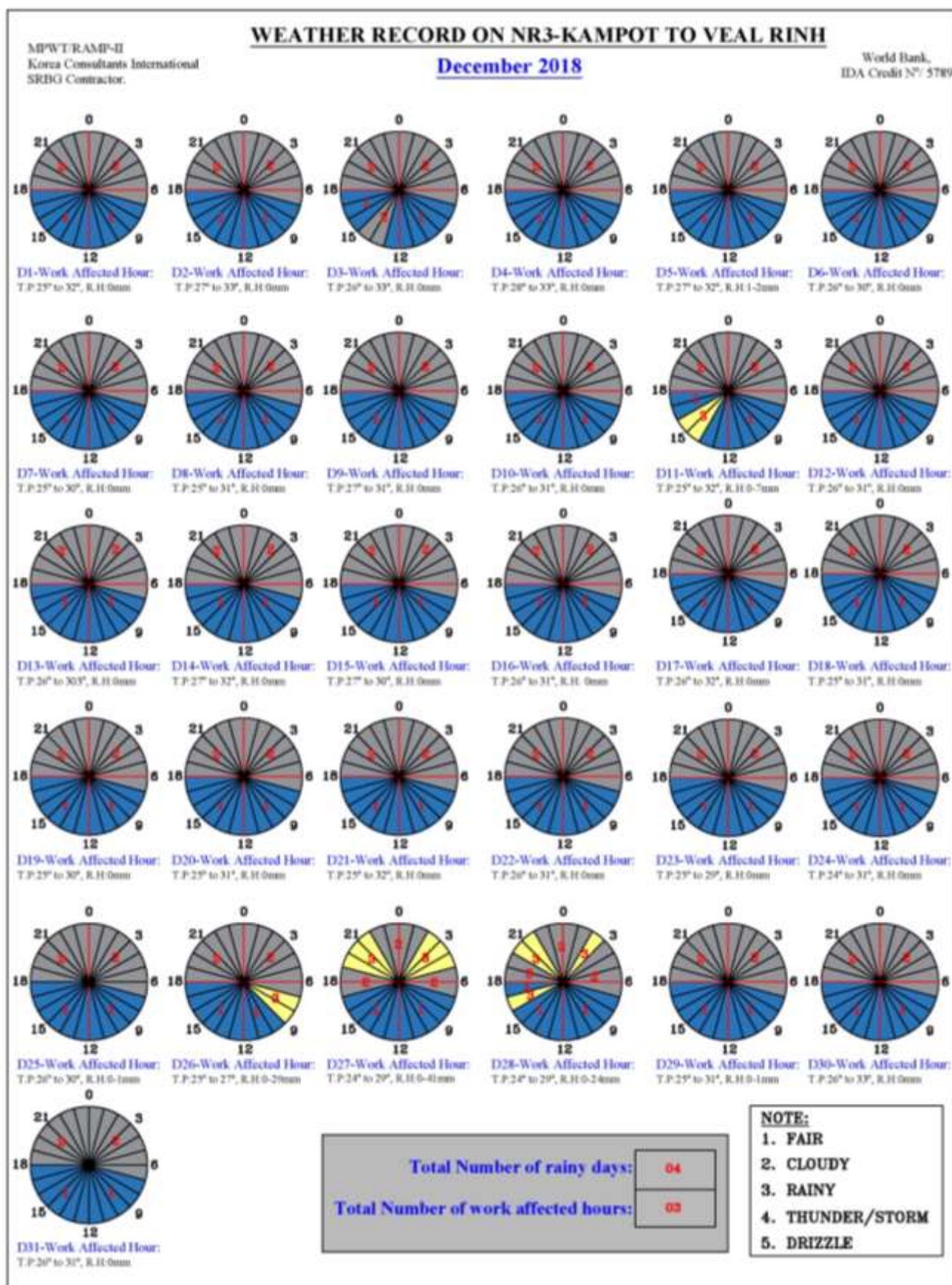
4.6. Other Related Issues

4.6.1. Events in this month

- Site Visited on October 12th, 2018 by:
 - H.E Mr Pheng Sovicheano, RAMP-II Project Director, Secretary of State, MPWT
 - Mr. Kang Phirith
Project Manager, RAMP-II, MPWT
 - Mr. Sar Vutha
Procurement Coordinator, RAMP-II, MPWT
 - Mr. Mehdi Hakami
Team Leader ISWS
 - Mr. Tang Tianjian
Road manager
 - And Delegates
- Site Visited on October 14th, 2018 by:
 - Mr. Mehdi Hakami
Team Leader, ISWS
 - Mr. Thai Kheang
National Senior Resident Engineer, ISWS
 - Mr. Tang Tianjian
Road manager
 - And Delegates
- Site Visited on November 10th, 2018 by:
 - Mr. Kang Phirith
RAMP-II – MPWT, Project Manager
 - Mr. Mehdi Hakami
Team Leader, ISWS
 - Mr. Thai Kheang
National Senior Resident Engineer, ISWS
 - Mr. Tang Tianjian
Road manager
 - And Delegates
- Site Visited on December 21-22 and 31th, 2018 by
 - Mr. Ahmed, Sardar Syed
Int. Material Engineer (IME)-ISWS
 - Mr. LEE, Kyung Geun
IRE, ISWS
 - Mr. Tang Tianjian
Road manager
 - And Delegates



4.6.2. Weather/Rainfall Records



Chapter 5 - CW2-NR7

5.1. General Contract Data

Contract No:	KH-MPWT-2-CW-RFB
Contract Name:	Maintenance and Strengthening of National Road No.7
Length and Section:	50.0 km (from PK136+000 to PK186+000)
Contractor:	Guangdong Provincial Changda Highway Engineering Co., Ltd.
Donors:	IDA Credit No 5789-KH
ISWS Consultant:	Korea Consultants International Co. Ltd.
Letter of Acceptance issued:	05 th December 2017
Contract Agreement Signed:	28 th December 2017
Commencement Date:	19 th January 2018
Contract Period:	54 months
Contract Completion Date:	19 th July 2022
Time for Completion of Improvement works:	18 months (19 th July 2019)
Signed Contract Amount:	US\$ 10,701,255.58
Performance Guarantee:	10%- valid up to 28 days after issuance of Taking-Over Certificate
Advance Payment:	US\$ 1,298,462.11
Amendment One:	US\$ 1,186,086.23
Final Contract Price:	US\$ 11,887,341.81

5.2. Progress Status

5.2.1. Project Location Map



The civil works package CW2 on National Road 7 (NR7) begins PK136+000 in Slab Kdaong village, passes through provinces Tboung Khmum

This section is located on plain terrain. The land use is mixed comprising agricultural, residential and industrial activities. It starts from Slab Kdaong village (PK136) to Sa Um village, Memut District (PK186) in Tboung Khmum province, its length is 50 Km. The main proposed works consisting of Base Course Overlay, Asphalt Concrete (AC) overlay, installation of side drains and Maintenance Services.

Contractor's Site Camp is located along the National Road No.73 on right side approximately 1km from junction of NR7 at station 159+500 in Sralob Village in Pratheat Commune in Tboung Khmum District in Tboung Khmum Province.

Engineer's Office is at PK 162+000(LHS) located in Pratheat Commune in Tboung Khmum District in Tboung Khmum Province.

5.2.2. Physical Progress

During this quarter, Contractor has done some activities as:

- Contractor has constructed the campsite including workers/staff accommodation and offices, overall 100% completed
- Contractor has provided facilities for Engineer's Office
- Contractor has provided one building for Engineer's Accommodation
- Site inspection with MPWT, PPWT, Contractor, Consultant Propose new side drain out of CW 2 BOQs by PPWT and Governor Tboung Khmum Province.

- Staff meeting between IRE, NRE, Inspector, Contractor CGDC verify side drain location compare with CW2 BOQs and inspection activities CW2 side drain installation.
- Completed foundation of casting yard for pre-cast U-drain and Pipe culvert at site camp, installed pipe fabrication machine and concrete mixing plant
- Rebar of pipe culvert and U-drain and its covered in progress
- Concrete pipe fabrication has installed and produced 1621 segments of concrete pipe drain (1 segment=2m).
- Excavated and installed RC pipe drain from PK143+400 to PK144+015(LHS), PK143+350 to PK 144+170(RHS) and PK168+270 to PK169+190
- Excavated and installed RC U-drain from PK 141+940 to PK 142+000 (RHS)
- Side drain excavation and V-shape installation from PK183+500 to PK183+760(RHS), PK182+760 to PK183+760(LHS), PK182+115 to PK182+550(LHS) and PK 182+000 to PK 182+115 (LHS)
- Widening shoulder from PK156+300 to PK157+300 (BS) and PK159+000 to PK168+250(BS)
- Repaired potholes and patching at PK179+400 Both sides, PK172+000 RHS, PK 179+375 to 179+415 many pothole, PK166+310 CL, 144+100 RHS, 143+300 LHS, PK172+000 RHS, PK137+040 RHS, PK179+500 LHS, PK149+400 RHS, PK153+600 RHS, PK53+800 RHS.
- Excavated and installed RC pipe drain from PK168+270 to PK169+190
- Mobilized Staff as listed below:

Expatriate staff mobilized up to date

No.	Position	Quantity of Person
1	Road Manager	1
2	Material Pavement Engineer	2
3	Quality Manager	1

Expatriate staff mobilized up to date

Total 4 persons Chinese staff, 120 people's local staff, workers and driver have been mobilized and 6 persons are mobilized from Vietnam for survey work.

Mobilized Equipment as listed below:

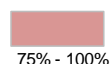
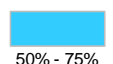
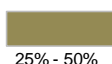
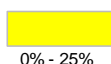
No	Description	Functional	Under Repair	Remarks
1	Wheel loader	2	-	Rental
2	Excavator	4	-	Rental
3	Crane Truck	1	-	
4	Small roller	1	-	

5	Rammer	2	-	
6	Concrete mixer	2	-	0.25 cu.m
7	Pick up	2	-	

- The details of the physical progress are shown in the table below:

Maintenance and Strengthening of National Road No.7									
Road Section			PK136+000 to PK 186+000						
Total Length (Km)			50.00 Km						
BoQ No.	Description	Unit	Revised Quantity	Original Amount	Revised Amount	Amount Done		% Complete	
						This Mon.	To Date	This Mon.	To Date
Bill No.1 - Improvement Work									
I	Improvement Works								
1	Basce Course Overlay with 11.3 width and 15cm minimum thickness	km	49.670	2,227,192.87	2,227,192.87	-	-	0.0%	0.0%
2	Asphalt Concrete Overlay with 10m width and 5cm min. thickness	km	50.00	-	4,552,503.85	-	-	0.0%	0.0%
II Drainage and Protection Works									
1	Construction of drainage system type A with RC pipe dia. 1000mm and dia. 800mm, RC pit every @25m	m	12,675.30	972,822.32	972,822.32	1,500.00	3,000.00	11.8%	23.7%
2	Construction of U-sharpe RC Side Drain with RC cover, Type B1, B2 and B3	m	9,099.50	837,453.18	837,453.18	60.00	120.00	0.7%	1.3%
3	Construction of V-sharpe Side Drain Type D1, D2 and D3 incl. catch pit, RC slap for acces and all relevant ans Road of about 410m	m	6,925.00	210,415.32	210,415.32	300.00	-	4.3%	0.0%
4	Construction of Earthen Ditch Side Drains, Type E1, E2 and E3	m	7,613.00	43,192.19	43,192.19	-	-	0.0%	0.0%
III Ancillary Works									
1	Road sign, Road marking, Guardrail, Guide post and Kilometer post	-	-	325,999.10	325,999.10	-	-	0.0%	0.0%
IV Miscellaneous									
1	Rent, Fit out, Furnish and Maintain existing building as office accommodation for the Engineer	month	18.00	80,118.00	80,118.00	1.00	5.00	5.6%	27.8%
2	Rent, Fit out, Furnish and Maintain existing building as the Engineer's materials testing laboratory	month	18.00	63,252.00	63,252.00	1.00	2.00	5.6%	11.1%
3	Rent, Fit out, Furnish and maintain existing building as housing accommodation for the Engineer	month	36.00	118,080.00	118,080.00	1.00	3.77	2.8%	10.5%
4	Provide full time staff to work for the Engineer	month	54.00	22,536.00	22,536.00	3.00	2.00	5.6%	3.7%
5	Rental and Maintenance of Type B Vehicle for the use of the Engineer	month	54.00	189,756.00	189,756.00	3.00	5.77	5.6%	10.7%
6	Rental and Maintenance of Type C Vehicle for the use of the Engineer	month	36.00	33,732.00	33,732.00	2.00	2.33	5.6%	6.5%
7	Maintain Safe Traffic Operations	month	750.00	43,500.00	43,500.00	50.00	300.00	0.4%	40.0%
8	Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention Program (Maximum 18 Months-intermittent during the 54 months of contract duration).	month	18.00	21,085.02	21,085.02	1.00	2.00	5.6%	11.1%
Bill No. 2 - Maintenance Services									
1	Maintain service levels described in the Specifications and elsewhere in the contract, including bridges, culverts and structures. It further includes the activities of the Contractor related to self-control, quality assurance and material testing from PK243+000 to PK300+000	Km.Month	1,800.00	1,476,000.00	1,476,000.00	-	-	0.0%	0.0%
Bill No. 4 -Emergency Works									
1	Emergency Works including all Items	-	-	136,020.81	136,020.81	-	50,000.00	0.0%	36.8%

Complete:



0% - 25%

25% - 50%

50% - 75%

75% - 100%

100%

5.2.3. Progress Photos



Patching pothole at PK163+310



Repair of damage section at PK179+400



Casting Concrete for Pipe Culvert



Preparation AC Hot Mix Plant at PK133+500(LHS), offset 200 metre from NR7



Compressive strength test



The Villagers participated meeting with ESO regarding GRM and road construction at PK142+000(RHS)



Rebar reinforcement for U-shape side drain construction from pk141+890 to pk142+000(RHS)



Side drain excavation and pipe culverts installation km168+400 to km168+450(LHS)-3



Side drain excavation and V-shape installation
PK 183+400 to PK 183+760 (LHS)



Rebar of pipe culvert and Manhole cover

5.3. Financial Status

5.3.1. Interim Payment Certificates and Disbursements(CW2)

Interim Payment Certificate (IPC)					Disbursements			
No.	For the Month of	Date Submitted	Date Approved by ISWS	IPC Amount	Funding Agency		Payment Condition	
				US\$	(WB-92% & RGC-8%)			
Advance payment		05/02/2018	27/02/2018 by MPWT	1,298,462.11	1,194,585.14	WB	Paid	
					103,876.97	RGC	Paid	
IPC No.1	Mar - Sept 2018	Resubmitted 06/11/2018	07/11/2018	48,314.57	44,449.41	WB	Paid 08-01-19	
					3,865.17	RGC	Paid 08-01-19	
TOTAL				1,346,776.68	Amount	Funding	Condition	Amount
					1,239,034.55	WB	Paid	1,346,776.68
					107,742.13	RGC	Outstanding	0

5.4. Quality Control

Contractor has submitted his incomplete Quality Assurance Plan has been reviewed, corrected as guideline and was introduced to the Contractor for the purpose of ensuring quality works and keeping record of all testing and sampling of the material to be used for the project and the completed works.

5.4.1 Summary of Test Carried Out up to December 2018

Item	Discription of laboratory	Previous Month			This Month (December 2018)			Total up to date			Remark
		No of test	Pass	Failed	No of test	Pass	Failed	No of test	Pass	Failed	
A	MATERIAL SAMPLING										
1	Sub base Material										
2	Base course Material	1	1	0	0	0	0	1	1	0	
3	Cement testing	1	1	0	0	0	0	1	1	0	
4	Fine Aggregate Material	1	1	0	0	0	0	1	1	0	
5	Course Aggregate Material	1	1	0	0	0	0	1	1	0	
6	Trial mix of concrete	3	2	1	0	0	0	3	2	1	
7	Bitumen CSS-1	1	1	0	0	0	0	1	1	0	
8	Bitumen CRS-2	1	1	0	0	0	0	1	1	0	
9	Bitumen 60/70	1	1	0	0	0	0	1	1	0	
10	Sand for Asphalt concrete.	1	1	0	0	0	0	1	1	0	
11	Course Aggregate for AC.	4	0	4	0	0	0	4	0	4	
12	Combine Aggregate for AC.	1	1	0	0	0	0	1	1	0	
13	Asphalt Concrete job mix design.	1	1	0	0	0	0	1	1	0	
14	Marshall Test.	0	0	0	0	0	0	0	0	0	
15	Steel bar	2	2	0	0	0	0	2	2	0	
16	Unsuitable Material	0	0	0	0	0	0	0	0	0	
B	COMPLETED WORKS ON SITE										
1	Field density test of sub base										
2	Field density test of base course										
3	Application rate of Take coat. CRS-2										
4	Application rate of Prime coat. CSS-1										
5	Thickness of Asphalt concrete at sit.										
6	Marshall test.										
7	Compressive test of concrete	453	453	0	64	64	0	517	517	0	

5.5. Safe Guard Compliance

Prior to the road maintenance activities, under the guidance by Project Management (PM), ISWS, the Environmental Supervision Consultant (ESC), Social Supervision Consultant (SSC) and Environmental and Social Office (ESO) made a monthly visit to contractor's campsites and advice all contractors accordingly as to the proper procedure to be followed in the EMP, ESSF and the necessary permits which have to be obtained before commencement of work.

During the site visit 02 January 2019, ESC, SSC and ESO observed that there were no major concerning issues have been found at campsite. However, ESC encouraged contractor to follow the EMP and applied mitigation measures to mitigate all potential negative impacts to environment and project affected people. SSC, ESC, and ESO conducted public consultation to inform the local people especially business owners about the potential impacts during drainage construction periods. Most people reported happily and accepted short time disturbance from the project activities. Though they also suggested to speed up the construction activities and avoid delaying activities over one week per location. Also, they suggested contractors to provide access road to make sure they, i.e business owners, still be able to do their business as usual.

5.6. Other Related Issues

5.6.1. Events in this month

- Road safety site visit and meeting on October 19th, 2018 by:
 - Mr. Bou Puthy
Team Leader of Community Based Road Safety Program
 - Mr. Sok Sopha
Asst. Team Leader of Community Based Road Safety
 - Mr. Ken Vanna
Resident Inspector
 - Mr. Du Ruyu
Quality Manager (CW3)

- World Bank Review Mission Visited site on 25-26th October 2018 by:
 - HE. Pheng Sovicheano,
RAMP-II Project Director
 - Mr. Bun Veasna
Task Team Leader
 - Mr. Kang Phirith
RAMP-II Project Manager
 - Mr. Mehdi Hakami
Team Leader ISWS
 - Contractor team And Delegates

- World Bank Review Mission Visited site on 04 December 2018 by:
 - Ms. Almud Weitz,
Practice Manager, Transport-WB
 - HE. Pheng Sovicheano,
RAMP-II Project Director
 - Mr. Bun Veasna
Task Team Leader-WB
 - Mr. Kang Phirith
RAMP-II Project Manager
 - Mr. Mehdi Hakami
Team Leader ISWS
 - Contractor team And Delegates



Chapter 6 - CW3-NR7

6.1. General Contract Data

Contract No:	KH-MPWT-3-CW-RFB
Contract Name:	Maintenance and Strengthening of National Road No.7
Length and Section:	57.0 km (from PK186+000 to PK243+000)
Contractor:	Sichuan Road and Bridge (Group) Corporation Ltd.
Donors:	IDA Credit No 5789-KH
ISWS Consultant:	Korea Consultants International Co. Ltd.
Letter of Acceptance issued:	27 th December 2017
Contract Agreement Signed:	05 th February 2018
Commencement Date:	10 th February 2018
Contract Period:	54 months
Contract Completion Date:	10 th August 2022
Time for Completion of Improvement works:	18 months (10 th August 2019)
Signed Contract Amount:	US\$ 8,798,863.00
Amendment One:	US\$ 1,190,776.05
Final Contract Price:	US\$ 9,989,639.05
Performance Guarantee:	10%- valid up to 18th August 2022
Advance Payment:	US\$ 1,068,255.00

6.2. Progress Status

6.2.1. Project Location Map



The Civil Work Package CW3 on National Road 7 (NR7) begins PK 186+000 in Kraek village, Ponhea Kraek district passes through provinces Tboung Khmum and Kratie and terminate at PK 243+000 with the total length of 57 Km.

Contractor's Camp, is at PK 206+200(LHS) located in Memot Phsar village in Memot commune in Memot district in Tboung Khmum Province.

Second Engineer's Office and Accommodation was approved since 27th December 2018 due to increase of engineer and for Intermittent International Engineer.

6.2.2. Physical Progress

During this quarter, Contractor has done some activities as:

- The Contractor has finished construct the fencing of the site camp, facilities building for Contractor's staff and Laboratory Building for the Engineer and mobilized laboratory equipment.
- The Contractor has finished install HMP at PK210+000 RHS and around 1Km from NR7
- Contractor has provided 2nd Housing Accommodation for the Engineer
- Base course material stock at camp site, completed around 10,000 m3
- Repair Pothole at PK207+260, PK197+500, PK195+200, PK195+100, PK190+050 and PK207+980
- Widening shoulder base course from 186+000 to 195+000
- Concrete pipe fabrication has installed and produced 2066 segments of concrete pipe drain (1 segment=2m).

- Excavated and installed RC pipe drain Dia. 800mm from PK205+600 to PK205+206+240(RHS), PK205+600 to PK205+206+340(LHS) and PK205+600 to PK206+200(LHS), PK206+380 to 207+080(LHS), PK206+380 to PK207+140 and PK200+000 to 200+020(RHS). And Dia. 1000mm from 199+800 to 200+000(RHS) and PK199+760 to 200+000
- Construction V-shape side drain from PK203+840 to 204+800(RHS), PK205+220 to 205+500(RHS) and PK205+500 to 205+560(LHS)
- Base course overlay from PK186+000 to PK191+340 both side
- AC overlay from PK187+120 to 189+660(LHS) and from PK187+320 to 189+140(RHS)
- Mobilized Staff as listed below

Expatriate staff mobilized up to date

No.	Position	Name
1	Road manager	Zhao Shifeng
2	Pavement Engineer	Xie Xin
3	Material Engineer	Yang Hongming
4	Quality Manager	Du Ruyu
5	AMP plant manager	Chen Bo
6	Pavement works Supervisor	Chen Jiayu
7	Side drain supervisor	Wang Hao
8	Accountant	Wang Lu
9	Warehouse manager	Tan Yumei
10	Operator	Huang Gang
11	Electrician	Chen Yong
12	Cook	Luo Jiashang
13	Batching Plant Foreman	Yuan Xuezhong
14	Mechanic	Liu Junwen
15	Mechanic	Du Chenping
16	Foreman	Zhou Shunhua
17	Paver Operator	Zhao Shuyang
18	V shape drain supervisor	Luo Wen
19	V shape drain foreman	Luo Jing
20	V shape drain foreman	Luo Zhi
21	V shape drain foreman	Fu Xiaofei

Note: The Local staff consists of assistant, 4 translators (Chinese-Khmer) 10 driver, 1 cleaner, 110 labourers, 10 Operators, 2 Welder, 4 Surveyor for road construction.

- Mobilized Equipment as listed below

No	Description	Functional	Under Repair	Remarks
1	Base Course/AC Paver	2	-	
2	Dump truck	6	-	
3	15T Truck	1	-	
4	3T Light Truck	1	-	
5	Crane Truck	1	-	
6	Wheel Loader	2	-	
7	Excavator	1	-	
8	Crawler Excavator	-	1	
9	Wheel Backhoe	1		
10	Vibrator Roller 25T	1		
11	Drum Roller(Steel Roller)	1		
12	Pneumatic – tied roller ≥14T	2		
13	Bitumen Distributor Truck	1		
14	Grader	1		
15	Water Truck	1		
16	Pick Up	4		
17	Mini Van	1		
18	Air Compressor	1		
19	Concrete Mixer	2		
20	Base Course Mixing Plant	1		
21	Pipe Fabrication Machine	1		
22	Cage welding machine	1		
23	Generator	3		

- Contractor has preliminarily selected material sources as shown below:

Material	Source NR7
Quarry	PK 200 of NR7 (24km off the main road)
Sand	Kampong Cham
Cement	Kampot
Bitumen	From Tipco (Thailand) and UAE
Reinforcement	Phnom Penh

- The details of the physical progress are shown in the table below:

Maintenance and Strengthening of National Road No.7									
Road Section			PK186+000 to PK 243+000						
Total Length (Km)			57.00 Km						
BoQ No.	Description	Unit	Revised Quantity	Original Amount	Revised Amount	Amount Done		% Complete	
						This Mon.	To Date	This Mon.	To Date
Bill No.1 - Improvement Work									
I	Improvement Works								
1	Basce Course Overlay with 11.3 width and 15cm minimum thickness from PK228+000 to PK243+000	km	14.879	1,087,654.90	1,087,654.90	4.00	5.00	26.9%	33.6%
2	Asphalt Concrete Overlay with 10m width and 5cm min. thickness	km	57.00	-	3,789,431.25	1.20	1.80	2.1%	3.2%
II Drainage and Protection Works							-		
1	Construction of drainage system type A with RC pipe dia. 1000mm and dia. 800mm, RC pit every @25m	m	15,963.30	1,300,894.20	1,300,894.20	1,000.00	3,280.00	6.3%	20.5%
2	Construction of U-sharpe RC Side Drain with RC cover, Type B1, B2 and B3	m	4,767.00	235,741.20	235,741.20	-	-	0.0%	0.0%
3	Construction of V-sharpe Side Drain Type D1, D2 and D3 incl. catch pit, RC slap for acces and all relevant ans Road of about 410m	m	16,930.00	649,920.40	649,920.40	300.00	1,300.00	1.8%	7.7%
4	Construction of Earthen Ditch Side Drains, Type E2	m	4,384.00	37,702.40	37,702.40	-	-	0.0%	0.0%
III Ancillary Works							-		
	Road sign, Road marking, Guardrail, Guide post and Kilometer post	-	-	432,093.20	432,093.20	-	-	0.0%	0.0%
IV Miscellaneous							-		
1	Rent, Fit out, Furnish and Maintain existing building as office accommodation for the Engineer	month	18.00	52,596.00	52,596.00	1.00	5.16	5.6%	28.7%
2	Rent, Fit out, Furnish and Maintain existing building as the Engineer's materials testing laboratory	month	18.00	113,058.00	113,058.00	1.00	2.00	5.6%	11.1%
3	Rent, Fit out, Furnish and maintain existing building as housing accommodation for the Engineer	month	36.00	88,344.00	88,344.00	1.00	5.16	2.8%	14.3%
4	Provide full time staff to work for the Engineer	month	54.00	35,154.00	35,154.00	3.00	6.32	5.6%	11.7%
5	Rental and Maintenance of Type B Vehicle for the use of the Engineer	month	54.00	154,278.00	154,278.00	3.00	10.42	5.6%	19.3%
6	Rental and Maintenance of Type C Vehicle for the use of the Engineer	month	36.00	6,120.00	6,120.00	2.00	4.00	5.6%	11.1%
7	Maintain Safe Traffic Operations	month	750.00	145,530.00	145,530.00	57.00	323.61	7.6%	43.1%
8	Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention Program (Maximum 18 Months-intermittent during the 54 months of contract duration).	month	18.00	15,912.00	15,912.00	-	1.00	0.0%	5.6%
Bill No. 2 - Maintenance Services									
1	Maintain service levels described in the Specifications and elsewhere in the contract, including bridges, culverts and structures. It further includes the activities of the Contractor related to self-control, quality assurance and material testing from PK243+000 to PK300+000	Km.Month	2,052.00	923,400.00	923,400.00	-	-	0.0%	0.0%
Bill No. 4 -Emergency Works									
1	Emergency Works including all Items	-	-	397,678.00	397,678.00	-	-	0.0%	0.0%

6.2.3. Progress Photos



Road safety meeting at contractor office



Pipe casting machine



Pipe casting machine



Pipe culvert's storage at CW3 Camp Site



Site visit of TL and Counterpart on 30 Nov 2018



Site meeting with Contractor, Counterpart and Social Safeguard



HMP installed in progress



Sieve test of base course material at CW3
Camp Site



Site visit of World Bank, MPWT, ISWS and
Contractor on 04th December 2018



Construct V-Shape side drain PK204+450 to
204+550 RHS



Base Course Overlay PK188+700 to
PK189+200 (RHS)



Proof rolling test PK186+000 to 187+000



AC overlay PK187+320 RHS



Pipe installation at PK206+600 LHS

6.3. Financial Status

6.3.1. Interim Payment Certificates and Disbursements(CW3)

Interim Payment Certificate (IPC)					Disbursements			
No.	For the Month of	Date Submitted	Date Approved by ISWS	IPC Amount	Funding Agency		Payment Condition	
				US\$	(WB-92% & RGC-8%)			
Advance payment		19/04/2018	17/05/2018 by MPWT	1,068,255.00	982,794.60	WB	Paid	
					85,460.40	RGC	Paid	
IPC No.1	Jul - Oct 2018	16/11/2018	19/11/2018	80,090.33	73,683.11	WB	Paid 21-12-18	
					6,407.23	RGC	Outstanding	
TOTAL				1,148,345.33	Amount	Funding	Condition	Amount
					1,056,477.71	WB	Paid	1,141,938.11
					91,867.63	RGC	Outstanding	6,407.23

6.4. Quality Control

The generic QAP submitted. The Contractor advised to submit the specific QAP for the package and was introduced to the Contractor for the purpose of ensuring quality works and keeping record of all testing and sampling of the material to be used for the project and the completed works.

6.4.1 Summary of Test Carried Out up to December 2018

Item	Discription of laboratory	Previous Month			This Month (December 2018)			Total up to date			Remark
		No of test	Pass	Failed	No of test	Pass	Failed	No of test	Pass	Failed	
A	MATERIAL SAMPLING										
1	Sub base Material										
2	Base course Material	1	1	0	1	1	0	2	2	0	
3	Cement testing	1	1	0	0	0	0	1	1	0	
4	Fine Aggregate Material	2	2	0	1	1	0	3	3	0	
5	Course Aggregate Material	2	2	0	1	1	0	3	3	0	
6	Trial mix of concrete	1	1	0	0	0	0	1	1	0	
7	Bitumen CSS-1	1	1	0	2	2	0	3	3	0	
8	Bitumen CRS-2	1	1	0	0	0	0	1	1	0	
9	Bitumen 60/70	3	3	0	2	2	0	5	5	0	
10	Sand for Asphalt concrete.	2	1	1	2	2	0	4	3	1	
11	Course Aggregate for AC.	5	1	4	2	2	0	7	3	4	
12	Combine Aggregate for AC.	2	2	0	2	2	0	4	4	0	
13	Asphalt Concrete job mix design.	3	3	0	2	2	0	5	5	0	
14	Marshall Test.	1	1	0	89	89	0	90	90	0	
15	Steel bar	2	2	0	0	0	0	2	2	0	
16	Unsuitable Material	0	0	0	0	0	0	0	0	0	
B	COMPLETED WORKS ON SITE										
1	Field density test of sub base										
2	Field density test of base course				146	146	0	146	146	0	
3	Application rate of Take coat. CRS-2										
4	Application rate of Prime coat. CSS-1				14	14	0	14	14	0	
5	Thickness of Asphalt concrete at sit.				20	20	0	20	20	0	
6	Marshall test.				48	48	0	48	48	0	
7	Compressive test of concrete	0	0	0	0	0	0	0	0	0	

6.5. Safe Guard Compliance

Prior to the road maintenance activities, under the guidance by Project Management (PM), ISWS, the Environmental Supervision Consultant (ESC), Social Supervision Consultant (SSC) and Environmental and Social Office (ESO) made a monthly visit to contractor's campsites and advice all contractors accordingly as to the proper procedure to be followed in the EMP, ESSF and the necessary permits which have to be obtained before commencement of work.

During the site visit 03 January 2019, ESC, SSC and ESO observed that the campsite is still under construction based on an approval drawing layout. It was about 70% done. There were no major concerning issues have been found at campsite. However, ESC encouraged contractor to follow the EMP and applied mitigation measures to mitigate all potential negative impacts to environment and project affected people. SSC, ESC, and ESO conducted public consultation to inform the local people especially business owners about the potential impacts during drainage construction periods. Most people reported happily and accepted short time disturbance from the project activities. Though they also suggested to speed up the construction activities and avoid delaying activities over one week per location. Also, they suggested contractors to provide access road to make sure they, i.e business owners, still be able to do their business as usual.

6.6. Other Related Issues

6.6.1. Events in this month

- World Bank Review Mission Visited site on 25-26th October 2018 by:

- HE. Pheng Sovicheano,
RAMP-II Project Director
- Mr. Bun Veasna
Task Team Leader
- Mr. Kang Phirith
RAMP-II Project Manager
- Mr. Mehdi Hakami
Team Leader ISWS
- Mr. Bun Veasna
Task Team Leader
- Contractor team And Delegates



- Site Visited on 30th November 2018 by:

- Mr. Mehdi Hakami
Team Leader ISWS
- Mr. SOK Saman
Senior Counterpart, MPWT
- Mr. Zhao Shifeng
Road Manager (CW3)
- Contractor team And Delegates



- MPWT & World Bank Site Visited on 4th December 2018:
- Ms. Almud Weitz,
Practice Manager, Transport-WB
- HE. Pheng Sovicheano,
RAMP-II Project Director
- Mr. Bun Veasna
Task Team Leader-WB
- Mr. Mehdi Hakami
Team Leader ISWS
- Mr. Zhao Shifeng
Road Manager (CW3)
- And Delegates



Chapter 7 - CW4-NR7

7.1. General Contract Data

Contract No:	KH-MPWT-4-CW-RFB
Contract Name:	Maintenance and Strengthening of National Road No.7
Length and Section:	57.0 km (from PK243+000 to PK300+000)
Contractor:	Guangdong Provincial Changda Highway Engineering Co., Ltd.
Donors:	IDA Credit No 5789-KH
ISWS Consultant:	Korea Consultants International Co. Ltd.
Letter of Acceptance issued:	05 th December 2017
Contract Agreement Signed:	28 th December 2017
Commencement Date:	19 th January 2018
Contract Period:	54 months
Contract Completion Date:	19 th July 2022
Time for Completion of Improvement works:	18 months (19 th July 2019)
Signed Contract Amount:	US\$ 9,388,770.39
Amendment One:	US\$ 1,638,411.60
Final Contract Price:	US\$ 11,027,181.99
Performance Guarantee:	10%- valid up to 28 days after issuance of Taking-Over Certificate
Advance Payment:	US\$ 1,139,940.54

7.2. Progress Status

7.2.1. Project Location Map



The Civil Work Package CW4 on National Road 7 (NR7) begins PK 243+000 in Srae Char village, Snoul district passes through province Kratie and terminate at PK 300+000 with the total length of 57 Km.

Contractor's Camp, is at PK 312+400(LHS) located in Anchanh Thnoat village in Snoul commune in Snoul district in Kratie Province.

Engineer's Office and Accommodation is at PK 312+400(LHS) located in Site Camp of Contractor.

7.2.2. Physical Progress

During this month, Contractor has done some activities as:

- Contractor has completed the facilities building for Contractor's staff and Engineer's Office and Accommodation for the Engineer in the site camp area of CW4. Since First of July 2018, RE and ISWS staff are using it.
- Contractor has provided 2nd Housing Accommodation for the Engineer
- Contractor has installed the Asphalt Concrete mixing plant in the site camp, it was completed and tested in July 2018.
- Base Course overlay from PK243+000 to PK252+000(BS), PK259+200 to PK260+800(BS), PK264+800 to PK270+330(BS), PK295+780 to PK300+000(BS).
- AC Overlay from PK243+000 to PK248+900(BS), PK256+500 to PK259+000, 264+900 to PK276+640(BS) and PK295+800 to PK300+000 (BS).
- Side drain V shape was completed from PK284+980 to PK285+390(RHS), PK284+950 to PK285+400(LHS), PK283+780 to PK284+900(LHS), PK281+675 to

PK281+900(RHS), PK281+500 to PK281+600(RHS), PK281+100 to PK281+290(RHS), PK280+550 to PK280+670(LHS) and PK280+300 to PK280+490(RHS), PK279+200 to 279+321.4 RHS(RHS), PK279+340 to PK279+450 (RHS), PK279+480 to PK279+598(RHS), PK279+620 to PK279+637.8(RHS), PK279+680 to PK279+751(RHS), PK279+800 to 280+045(RHS), 280+047 to PK280+488(RHS), PK279+612 to PK279+995(LHS), PK280+231.4 to PK280+300(LHS), PK279+480 to 279+587.1(LHS), 278+266.5 to 278+540(LHS), 278+504.4 to PK278+600(RHS), PK281+519.4 to PK281+610(RHS), PK281+660 to 281+910(RHS)

- U-shape side drain from PK255+100 to 255+580 RHS
- Mobilized Staff as listed below:

Expatriate staff mobilized up to date

No.	Position	Quantity of Person
1	Road Manager	1
2	Material Pavement Engineer	2
3	Quality Manager	1
4	AMP Plant Manager	1

Total 35 persons Chinese staff, 350 persons local staff / workers have been mobilized for survey work, repairing damaged sections, potholes, side drain, Base Course overlay and AC overlay.

Mobilized Equipment as listed below:

No	Description	Functional	Under Repair	Remarks
1	AC paver	1	-	
2	Aggregate base course paver	1	-	
3	Pneumatic roller	1	1	
4	Steel roller	8	-	
5	Dump truck	21	-	
6	Wheel loader	3	-	
7	Crane truck	2	-	
8	Distribution Bitumen truck	2	-	
9	Water truck	2	1	
10	Excavator	4	-	
11	Motor grader	1	-	
12	Gantry crane	1	-	

- The details of the physical progress are shown in the table below:

Maintenance and Strengthening of National Road No.7									
Road Section			PK 243+000 to PK 300+000						
Total Length (Km)			57.00 Km						
BoQ No.	Description	Unit	Revised Quantity	Original Amount	Revised Amount	Amount Done		% Complete	
						This Mon.	To Date	This Mon.	To Date
Bill No.1 - Improvement Work									
I	Improvement Works								
1	Base Course Overlay with 11.3m width and 10cm minimum thicknes	km	11.76	337,501.63	337,501.63	-	-	0.0%	0.0%
2	Base Course Overlay with 11.3m width and 15cm minimum thickness	km	28.54	1,234,667.43	1,234,667.43	3.50	15.96	12.3%	55.9%
3	Base Course Overlay with 11.3m width and 25cm minimum thickness	km	16.11	1,176,487.49	1,176,487.49	-	-	0.0%	0.0%
Varied Item 3a	Asphalt Concrete Overlay with 10m width and 5cm min. thickness	km	57.00	-	4,904,850.00	7.70	20.50	13.5%	36.0%
II	Drainage and Protection Works								
1	Construction of U-shape RC Side Drain with RC cover, type B2	m	2,144.00	154,046.40	154,046.40	320.00	520.00	14.9%	24.3%
2	Construction of U-shape RC Side Drain with RC cover, type B3	m	731.00	70,431.85	70,431.85	-	-	0.0%	0.0%
3	Construction of V-shape Side Drain, type D1, D2 and D3 incl. catch pits, RC slap for access road of about 410m	m	8,676.00	281,701.34	281,701.34	4,700.00	5,141.00	54.2%	59.3%
4	Construction of Earthen Ditch Side Drains, Type E2 and E3	m	340.00	2,337.80	2,337.80	-	-	0.0%	0.0%
III	Ancillary Works								
1	Road sign, Road marking, Guardrail, Guide post and Kilometer post	-	-	440,632.43	440,632.43	35,000.00	50,379.23	7.9%	11.4%
IV	Miscellaneous						-		
1	Rent, Fit out, Furnish and Maintain existing building as office accommodation for the Engineer	month	18.00	76,464.00	76,464.00	1.00	6.00	5.6%	33.3%
2	Rent, Fit out, Furnish and Maintain existing building as the Engineer's materials testing laboratory	month	18.00	60,372.00	60,372.00	1.00	4.53	5.6%	25.2%
3	Rent, Fit out, Furnish and maintain existing building as housing accommodation for the Engineer	month	36.00	112,680.00	112,680.00	2.00	9.67	5.6%	26.9%
4	Provide full time staff to work for the Engineer	month	54.00	21,492.00	21,492.00	3.00	7.43	5.6%	13.8%
5	Rental and Maintenance of Type B Vehicle for the use of the Engineer	month	54.00	181,116.00	181,116.00	3.00	10.40	5.6%	19.3%
6	Rental and Maintenance of Type C Vehicle for the use of the Engineer	month	36.00	32,184.00	32,184.00	2.00	8.33	5.6%	23.1%
7	Maintain Safe Traffic Operations	month	750.00	41,250.00	41,250.00	57.00	342.00	7.6%	45.6%
8	Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention Program (Maximum 18 Months-intermittent during the 54 months of contract duration).	month	18.00	20,124.00	20,124.00	-	1.00	0.0%	5.6%
Bill No. 2 - Maintenance Services									
1	Maintain service levels described in the Specifications and elsewhere in the contract, including bridges, culverts and structures. It further includes the activities of the Contractor related to self-control, quality assurance and material testing from PK243+000 to PK300+000	Km.Month	2,052.00	1,272,240.00	1,272,240.00	-	-	0.0%	0.0%
Bill No. 4 -Emergency Works									
1	Emergency Works including all Items	-	-	136,946.59	136,946.59	-	7,358.98	0.0%	5.4%

Complete:



0% - 25%



25% - 50%



50% - 75%



75% - 100%



100%

7.2.3. Progress Photos



Base course overlay at PK296+060 to 296+610 RHS



Field Density Test at PK296+250 RHS



Preparing v shape side drain at PK 285+000-285+200 LHS



Meeting at office CW4. with PPM, Counterpart, Contractor and Consultant on 06 Nov 18



Base course overlay at PK298+050 to PK297+800 LHS



AC overlay at PK268+500 to 269+500 LHS



Coring AC at PK267+420 to PK267+840 LHS



Road marking from PK 274+800-274+000



Construct V-shape side drain at PK 291+300-291+400 LHS



MPWT & World Bank site visit on 04th December 2018



Base course overlay at 253+040 to PK253+650 LHS



AC overlay at PK250+980 to PK251+920 LHS



Field density test for base course at PK 259+380 to PK 259+700 RHS.



Coring AC at pk 256+920 to pk 258+080 RHS

7.3. Financial Status

7.3.1 Interim Payment Certificates and Disbursements (CW4)

Interim Payment Certificate (IPC)					Disbursements			
No.	For the Month of	Date Submitted	Date Approved by ISWS	IPC Amount	Funding Agency		Payment Condition	
				US\$	(WB-92% & RGC-8%)			
Advance payment		05/02/2018	27/02/2018 by MPWT	1,139,940.54	1,048,745.30	WB	Paid	
					91,195.24	RGC	Paid	
IPC No.1	Mar - Sept 2018	Resubmitted 06/11/2018	07/11/2018	66,456.66	61,140.13	WB	Paid 03-01-19	
					5,316.53	RGC	Outstanding	
IPC No.2	Oct-18	19/11/2018	26/11/2018	976,551.99	898,427.83	WB	Paid 03-01-19	
					78,124.16	RGC	Outstanding	
IPC No.3	Nov-18	22/12/2018	31/12/2018	863,027.66	793,985.45	WB	Outstanding	
					69,042.21	RGC	Outstanding	
TOTAL				3,045,976.85	Amount	Funding	Condition	Amount
					2,802,298.70	WB	Paid	1,139,940.54
					243,678.15	RGC	Outstanding	1,906,036.31

7.4. Quality Control

Contractor has submitted his incomplete Quality Assurance Plan has been reviewed, corrected as guideline and was introduced to the Contractor for the purpose of ensuring quality works and keeping record of all testing and sampling of the material to be used for the project and the completed works.

7.4.1 Summary of Test Carried Out up to December 2018

Item	Discription of laboratory	Previous Month			This Month (December 2018)			Total up to date			Remark
		No of test	Pass	Failed	No of test	Pass	Failed	No of test	Pass	Failed	
A	MATERIAL SAMPLING										
1	Sub base Material										
2	Base course Material	9	9	0	0	0	0	9	9	0	
3	Cement testing	1	1	0	0	0	0	1	1	0	
4	Fine Aggregate Material	1	0	0	0	0	0	1	0	0	
5	Course Aggregate Material	1	0	0	0	0	0	1	0	0	
6	Trial mix of concrete	2	2	0	0	0	0	2	2	0	
7	Bitumen CSS-1	1	1	0	0	0	0	1	1	0	
8	Bitumen CRS-2	1	1	0	0	0	0	1	1	0	
9	Bitumen 60/70	1	1	0	5	5	0	6	6	0	
10	Sand for Asphalt concrete.	1	0	1	0	0	0	1	0	1	
11	Course Aggregate for AC.	4	0	4	0	0	0	4	0	4	
12	Combine Aggregate for AC.	1	1	0	0	0	0	1	1	0	
13	Asphalt Concrete job mix design.	2	0	0	0	0	0	2	0	0	
14	Marshall Test.	18	14	4	28	28	0	46	42	4	
15	Steel bar	2	2	0	0	0	0	2	2	0	
16	Unsuitable Material	0	0	0	0	0	0	0	0	0	
B	COMPLETED WORKS ON SITE										
1	Field density test of sub base							0	0	0	
2	Field density test of base course	255	248	7	378	378	0	633	626	7	
3	Application rate of Take coat. CRS-2	13	13	0	34	34	0	47	47	0	
4	Application rate of Prime coat. CSS-1	33	33	0	33	33	0	66	66	0	
5	Thickness of Asphalt concrete at sit.	93	93	0	286	286	0	379	379	0	
6	Marshall test.	18	18	0	28	28	0	46	46	0	
7	Compressive test of concrete	18	18	0	64	64	0	82	82	0	

7.5. Safe Guard Compliance

Prior to the road maintenance activities, under the guidance by Project Management (PM), ISWS, the Environmental Supervision Consultant (ESC), Social Supervision Consultant (SSC) and Environmental and Social Office (ESO) made a monthly visit to contractor's campsites and advice all contractors accordingly as to the proper procedure to be followed in the EMP, ESSF and the necessary permits which have to be obtained before commencement of work.

During the site visit 04 January 2019, ESC, SSC and ESO observed that there were no major concerning issues have been found at campsite. However, ESC encouraged contractor to follow the EMP and applied mitigation measures to mitigate all potential negative impacts to environment and project affected people. SSC, ESC, and ESO conducted public consultation to inform the local people especially business owners about the potential impacts during drainage construction periods. Most people reported happily and accepted short time disturbance from the project activities. Though they also suggested to speed up the construction activities and avoid delaying activities over one week per location. Also, they suggested contractors to provide access road to make sure they, i.e business owners, still be able to do their business as usual.

7.6. Other Related Issues

7.6.1 Events in this month

- World Bank Review Mission Visited site on 25-26th October 2018 by:

- HE. Pheng Sovicheano,
RAMP-II Project Director
- Mr. Bun Veasna
Task Team Leader
- Mr. Kang Phirith
RAMP-II Project Manager
- Mr. Mehdi Hakami
Team Leader ISWS
- Contractor team And Delegates



- World Bank Review Mission have a meeting at CW4's Contractor office on 25th October 2018 by:

- HE. Pheng Sovicheano,
RAMP-II Project Director
- Mr. Kang Phirith
RAMP-II Project
Manager
- Mr. Mehdi Hakami
Team Leader ISWS
- Mr. Bun Veasna
Task Team Leader
- Contractor team And Delegates



- World Bank Review Mission Visited site on 04 December 2018 by:

- Ms. Almud Weitz,
Practice Manager, Transport-WB
- HE. Pheng Sovicheano,
RAMP-II Project Director
- Mr. Bun Veasna
Task Team Leader-WB
- Mr. Kang Phirith
RAMP-II Project Manager
- Mr. Mehdi Hakami
Team Leader ISWS
- Contractor team And Delegates



Chapter 8 - Annexes

Annex 1: MoM's with Contractors

Annex 2: Safeguard Monitoring Report

Annex 3: Community Based Road Safety Report

Annex 4: GBV's monthly report

Annex 1: MoM's with Contractors



KOREA CONSULTANTS INTERNATIONAL CO. LTD

in Joint Venture with KEC & LASA

Implementation Support and Works Supervision

Road Asset Management Project II (RAMP II), IDA Credit No. 5789-KH

Ministry of Public Works and Transport



08th November, 2018

Mr. Zhao Shifeng

Road/Project Manager of CW-3

Sichuan Road & Bridge (Group) Corporation Limited

Email: duyuyu@yeah.net

Our Ref No. RAMP II-IDA/TL/2018-208

**Contract: Road Asset Management Project II (RAMP- II), IDA Credit No. 5789-KH,
N° KH-MPWT-3-CW-RFB/Maintenance and Strengthening for NR-7
(PK186+000 - PK243+000)**

**Subject: Submission of Minutes of Site Visit of World Bank and RAMP-II Management
and Meeting dated 25th October 2018**

Dear Mr. Zhao Shifeng,

Please find attached the Minutes of Site Visit and Meeting dated 25th October 2018 at CW3 Site Camp, about the progress and other issues of packages CW3.

We appreciate your timely attendance to implementation of the World Bank's and Employer's instructions for rectification, of your short-coming of CW3 package.

Faithfully yours,



Mehdi Hakami

Team Leader

ISWS Consultants

Korea Consultants International

Cc:

H.E.Mr. Pheng Sovicheano, Secretary of State, MPWT, Project Director, RAMP-II

Mr. Kang Phirith, Project Manager, RAMP-II, MPWT

Mr. Sar Vutha, Procurement Coordinator, RAMP-II, MPWT

Mr. C Jeevanantham, IRE-RAMP-II, ISWS

Mr. Moun Sokmeth, RE-RAMP-II-ISWS

**MINUTES OF SITE MEETING****With Sichuan Road and Bridge Group Corporation Limited****On Contract N° KH-MPWT-3-CW-RFB for NR-7****MEETING DATA SHEET**

Project Title	Road Asset Management Project II (RAMP-II)
Date and Time	25 October 2018 – 12.30 PM
Location	Contractor's Office CW3, Km 209 of NR 7, Tboung Khmum Province, Cambodia
Objective	World Bank Site Visit Report and Minutes of Meeting
Issuer	Mr. Mehdi HAKAMI , RAMP-II Team Leader/Project Manager, KCI
Contracts/ROADs	N° KH-MPWT-3-CW-RFB for NR-7

DISTRIBUTION

Participants	Copy to
Participants – World Bank	
Mr. Bun Veasna – Task Team Leader- World Bank Mr. Sadig Aliyer – Transport Specialist- World Bank Mr. HIR SAMNANG- Engineer, World Bank Mr. LAN GREENWOOD-Consultant, World Bank Mr. SYBOUNBEUNG P-Senior SD spec, Mr. TEP MAKATY- Safe guard specialist-World Bank	
Participants - MPWT	
H.E. Pheng Sovicheano, MPWT, RAMP-II, Project Director Mr. Kang Phirith – MPWT – RAMP- II- Project Manager, Mr. Sar Vutha-MPWT-RAMP-II, Project Coordinator, Mr. Nou Sovanna, DPWT, Deputy Mr. Khaiy Salk, PMU 3, TM Mr. Sao Premavak, PMU 3, SCP	PD, PM, PC
Participants – KCI – Implementation Support and Works Supervision (ISWS) Consultant	
Mr. Mehdi HAKAMI, RAMP-II Team Leader/Project Manager, KCI Mr. C. Jeevanantham, RAMP-II Int. Resident Engineer, KCI Mr. Kong Sopheak, RAMP-II, ESC Mr. Seang Bora, RAMP-II, SSC Mr. Moun Sokmeth, RAMP-II National Resident Engineer, KCI Mr. Keon Ki Chang, Highway Engineer, KCI, Mr. BouPuthy, CBRSP, TL, Consultant, Mr. Ken Vanna., Inspector, KCI Mr. Vandan, Asst Inspector, KCI.	TL, IRE, RE, ESC, SSC, CBRSP
Participants – Sichuan Road & Bridge (Group) Corporation Ltd	
Mr. Du Ruyu, Quality Manager Mr. Xiexin, Road Engineer Mr. Zhao Shifeng, Project Manager	PM, RM-CW3

mh

No.	Minutes of Meeting	Action by
1	Project Director welcomed everyone. Project Director handed over the meeting to conduct by Mr. Veasna, World Bank Task Team Leader.	Contractor
2	Team leader, World bank informed that "We learnt from the contractor that he needs material advance for traffic flow. But we cannot pay material advance due to some legal contractual issues."	Contractor ISWS To strengthen QA/QC System
3	ITL, WB informed that We have not yet seen AC mix plant on this site for proceed works.?	Contractor ISWS
4	ITL, WB informed that "We need to know the civil works, drain works, shoulder etc.,? Contractor replied that he has AC mix plant at PK 210, right now the foundation work is completed. Installation will be started after we receive the AC plant from china. ITL, WB asked when will you start the AC mix plant? Contractor replied that he will start in end of November 2018. i.e. from 1 st of December 2018 will be started production. Base course mix design submitted. Contractor is accumulating the base course materials on site.	Contractor ISWS
5	Contractor informed that Centre line marking done from km 186 to 206, 20 km done. And the cross-section survey works completed from Pk 186 to Pk 203. 2 km per day for centre line marking. And cross section survey can be done 1 km per day. Cross section survey included the drainage survey.	Contractor ISWS
6	ITL, WB asked "When you will finish the survey works? Contractor stated that right now he has special team and will be completed in 2 months."	Contractor ISWS
7	ITL, WB informed that "You don't need to do base course for 14 km, that can be done directly AC works on top of existing DBST. You have 20% of base course materials stock. Why don't you start the work of base course." Contractor replied that he will start after fixing AC mix plant. We can start little bit the before AC plant is ready. Because we have to cover the base course with AC immediately. We cannot keep open the base course long time without doing AC.	Contractor ISWS
8	ITL, WB asked "When you will start the AC works.?" Contractor replied the AC plant is on the way. We have crane already. Paver we have two. One is already mobilized and another one will come later. Contractor replied he will start the drain works first. Will you complete the work in time? Contractor told yes.	Contractor ISWS
9	ITL, WB asked "You have 57 km to work, including 18 km of U shape drain. What should I expect the production of work? Minimum 5 to 6 km per month to be done. Some areas can be done faster because there is only AC overlay." When to start and how do you complete.? Contractor replied that Base course can produce 600 tones per hour. AC plant can produce 100 tones per hour.	Contractor ISWS



10	ITL, WB asked "In December how much work can be completed?" We give them this quantity of work, if they don't do we just take contractual actions. Before proceed the pavement, they have to finish the drainage.	Contractor ISWS
11	PD, RAMP II informed "If you import 2 cutting machine for shoulder grass cutting, it is modern and good to keep the shoulders in clearance. The side slope to cut trim only but not to remove the topsoil."	Contractor ISWS
12	WB informed, "In side drain construction, we concern about the people who are living near the road. They should appoint one focal person to talk with public who is living near the drain construction location. Contractor should put one notice board where he wants to open up the drain construction, and the public should not get affected due to that. If someone put the photo about the maintenance issue on social media, we don't want that situation. So, before you do any activity in the people living area, inform the public before by providing some notice board intimating that you are going to do the drain works."	Contractor ISWS
13	ITL, WB informed that "We discussed about your material advance, it is contractual legal issues. This will take long process to complete approval for material advance. This Contract is OPRC and our policy on this matter is not to give material advance due to many legal issues. The payment will be based on completed works. Not based on pieces. " Based on your previous works and prospects of your work the contract has been given. You have signed the Contract agreeing with the conditions given in Contract. But even after passing so many months, you have not shown good progress. You have to show the good progress with your materials and to get money after completion of works.	Contractor ISWS
14	TTL, WB informed "Road action plan has to be submitted by contractor is yet to be done. Last time you promised but you have not done so far. You have to promise only what is possible and in realistic. You should not promise which is not possible."	Contractor ISWS
15	TTL, WB informed "When you can start the AC mix plant production? Contractor informed that he can start in the 1 st week in the month of December 2018.	Contractor ISWS
16	Contractor's issues: Contractor submitted 5 km drawing to consultant for approval. If approve, then we can continue the work. Team leader informed that Contractor has given the traffic count more than 42000 and need to provide base course on this road, which cannot be acceptable at this situation. We can put variation only on the change in the AC for shoulder and side access roads. For any other new works, we don't have money to approve. Contractor told that this side condition is worse at km 186 to 191. TL intimated that you have to start first the possible direct AC overlay. TL intimated that if there is any reduction in some other section where there is good section, then we can use base course this section.	Contractor ISWS
17	Approval of base course: No requirement of base course addition in the shoulder we cannot approve. We have to manage within the budget, we have to look at your performance. If it is true that the traffic is increased now, we will review it. There are so many areas you can do AC overlay without doing any base course, so that section can be taken up.	Contractor ISWS
18	Contractor informed that he will progress well after the AC plant come and start production.	Contractor ISWS

mh

Project director advised the contractor to plan and do more work in the month of Nov, Dec, and January to catch up the backlog and progress well. Project Director concluded the meeting.	
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Faithfully yours,



Mehdi Hakami
Team Leader
ISWS Consultants Korea Consultants
International

prepared by IRE
ISSUED by TL-LSWS

No.	Name	Organization	Position	Phone No.	Signature	Remarks
1	PHEONG S	RAMP-D	PD / SS		[Signature]	
2	KAROL PUTHATHA	AARDP	PM	072852997	[Signature]	
3	Bou Putty	CDOH	TL	012894648	[Signature]	
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5	Ian Greenwood	WB	consultant	+64-21-467009	[Signature]	
6	Vasna Bui	WB	TTL	011252425	[Signature]	
7	Ladig Phiyen	MNS	Sr. Team Sp	+16027588152	[Signature]	
8	Fep Makale	ch	Safeguard	012911099	[Signature]	
9	HIR JANNAN K	NB	Engr	089999785	[Signature]	
10	G. JEERAMNATH	KCI	JPE	085729115	[Signature]	
11	Mehdi Hakarni	KCI	T. I		[Signature]	
12	Du Ruyin	SRBG	QM	0977198798	[Signature]	
13	XIEXIN	SRBG	Road Engineer.	0888426382	[Signature]	
14	Moun Sakmeth	KCI	NRE	099666563	[Signature]	
	Zhao shifeng	SRBG	Project Manager	0888955818	[Signature]	



KOREA CONSULTANTS INTERNATIONAL CO. LTD

in Joint Venture with KEC & LASA

Implementation Support and Works Supervision

Road Asset Management Project II (RAMP II), IDA Credit No. 5789-KH

Ministry of Public Works and Transport



08th November, 2018

Mr. Zhao Liming

Project Manager

Guangdong Provincial Changda Highway Engineering Co., Ltd.

#43, Street 02A, Borey Piphup Thmey, Phnom Penh, Cambodia.

Email: Mr.zhaoliming@163.com / 411370235@qq.com,

H/P: 071 577 1580

Our Ref No. RAMP II-IDA/TL/2018-207

Contract: Road Asset Management Project II (RAMP- II), IDA Credit No. 5789-KH, KH MPWT 2-CW-RFB/Maintenance and Strengthening of NR7 (Pk.136+000 to Pk.186+000).

Road Asset Management Project II (RAMP- II), IDA Credit No. 5789-KH, No.KH-MPWT-4-CW-RFB/Maintenance and Strengthening of NR7(Pk.234+000 to Pk.300+000).

Subject: Submission of Minutes of Site Visit of World Bank and RAMP-II Management and Meeting dated 25th October 2018

Dear Liming.

Please find attached the Minutes of Site Visit and Meeting dated 25th October 2018 at CW4 Site Camp, about the progress and other issues of packages CW2 & CW4.

We appreciate your timely attendance to implementation of the World Bank's and Employer's instructions for rectification, of your short-coming of CW2 package.

Faithfully yours,



Mehdi Hakami

Team Leader

ISWS Consultants

Korea Consultants International

Cc:

- H.E. Pheng Sovicheano, RAMP-II Project Director/Secretary of State, MPWT
- Mr. Kang Phirith, Project Manager, RAMP-II, MPWT
- Mr. Sar Vutha, Procurement Coordinator, RAMP-II, MPWT
- Mr. C. Jeevanatham, IRE, KCI, RAMP-II
- Mr. Moun Sokmeth, NRE3/Road No.7
- Mr. Wan Hongsheng, CGCD-CW4
- Mr. Ju Jiang, CGCD-CW2



MINUTES OF SITE MEETING

**With Guangdong Provincial Changda Highway Engineering Co., Limited
on Contract N° KH-MPWT-2-CW-RFB and N° KH-MPWT-4-CW-RFB for NR-7**

MEETING DATA SHEET

Project Title	Road Asset Management Project II (RAMP-II)
Date and Time	25 October 2018 – 4:00 PM
Location	Contractor's Office CW4, Site Camp
Objective	World Bank Site Visit Report and Minutes of Meeting
Issuer	Mr. Mehdi HAKAMI , RAMP-II Team Leader/Project Manager, KCI
Contracts/ROADs	N° KH-MPWT-2-CW-RFB and, N° KH-MPWT-4-CW-RFB for NR-7

DISTRIBUTION

Participants	Copy to
Participants – World Bank	
Mr. Bun Veasna – Task Team Leader- World Bank Mr. HIR SAMNANG- Engineer, World Bank Mr. SYBOUNBEUNG P-Senior SD spec, Mr. LAN GREENWOOD-Consultant, World Bank Mr. TEP MAKATY- Safe guard specialist-World Bank Mr. Sadig Aliyer – Transport Specialist- World Bank	
Participants - MPWT	
H.E. Pheng Sovicheano, MPWT, RAMP-II, Project Director (PD) Mr. Kang Phirith – MPWT – RAMP- II- Project Manager, (PM) Mr. Sar Vutha-MPWT-RAMP-II, Project Coordinator, (PC) Mr. Sao Premavak, MPWT, CP Mr. Nou Sovanna, Counterpart, MPWT, RAMP-II	PD, PM, PC
Participants – KCI – (ISWS) and other Consultants	
Mr. Mehdi HAKAMI, RAMP-II Team Leader/Project Manager, KCI Mr. C. Jeevanantham, RAMP-II Int. Resident Engineer, KCI Mr. Kong Sopheak, RAMP-II, ESC Mr. Seang Bora, RAMP-II, SSC Mr. Moun Sokmeth, RAMP-II National Resident Engineer, KCI Mr. Keon Ki Chang, Highway Engineer, KCI, Mr. BouPuthy, CBRSP, TL, Consultant, Mr. Thous Champron., Inspector, KCI Mr. Vong Rotha, RAMP-II-Inspector, KCI Mr. Soeum Thorn, RAMP-II Assistant Inspector, KCI	TL/RE, RE, ESC, SSC, CBRSP
Participants – Guangdong Provincial Changda Highway Engineering Co., Limited	
Mr. Tan Chi, MPE, CGCD Mr. Huang Guite, GME, CGCD Mr. Ju Jiang, Quality Manager, CGCD Mr. Wan Hong Sheng, Quality Manager, CGCD	PM/RM -CW2,4

Handwritten signature

No.	Minutes of Meeting	Action by
1	Project Director welcomed everyone. Project Director handed over the meeting to conduct by Mr. Veasna, World Bank Task Team Leader (ITL) ITL, WB asked contractor "What is your plan to catchup the progress to complete the work in time? "	Contractor ISWS
2	Mr. Veasna informed that he has seen some progress since last visit. There is still lot of items to attend to complete the works by contract time. We will release the payment based on actual completion of works, we are not going to pay based on material advance. We learn your concern about material advance, it will not be possible because it involves some legal issues. So we don't have room for payment for the material advance. You speed up the work and complete 5km and then get your money for your smooth cash flow.	Contractor ISWS
3	Already 9 months gone and balance 9 months to go up to July for completion of Project. But lot of things to be done. You plan your works and come up with your realistic plan and do. You have 57 km for CW4 and 50 km for CW2. And you have only 7 months to go to complete. So, each month you have to complete 7 km approximately to complete in time.	Contractor ISWS
4	All technical items shall be discussed separately by our specialists. Safe guard issues shall be discussed quickly. EMP to focus, traffic signs for traffic flow, to provide appropriate traffic flow on the road, on night time provide proper traffic flow with light on the working areas.	Contractor ISWS
5	Shoulder clearance solid wastes should not be disposed off in the sides of the road., it has to be taken away and disposed off separately as per EMP.	Contractor ISWS
6	The requirements are all available in the documents of Contract Agreement. You are advised to cut the tree branches in the road side area where the tree branches are affecting the carriage way and shoulder. Dumping of aggregates on the Road with tree branches as signal is to be avoided. If material dumped then the works to be taken up immediately and to complete. Do not leave the materials on the road which is obstructing the traffic flow.	Contractor ISWS
7	While Contractor do the base course, they should keep the test records as per specification. The quality manager of the Contractor should keep all the material test records, base course FDT, Bitumen tests, AC tests etc. The test records should be in English and Chinese both languages. So that the Chinese and we both can be understand.	Contractor ISWS
8	We want to see the records of whatever the field tests done and summary of the tests done so far recorded. Establish the system to maintain all the required tests to be done according to the contractual requirements and specifications of the Project. Some of the test results shown to the World Bank team. Consultants to check the level and thickness for base course and Asphaltic Concrete, randomly.	Contractor ISWS
9	ITL, WB informed that "We will come in the month of December and we want to see the progress on site and the system of recording the works."	Contractor ISWS
10	Project director informed that to claim first for the 5 km work done so far and not on material advance. We cannot approve material advance in this Contract. While clearing the shoulders, and side slope do not remove the topsoil of the side slope. If topsoil removed, then the protection of the road will not be saved.	Contractor ISWS
11	CW4 can be much faster than CW2 because more urban area in CW2. Be very careful while you work on side drains. 14 km per month for CW2 and CW4 totally is big target. While keeping your paver, should be parked in safe with lighting and should not be created any traffic obstruction.	Contractor ISWS



	CW2 there is no progress. In CW4 there are some progress but make up all the works in plan.	
12	For Grass cutting, there is separate machine which can cut faster than presently what you are doing now, contractor can buy that to cut the grasses.	Contractor ISWS
13	Contractor should appoint one focal point person so that he can be addressed all the social issues arising. So we can contact by Mr. Bora and to solve the issues.	Contractor ISWS
14	Contractor informed that he has proposed to do 10 km base course and 10 km AC on every month for CW4. And the Project Director asked what about CW2. Contractor informed that he proposed to mobilize one AC mix plant before November to product AC. After that only Contractor will start base course works. Then after setup our AC mix plant, we will do 10 km per month from the month of December 2018 for base course and AC for CW2. The World Bank team leader informed that 10 km work in CW2 may not be possible because of more urban area.	Contractor ISWS
15	Team leader intimated to Contractor to bring the backup program with all details to meet the progress to be done for 10 km per month.	Contractor ISWS
16	World bank has already paid advance and we want to see the progress of works. Project Director informed that if the Contractor delivers his words of 10 km per month then he will appreciate.	Contractor ISWS
17	Any other issues? Contractor requested that he has to buy lot of aggregates to progress and need material advance for better cash flow. Project Director intimated that the payment of material advance is not possible due to many contractual issues. Project Director advised the Contractor to do 5 km work and get payment and then again when you complete next 5 km then get payment.	Contractor ISWS
18	Contractor informed that his vote of thanks for every one's advice on how to improve the progress of works.	Contractor ISWS
19	Project Director concluded the meeting.	Contractor ISWS

Faithfully yours,

M. Hakami

Mehdi Hakami
Team Leader
ISWS Consultants Korea Consultants
International



*Prepared by IRE
Issued by PM/TLISWS*

Maintenance and Strengthening of NR7

Location: CW4, Contractor's Camp

Date: 25/10/18.

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KOREA CONSULTANTS INTERNATIONAL CO. LTD
in Joint Venture with KEC & LASA
Implementation Support and Works Supervision
Road Asset Management Project II (RAMP II), IDA Credit No. 5789-KH
Ministry of Public Works and Transport



05th November, 2018

Mr. Zhao Liming

Project Manager

Guangdong Provincial Changda Highway Engineering Co., Ltd.

#43, Street 02A, Borey Piphup Thmey, Phnom Penh, Cambodia.

Email: Mr.zhaoliming@163.com / 411370235@qq.com,

H/P: 071 577 1580

Our Ref No. RAMP II-IDA/TL/2018-202

Contract: Road Asset Management Project II (RAMP- II), IDA Credit No. 5789-KH, KH MPWT 2-CW-RFB/Maintenance and Strengthening of NR7 (Pk.136+000 to Pk.186+000).

Road Asset Management Project II (RAMP- II), IDA Credit No. 5789-KH, No.KH-MPWT-4-CW-RFB/Maintenance and Strengthening of NR7(Pk.234+000 to Pk.300+000).

Subject: Submission of Minutes of Meeting dated 26th October 2018

Dear Liming.

Please find attached the Minutes of Site Meeting dated 26th October 2018 at CW4 Site Camp.

As discussed in detail during our meeting on 31st October 2018. Please attend to reason behind the occurred errors mentioned in this MOM and direct your site Managers to be more vigilant to prevent reoccurrence of non-conformance on Technical, Environmental and Road Safety issues.

Faithfully yours,



Mehdi Hakami

Team Leader

ISWS Consultants

Korea Consultants International

Cc:

- H.E. Pheng Sovicheano, RAMP-II Project Director/Secretary of State, MPWT
- Mr. Kang Phirith, Project Manager, RAMP-II, MPWT
- Mr. Sar Vutha, Procurement Coordinator, RAMP-II, MPWT
- Mr. C. Jeevanatham, IRE, KCI, RAMP-II
- Mr. Moun Sokmeth, NRE3/Road No.7
- Mr. Wan Hongsheng, CGCD-CW4
- Mr. Ju Jiang, CGCD-CW2

**MINUTES OF SITE MEETING**

**With Guangdong Provincial Changda Highway Engineering Co., Limited
on Contract N° KH-MPWT-2-CW-RFB and N° KH-MPWT-4-CW-RFB for NR-7**

MEETING DATA SHEET

Project Title	Road Asset Management Project II (RAMP-II)
Date and Time	26 October 2018 – 10.30 AM
Location	Contractor's Office CW4, Km 312.4 of NR 7, Kratie Province, Cambodia
Objective	World Bank Site Visit Report and Minutes of Meeting
Issuer	Mr. Mehdi HAKAMI , RAMP-II Team Leader/Project Manager, KCI
Contracts/ROADs	N° KH-MPWT-2-CW-RFB and N° KH-MPWT-4-CW-RFB for NR-7

DISTRIBUTION

Participants	Copy to
Participants – KCI – Implementation Support and Works Supervision (ISWS) Consultant	
Mr. Mehdi HAKAMI, RAMP-II Team Leader/Project Manager, KCI Mr. C. Jeevanantham, RAMP-II Int. Resident Engineer, KCI Mr. Moun Sokmeth, RAMP-II National Resident Engineer, KCI Mr. Keon Ki Chang, Highway Engineer, KCI	H.E. TL, IRE
Participants – Guangdong Provincial Changda Highway Engineering Co., Limited	
Mr. Wan Hong Sheng, Quality Manager, CGCD Mr. Ju Jiang, Quality Manager, CGCD Mr. Tan Chi, MPE, CGCD Mr. Xiao Kunpheng, MPE, CGCD Mr. Huang Guite, Engineer, CGCD	PM/RM

No.	Minutes of Meeting	Action by
1	Meeting with CW4/CW2 10:30 pkg4 TL and IRE-ISWS advised the contractor on the following subjects: QA/QC and QAP Contractor shall establish Quality Assurance and Quality Control system including: QAP, Laboratory, staff and Site supervisors. Separate from site engineers/foremen is responsible for execution of works to check the works in accordance with Technical Specification, carry out tests, test results, registries and documentations for QA/QC as required in international ISO Code and Technical Specification.	Contractor

	<p>Due to lack of complete implementation of QA/QC, we faced some problems i.e. pavement without designed, checked and approval of working drawings, caused error on provision of super elevation, wrong line marking, construction work without testing or recording check tests in AC Production concrete works that created very costly problem for CGCD. This type of works shall be stopped.</p>	
2	<p>TL stated: For all executed works we cannot certify one penny before the complete QA/QC record including the following Items provided in accordance with Specifications:</p> <p>Set out: Including cross section (every 10m) longitudinal profile and plans.</p> <p>Survey check endorsed by ISWS surveyor that the executed works are the same as approved working drawings.</p> <p>Completed check lists, released hold points, test results, statement of compliance by QA and RM/PM, that the workmanship, testing and results full filed Specifications.</p> <p>IRE/RE and Contractor shall immediately holding a meeting and organize the required records within next week.</p>	<p>Contractor ISWS To strengthen QA/QC System</p>
3	<p>Contractor's representative followed the meeting TL stated it seems you are not sure about the contractor's responsibility for signing off the RFI, then read out the clause 20 of GC and repeated. No Payment can be certified without complete required QA/QC documentation. He explained in detail about filling up check lists.</p>	<p>Contractor ISWS</p>
4	<p>Action plan – the Action plan for CW2 and CW4 were discussed in depth. Contractor/IRE shall complete these action plans and get the contractors to sign it and submit for further action.</p>	<p>Contractor ISWS</p>
5	<p>Work Program – TL emphasized the program shall be realistic and showing all stages of every activities, i.e set out, existing ground level survey, design of working drawing time for approval, traffic control, execution checking the work done if comply with drawing and Specification then the work is completed.</p> <p>Your program for CW2 submitted recently is wrong it didn't consider AC over shoulder? Why? AC on shoulder and 5cm instead 4cm have already ordered by Employer and issued by TL /PM – ISWS.</p>	<p>Contractor ISWS</p>
6	<p>TL explained about contractor's and ISWS responsibilities. Contractor shall submit his methodology, work program including quality control supervision, testing and documentation. Also, to prepare working drawing according to drawing. Specification and updated site conditions and submit to ISWS for</p>	<p>Contractor ISWS</p>

	review and approval. Without these 2 pre-requisites the work shall not be commenced on site.	
7	QAP – the QAP shall be completed I recall when our international material Engineer Mr. Sardar was here we sent a letter to correct and complete a specific QAP including check lists. Mr. Shu was warned that he shall complete of tests and documentations for executed works as well as QAP by 09/11/2018.	Contractor
8	<p>Removal of vegetation – to execute all type of work first the contractor shall propose a technically appropriate methodology in accordance with technical specification. The payment comes after, the low unit rate for Item is contractor's fault we cannot allow negligence because of contractor made mistake and the bid price is below the cost.</p> <p>As directed by WB mission and HE Project Director the vegetation shall be removed promptly as determined in the action plan and program. Especially the vegetation in the side drain shall be removed this shall be finalized soon.</p>	Contractor
9	<p>Working drawings for signs and line marking:</p> <p>TL instructed the contractor that shall submit the plans for line marking, studs, signs and all related documents to IRE who shall review and also send it to RS Auditor for review and confirmation the supplier of signs shall be registered agency or all materials and fabricated element shall be tested examined against Specification.</p> <p>TL strongly advised the contractor that they shall proceed to propose the methodology and apply the approved treatment for flood damaged area in priority, it means the broken, potholed section to be repaved by permanent work including strengthening by macadam, base course and AC as soon as possible in the way the Contractor's maintenance cost also will be reduced.</p>	Contractor
10	Road safety – TL very seriously criticized the contractor's breach of Road Safety, mentioned about the depositing material on the carriageway put some branches on that is not acceptable in case of accident Contractor solely would be responsible, supervisor also if don't give them specific instruction for correction of default would be responsible. He discuss with contractor and RSA who was in the meeting and suggest to Contractor to run road safety training course for his workers and staff to train them road and workplace safety	Contractor
11	Problem of negligence on the provision of superelevation base on AC overlay – TL warned them that at beginning they committed couple of	Contractor

	<p>serious mistakes that indicate your site management specially your QA/QC (self-control) team is not capable to control the quality, design, working drawing and set out of reference points. I instruct you to identify the gap in the system and rectify it, this is more important than correction of error. Also the executed finish line (L and cross sections) shall be surveyed and compare with required right cross sections at curves and find out the extent of the correction. Contractor under direct supervision of IRE/RE to proceed the implementation the required correction.</p>	
12	<p>Concrete pipes – The following non-conformances have been observed:</p> <ul style="list-style-type: none"> - The quality control and testing is not adequate. - Some of pipes are damaged inside is rough. - The handing, curing is not adequate. - Due to lack of appropriate curing, the taken sample in water cannot representative of the actual concrete. <p>To accept these 600 pipes that you have made shall pass the following investigate testing and specification requirement to be acceptable.</p> <p>i- Mr Jeeva personally take the inspector/assistance and direct them for visual inspection, installing the I. D. No for all pipes with date of casting and time.</p> <p>ii- IRE randomly chooses 3 segment pipe and core sample of each pipe to be taken and tested.</p> <p>iii- All documentation to be prepared and sign by ISWS.</p> <p>If every pipes pass the above visual checking, test result and document is ready then they can use it, the 3 point test shall be checked by independent laboratory to find a way to carry out, 3 point test.</p>	Contractor
13	<p>Contractor asked about material to cover the edge of AC on both sides. TL responded due to variation in the width of this section depends site condition, this problem to be studied by IRE and contractor and to find appropriate solution. In my opinion the base courses with PI=6 can be used or to be match finished with side slope.</p>	Contractor
14	<p>Other Issues:</p> <ol style="list-style-type: none"> 1. Road safety and traffic control. TL intimated that contractor should have one traffic safety control Manager. And he should do train every day to the workers and the traffic control people should have separate uniforms. 2. TL advised to assign experienced trained traffic controller with appropriate safety outfit. 3. You cannot keep close the road for your works. 	

	<ol style="list-style-type: none"> 4. Do not put the materials on shoulder for long time. 5. Prepare the shoulder properly and compact as required as per specifications. 6. Mr. Xhu, Quality Control Manager is responsible for the materials dumping on the road. So he has to control the materials dumping on the road and traffic problem. 7. Super elevation issues: Contractor has to design all the super elevations according to the standard design and should be provided while doing constructions. TL advised the contractor to analyze and provide the methodology to correct all the super elevation in the new construction according to the standard details provided in the standard drawing in the Contract Conditions. Super elevation problem is the safety problem and it is a serious issue and the Contractor is responsible for the setting out, design, and to follow the standard drawing considering the super elevation is main safety issue. Provide 40 km speed sign board wherever the required super elevation is not available. Transition curves to be adopted wherever necessary to maintain smooth change for the super elevation areas. 8. TL insisted not to rush the works before getting the approval of working drawings. First prepare and submit all the working drawings and get their approval. You need to have work order to start any work before you start work according to the Contract Conditions. If you start any work without having proper working drawing, check list, Quality Control Plan, the work cannot be accepted. So, Contractor has to take necessary action to prepare the required paper works. 9. TL advised to check all the cross fall in the newly constructed AC surface and to submit compliance report. 10. Wherever the super elevation is not sufficient temporarily to the time it is corrected to put the 40 km restricting speed limit sign board. 11. Regarding construction of Pipe, the system has to be corrected and to get improved. The nominal size of aggregates supposed to be 12 mm but you used 19 mm aggregates, we said we will check the finished products pipes. We will not accept unless you do necessary tests and assure the strength. When you produced the concrete, you should produce samples and to break in laboratory and find compressive strength. 12. All the pipe culverts should have time, date of casting of concrete, number of culverts etc. to identify the pipe segments. It should heat and stabled to the pipe culvert. 13. TL asked about the system of curing for the pipe culvert. Contractor replied that they are pouring water to keep the moisture in concrete. TL asked how long you keep in formwork for one concrete. Contractor replied one day. It should not be removed the fresh concrete pipe culvert. <p>TL advised, steam curing should be done with plastic covering so that the moisture will be there in the concrete for 14 days curing. Or you should use curing compound.</p>	
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	<p>14. The pipe culverts are having rough and mark of the cracks and keep it separate. Randomly you make at least 3 cores to be taken and to test the strength of the pipes. If any fail, then you have to make more number of tests to check the strength.</p> <p>15. You should give your methodology for all above mentioned casting, curing and QA/QC approval from us.</p>	
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Faithfully yours,

Mehdi Hakami
Team Leader
ISWS Consultants Korea Consultants
International

[illegible]



19th December, 2018

Mr. Tang TianJian

Road/Project Manager of CW-1

Sichuan Road & Bridge (Group) Corporation Limited

Email: srbqnr3@gmail.com

Our Ref No. RAMP II-IDA/TL/2018-270

**Contract : Road Asset Management Project II (RAMP- II), IDA Credit No. 5789-KH,
N° KH-MPWT-1-CW-RFB/Maintenance and Strengthening of NR-3
(PK147+100 - PK201+400)**

Ref: Management Meeting on 14th December 2018

Subject: Employer/ISWS Instructions MoM of Management Meeting

Dear Sir,

Please find attached minutes of meeting (MoM) held on 14th December, 2018 at MPWT-Conference Room for your information and implementation. This memo and the attached MoM is issued in accordance with clause 5.2 of GC. This is a contractual notice that issued for all non-confirming issues that your company failed to fulfill the contract conditions. You are warned if immediate corrective action are not taken the relative preventive decision in accordance with condition of contract would be taken and the related clause will be imposed. These issues in order of importance are:

1. Road Safety during Construction - Ref to ISWS letter: No.232 and 263
2. Environmental, Social Safeguard, GRM - Ref to ISWS letter: No.249 and 263
3. Quality Control of Works - refer to ISWS letter: No.194 and 240
4. Compliance with Technical and OPRC Specification beside Corrective Actions for the abovementioned Issues, The Preparation of working drawing, for pavement and sides drain works, Work Program, CEMP, MPR and all required document in accordance with condition of contract and the listed documents mentioned in MoM of Kick-off Meeting dated 28th February, 2018 and pursued by H.E. Project Director and International Procurement Coordinator during the meeting.

By a copy of this letter to ISWS IRE/RE they shall cooperate with contractors. Also the contractor's self-quality control unit (Quality Manager) and ISWS - IRE/NRE shall control QA/QC system as set by ISWS-IME/QM for all contractor's activities from, set out, calculation for design of pavement and side drain, preparation of working drawings, Execution of works specially compliance of Road Safety, Environmental Protection, Social Safeguard Frame

Continuous.....

Our Ref No. RAMP II-IDA/TL/2018-270

Works. These hold points shall be released by IRE/RE, it means if the standard road safety is not in place the occupation of lane and construction works are not allowed.

We hope and believe by compliance with the contract condition there is not any need for the punitive clause of contract to be applied.

Faithfully yours,

Mehdi Hakami
Team Leader
ISWS Consultants
Korea Consultants International

Cc: H.E.Mr. Pheng Sovicheano, Secretary of State, MPWT, Project Director, RAMP-II
Mr. Kang Phirith, Project Manager, RAMP-II, MPWT
Mr. Sar Vutha, Procurement Coordinator, RAMP-II, MPWT
Mr. Lee Myung Geun, IRE-NR3-RAMP-II-ISWS
Mr. Pong Vireak, RE-RAMP-II-ISWS
Mr. Kong Sophin, Senior Counterpart



KOREA CONSULTANTS INTERNATIONAL CO. LTD
in Joint Venture with KEC & LASA
Implementation Support and Works Supervision
Road Asset Management Project II (RAMP II), IDA Credit No. 5789-KH
Ministry of Public Works and Transport



20th December, 2018

Mr. Zhao Liming
Project Manager
Guangdong Provincial Changda Highway Engineering Co., Ltd.
#43, Street 02A, Borey Piphup Thmey
Phnom Penh, Cambodia.
Email: 411370235@qq.com , H/P: 071 577 1580

Our Ref No. RAMP II-IDA/TL/2018-271

Contract : Road Asset Management Project II (RAMP- II), IDA Credit No. 5789-KH,
N° KH-MPWT-2-CW-RFB/Maintenance and Strengthening of NR-7
(PK136+000 - PK186+000)

Ref: Management Meeting on 14th December 2018

Subject: Employer/ISWS Instructions MoM of Management Meeting

Dear Sir,

Please find attached minutes of meeting (MoM) held on 14th December, 2018 at MPWT-Conference Room for your information and implementation. This memo and the attached MoM is issued in accordance with clause 5.2 of GC. This is a contractual notice that issued for all non-confirming issues that your company failed to fulfill the contract conditions. You are warned if immediate corrective actions are not taken the relative preventive decision in accordance with condition of contract would be taken and the related clause will be imposed. These issues in order of importance are:

1. Road Safety during Construction - Ref to ISWS letter: No.239 dated 7th December 2018 and Site instruction No. 3, 4, 10, 12, 15, 16, 17,18
2. Environmental, Social Safeguard, GRM - Ref to ISWS letter: No.249 dated 12th December 2018
3. Quality Control of Works - refer to ISWS letter: No. 252 dated 12th December 2018
4. Compliance with Technical and OPRC Specification beside Corrective Actions for the abovementioned Issues, The Preparation of working drawing, for pavement and sides drain works, Work Program, CEMP, MPR and all required document in accordance with condition of contract and the listed documents mentioned in MoM of Kick-off Meeting dated 28th February, 2018 and pursued by H.E. Project Director and International Procurement Coordinator during the meeting.


By a copy of this letter to ISWS IRE/RE they shall cooperate with contractors. Also the contractor's self-quality control unit (Quality Manager) and ISWS - IRE/NRE shall control QA/QC system as set by ISWS-IME/QM for all contractor's activities from, set out, calculation for design

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of pavement and side drain, preparation of working drawings, Execution of works specially compliance of Road Safety, Environmental Protection, Social Safeguard Frame Works. These hold points shall be released by IRE/RE, it means if the standard road safety is not in place the occupation of lane and construction works are not allowed.

We hope and believe by compliance with the contract condition there is not any need for the punitive clause of contract to be applied.

Faithfully yours,



Mehdi Hakami
Team Leader
ISWS Consultants
Korea Consultants International

Cc: H.E.Mr. Pheng Sovicheano, Secretary of State, MPWT, Project Director, RAMP-II
Mr. Kang Phirith, Project Manager, RAMP-II, MPWT
Mr. Sar Vutha, Procurement Coordinator, RAMP-II, MPWT
Mr. C. Jeevanantham, IRE, ISWS Consultants
Mr. Moun Sokmeth, NRE3/Road No. 7
Mr. Sok Saman, Senior Counterpart

Note to IRE's

Please prepare memo, contractual notice and NCR for all contractor's defaults including location, breached clause(s), corrective action, necessary correction on contractor's self-quality control system. The defective works and unapproved work won't be acceptable.



KOREA CONSULTANTS INTERNATIONAL CO. LTD
in Joint Venture with KEC & LASA
Implementation Support and Works Supervision
Road Asset Management Project II (RAMP II), IDA Credit No. 5789-KH
Ministry of Public Works and Transport



20th December, 2018

Mr. Zhao Shifeng

Road/Project Manager of CW-3

Sichuan Road & Bridge (Group) Corporation Limited

Email: duyuyu@yeah.net

Our Ref No. RAMP II-IDA/TL/2018-273

Contract : Road Asset Management Project II (RAMP- II), IDA Credit No. 5789-KH,
N° KH-MPWT-3-CW-RFB/Maintenance and Strengthening for NR-7
(PK186+000 - PK243+000)

Ref: Management Meeting on 14th December 2018

Subject: Employer/ISWS Instructions MoM of Management Meeting

Dear Sir,

Please find attached minutes of meeting (MoM) held on 14th December, 2018 at MPWT-Conference Room for your information and implementation. This memo and the attached MoM is issued in accordance with clause 5.2 of GC. This is a contractual notice that issued for all non-confirming issues that your company failed to fulfill the contract conditions. You are warned if immediate corrective action are not taken the relative preventive decision in accordance with condition of contract would be taken and the related clause will be imposed. These issues in order of importance are:

1. Road Safety during Construction - Ref to Site instruction No. 1, 7, 8, 10
2. Environmental, Social Safeguard, GRM - Ref to ISWS letter: No.249 dated 12th December 2018
3. Quality Control of Works - refer to ISWS letter: No. 246 and 251 dated 12th December 2018
4. Compliance with Technical and OPRC Specification beside Corrective Actions for the abovementioned Issues, The Preparation of working drawing, for pavement and sides drain works, Work Program, CEMP, MPR and all required document in accordance with condition of contract and the listed documents mentioned in MoM of Kick-off Meeting dated 28th February, 2018 and pursued by H.E. Project Director and International Procurement Coordinator during the meeting.

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Continuous.....

Our Ref No. RAMP II-IDA/TL/2018-273

of pavement and side drain, preparation of working drawings, Execution of works specially compliance of Road Safety, Environmental Protection, Social Safeguard Frame Works. These hold points shall be released by IRE/RE, it means if the standard road safety is not in place the occupation of lane and construction works are not allowed.

We hope and believe by compliance with the contract condition there is not any need for the punitive clause of contract to be applied.

Faithfully yours,



Mehdi Hakami
Team Leader
ISWS Consultants
Korea Consultants International

Cc: H.E.Mr. Pheng Sovicheano, Secretary of State, MPWT, Project Director, RAMP-II
Mr. Kang Phirith, Project Manager, RAMP-II, MPWT
Mr. Sar Vutha, Procurement Coordinator, RAMP-II, MPWT
Mr. C. Jeevanantham, IRE, ISWS Consultants
Mr. Moun Sokmeth, NRE3/Road No. 7
Mr. Sok Saman, Senior Counterpart

Note to IRE's

Please prepare memo, contractual notice and NCR for all contractor's defaults including location, breached clause(s), corrective action, necessary correction on contractor's self-quality control system. The defective works and unapproved work won't be acceptable.



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Implementation Support and Works Supervision
Road Asset Management Project II (RAMP II), IDA Credit No. 5789-KH
Ministry of Public Works and Transport



20th December, 2018

Mr. Zhao Liming
Project Manager
Guangdong Provincial Changda Highway Engineering Co., Ltd.
#43, Street 02A, Borey Piphup Thmey
Phnom Penh, Cambodia.
Email: 411370235@qq.com , H/P: 071 577 1580

Our Ref No. RAMP II-IDA/TL/2018-272

Contract : Road Asset Management Project II (RAMP- II), IDA Credit No. 5789-KH,
N° KH-MPWT-4-CW-RFB/Maintenance and Strengthening of NR-7
(PK243+000 – PK300+000)

Ref: Management Meeting on 14th December 2018

Subject: Employer/ISWS Instructions MoM of Management Meeting

Dear Sir,

Please find attached minutes of meeting (MoM) held on 14th December, 2018 at MPWT-Conference Room for your information and implementation. This memo and the attached MoM is issued in accordance with clause 5.2 of GC. This is a contractual notice that issued for all non-confirming issues that your company failed to fulfill the contract conditions. You are warned if immediate corrective actions are not taken the relative preventive decision in accordance with condition of contract would be taken and the related clause will be imposed. These issues in order of importance are:

1. Road Safety during Construction - Ref to Site instruction No. 3, 12, 16, 17, 19
2. Environmental, Social Safeguard, GRM - Ref to ISWS letter: No.249 dated 12th December 2018
3. Quality Control of Works - refer to ISWS letter: No. 253 dated 12th December 2018 No. 236 dated 5th December 2018
4. Compliance with Technical and OPRC Specification beside Corrective Actions for the abovementioned Issues, The Preparation of working drawing, for pavement and sides drain works, Work Program, CEMP, MPR and all required document in accordance with condition of contract and the listed documents mentioned in MoM of Kick-off Meeting dated 28th February, 2018 and pursued by H.E. Project Director and International Procurement Coordinator during the meeting.

By a copy of this letter to ISWS IRE/RE they shall cooperate with contractors. Also the contractor's self-quality control unit (Quality Manager) and ISWS - IRE/NRE shall control QA/QC system as set by ISWS-IME/QM for all contractor's activities from, set out, calculation for design

of pavement and side drain, preparation of working drawings, Execution of works specially compliance of Road Safety, Environmental Protection, Social Safeguard Frame Works. These hold points shall be released by IRE/RE, it means if the standard road safety is not in place the occupation of lane and construction works are not allowed.

We hope and believe by compliance with the contract condition there is not any need for the punitive clause of contract to be applied.

Faithfully yours,

Mehdi Hakami
Team Leader
ISWS Consultants
Korea Consultants International

Cc: H.E.Mr. Pheng Sovicheano, Secretary of State, MPWT, Project Director, RAMP-II
Mr. Kang Phirith, Project Manager, RAMP-II, MPWT
Mr. Sar Vutha, Procurement Coordinator, RAMP-II, MPWT
Mr. C. Jeevanantham, IRE, ISWS Consultants
Mr. Moun Sokmeth, NRE3/Road No. 7
Mr. Sok Saman, Senior Counterpart

Note to IRE's

Please prepare memo, contractual notice and NCR for all contractor's defaults including location, breached clause(s), corrective action, necessary correction on contractor's self-quality control system. The defective works and unapproved work won't be acceptable.



MINUTES OF MANAGEMENT MEETING

- With Sichuan Road and Bridge Group Corporation Limited
on Contract N° KH-MPWT-1-CW-RFB for NR-3 and N° KH-MPWT-3-CW-RFB for NR-7
- And Guangdong Provincial Changda Highway Engineering Co., Limited
on Contract N° KH-MPWT-2-CW-RFB and N° KH-MPWT-4-CW-RFB for NR-7

MEETING DATA SHEET

Project Title	Road Asset Management Project II (RAMP-II)
Date and Time	14 December 2018 – 3:00pm
Location	RAMP-II Conference Room - 4 th Floor, Eastern Building, Corner Norodom Blvd. and St.106 Phnom Penh, Cambodia
Objective	Management Meeting Employer-Contractor
Issuer	Mr. Mehdi HAKAMI , RAMP-II Team Leader/Project Manager, KCI
Contracts/ROADs	N° KH-MPWT-1-CW-RFB for NR-3 and N° KH-MPWT-3-CW-RFB for NR-7 N° KH-MPWT-2-CW-RFB and N° KH-MPWT-4-CW-RFB for NR-7

DISTRIBUTION

Participants	Copy to
Participants –MPWT	
H.E PHENG Sovicheano, Project Director Secretary of State, RAMP-II-MPWT Mr. Kang Phirith, Project Manager, RAMP-II, MPWT Mr. Sar Vutha, Procurement Coordinator, RAMP-II-MPWT Mr. Sok Sam An, Senior Counterpart, RAMP-II-MPWT Mr. Gaétan Gobeil, Int. Procurement Expert, RAMP-II (IPE)	PD, PM, IPE
Participants – KCI – Implementation Support and Works Supervision (ISWS) Consultant	
Mr. Mehdi HAKAMI, RAMP-II Team Leader/Project Manager, KCI Mr. LEE Myung Geun, RAMP-II-IRE-NR3 /KCI Mr. C, Jeevanantham, RAMP-II-IRE-NR7 /KCI Mr. Thai Kheang, National Senior Resident Engineer, KCI Mr. Moun Sokmeth, RAMP-II National Resident Engineer-CW2 -CW4, KCI Mr. Pong Vireak, RAMP-II National Resident Engineer-CW1, KCI Mr. Seng Bora, Safeguard, Consultant-RAMP-II Mr. Ty Sopheak, National Material Engineer-RAMP-II/KCI Mr. Bou Puthy, Team Leader, CDOH-RAMP-II Mr. Kong Sopheak, ESC, Consultant RAMP-II	TL, IME, IRE, RE
Participants – Sichuan Road and Bridge Group Corporation Limited	
Mr. Zhao Shifeng, Project Manager of NR7 Mr. Deng Yu Can, Pavement Manager, SRBG Mr. Xie Xin, Road Engineer, SRBG Mr. Wang Jin, Translator, SRBG Ms. Luo Qing, Quality Manager of NR3 Mr. Du Ruyu, Quality Manager of NR7	SRBG Representative

Participants – Guangdong Provincial Changda Highway Engineering Co., Limited	
Mr. Yu Jiang, Quality Manager, CGCD Mr. Zhang Min, Contract Manager, CGCD Mr. Xiao Kunpheng, MPE, CGCD	CGCD Representative

No.	Minutes of Meeting	Action by
	Project Director opened the meeting, thanked for participants and stated some of Contractor's duties that have been explained and issued vide MoM of Kick of Meeting on 6 th March 2018, hasn't been completed to this date, before to enter to detail of it, I should point out 2, 3 important issue:	
1	Cooperation – I don't know why we don't coordinate and cooperate well specially the Contractor and my team try to help and be fair, paying you what you do. But you don't comply with Specifications. I ask ISWS to tell us what are the problems on site, we have problems that we have seen on site.	
2	TL asked to start with progress before attending to problems, the contractor briefly mentioned about the progress physical progress on CW4 was very good, CW1, CW2 and CW3 had some progress but still very behind. (see Attachment 2 for progress report).	Contractor ISWS
3	Problems (CW1, CW2, CW3, CW4) 3.1-IRE-NR7: The design of pavement hasn't been submitted by Contractor that it is necessary for next action that is profile and cross section. - EMP Work Program (Pkg), Road Safety they have not submitted on adequate documents as expected by World Bank Standard, MPR (see the detail of problems in attachment 2). 3.2-IRE/RE-NR3: Lack of submission of report, work activities design, laboratory is not equipped (TL asked RE to inform the meeting of problems on executed works) RE said Contractor doesn't follow design drawing for base course they do the AC without repair the defects on the new base course layer, no staff for checking the work, only one chineses engineer who doesn't know how to execute the works. The chineses staff and operator cannot communicate with Employer /Supervisor or local staff/ workers of Contractor (Lack of English / Khmer), in result the quality of works is very low.	Contractor ISWS
4	His Excellency Project Director instructions to Contractor, ISWS and Counterpart - His Excellency Project Director said: I have listened to this, I am very concern, we signed contract with both of you, the quality is not the best, let start with design CGCD why you didn't send the design. - Contractor Said: We out sourced our design to Mr. Sea Sochivoan, that he hasn't given us to this date (not 100% right, I checked with Sochivoan) - His Excellency Project Director Commented: if it is right, you may employ another sub-Consultant there are many local Consultant immediately employed one of them. - The Problem with design is that you supposed to provide Super Elevation. If this is additional work according to Condition of Contract, we are ready to look to it and we would pay it, If it is not contractually disallowed. - His Excellency Project Director - Emphasized this way cannot be continued you must bring a new designer immediately. You shall know all	Contractor ISWS

	<p>non-confirming works must be corrected on your own cost. We will impose the remedial action upon you and your company shall bear the additional cost.</p> <p>- we cannot allow these types of works.</p>	
	<ul style="list-style-type: none"> - PM/TL-ISWS Stated: The main problem in 3 Contractors (CW4, CW1, CW3) is that they applied a wrong method for placement of base course overlay, instead to provide an appropriate longitudinal profile and cross sections, then to follow them with right method for level control to provide acceptable rideability and smooth finish level in accordance with specifications. They simply decided to add the nominal thickness on the existing road surface and executed it and cover it by AC. Now there is high risk of non-confirming condition from geometric points of view i.e. smooth L-Profile and cross sections and compliance with standards. - His Excellency Project Director - Confirmed TL Statement and mentioned, there is technical Auditor and you will not get away with non-confirming works, even if you have been paid in IPC, later, we can deduct from you. You must remedy your works by your own cost, I am very disappointed of you, now is the time you change your attitude. - CGCD representative stated: 19km pavement design will be sent next week. - PM/TL Said: Pavement Design is necessary but more important is the L-Profile and Cross Sections. According to GC Clause 27, the work orders for Improvement Works shall be issued by PM/TL-ISWS prior to start of works. It works have been done without works orders. The payment without works orders and approved working drawing is not possible. Contractor and ISWS shall start to check. <ul style="list-style-type: none"> • Finish level of L-Profiles, Cross Sections (Early Preparation of As built, document is necessary for Taking Over of the completed sections for application of Maintenance Monthly Payments). • The QA/QC documents for executed works and acceptable works as inspected by ISWS and Counterpart. • The Contractor shall provide the design, works orders and obtain the approval and work orders, also provide all check lists and test result prepared by Contractor Self Control, QA/QC documents and confirmed by ISWS to be eligible for payments. IRE /RE shall cooperate with Contractor to prepare these documents and submitted to PM/TL to be certified soon before the end of December. - Mr. Gaé Tan Gobeil Stated: Since March 2018, kick off Meeting you were requested for designs as soon as possible, now after 9 months still they haven't been done, please explain why you did not provide the design. - His Excellency Project Director Instructed: Contractors to bring a pavement designer and provide the required designs and asked about the design for Package 1. - PM/TL Said – The Pavement design is prerequisite for sections that they want to change the original design i.e. on Pkg CW3 that they want to apply Base Course from Km186–191 that doesn't require base course according to the original design. This additional works shall be proved that is required based on design the proposal for inclusion to be confirmed by ISWS and approved by Employer. By the execution without approval and works order, the Contractor accepts the risk that if Variation not to be approved by World Bank, no payment for works may be available. 	<p>Contractor ISWS</p>

	<ul style="list-style-type: none"> - His Excellency Project Director Stated: Mr. Sardar IME returned and he is setting up a Quality System for works that all contractor shall provide the elements of this self-quality control according to this QA/QC system. Also, ISWS shall increase the no of local supervisor. - His Excellency Project Director- Asked about CW2: IRE replied their self-quality control are not adequate, Excellency instructed Contractor to increase their supervisory staff to control the quality in accordance with the system established by ISWS Quality Manager (IME). - Excellency repeated frequently and emphasized on quality of works. - IRE-NR-3 advised the Contractor to check and review the drawings and specifications to get more familiar with works. 	
5	<p>Work Program-His Excellency Project Director asked if contractors haven't sent their work program yet.</p> <p>PM/TL informed that contractor have submitted Programs that were incomplete, reviewed by ISWS and they were advised for improving the program, but at this moment they haven't updated the program.</p> <p>We prepared the action plans for (CW1 & CW3) and they have signed it but required program needed urgently.</p> <p>His Excellency Project Director warned RM/PM of Contractors, this is warning if they are not able to perform and fail to provide required design, Programs, there is no choice other than replacement of RM/PM and to bring in capable managers.</p> <p>His Excellency Project Director Instructed IRE's to help Contractor's to prepare the programs.</p> <p>Mr. Gaé Tan Gobeil, stated: World Bank required to inform, what you want to do and when you do it, be careful, world Bank, would question, why you don't apply LD for late completion of improvement works, because you are late everybody worried. Please give a time bound program of your works and respect the deadline, he asked Contractor when they submit the revised program.</p> <p>The Contractor of (CW1, CW2, CW3, CW4) committed to submit within this month (31th December 2018).</p> <p>His Excellency Project Director asked about CEMP: The ESC, reported that they have submitted the same as in their bid document and we requested them to submit the specific one, he reported about the problems of each Contractor briefly, the scripts of problem of each package is attached for prompt corrective action as soon as possible (see attachment 3)</p> <p>His Excellency Project Director said, we make this road for people they shall be happy with your arrangement for Environmental Protection.</p> <ul style="list-style-type: none"> - RSA TL: Mentioned about problems he observed in 4 packages, the lists of problem for each package is attached for your information and taking immediate corrective actions. (See attachment 4). - PM/TL Mentioned: The condition of 3 important issues, Road Safety, Environmental Protection (dust control) and GRM, community coordination before works in urban area or near properties i.e. - Side Drain and Pavement Works: World Bank has warned that the breach on these issues may cause the termination of project. Now every day we receive complaints from TTL -World Bank for problems on NR7, I inform 	Employer IPE ISWS Contractor

you if you don't improve the current condition 2% non-refundable penalty (clause 51.IPC), would be imposed (IRE/RE shall impose this penalty)

- Mr. Gaé Tan Gobeil, asked Contractor
 - i. Please send a copy of GBV forms to ISWS.
 - ii. Submit valid Insurance Policy (GC Clause 35).
 - iii. CEMP, Communication Plan and all required documents mentioned in MoM of Kick off Meeting in March 2018.

His Excellency Project Director instructed Contractors do submit all above mentioned documents before end of December 2018.

- His Excellency Project Director asked Contractor if they have any request or want to comment on any issue to proceed.

- CGCD Representative Said - He is going to submit the Work Program in the next week. He asked for Variations, His Excellency Project Director replied: we will finalize the variation before end of this month, we have to see the bid document carefully, we generally agree that for implementation of the right technical solution, to pay the additional payments if it is allowed in accordance with Contract Condition.

- SRBG (CW3) Replied – We have completed HMP and will start AC on 16th December 2018. We spent a lot of money and requested the IPC to be processed quickly.

- His Excellency Project Director mentioned he tries his best to speed up the payments.

- SRBG (CW1) Replied –They have many proposals for variations and requested to speed up the reply to their proposals.

- His Excellency Project Director mentioned - He attend to these variations after 21st December 2018 and based on the bid document, we will decide.

- PM/TL mentioned: The SRBG-CW1, Contractor shall provide all checking and testing for their 5km work. they have done as soon as possible. Previously they delayed unnecessary to submit the proposal for interim payment No.1 for Emergency Works, our follow up for receiving the IPC No.2 was not successful. Contractor needs better coordination with IRE to prepare the IPC with all documents, timely and to be able to complete IPC quickly and rightly.

- Mr. Gaé Tan Gobeil – inform Contractor to submit first Performance Security, then after signing the Amendment 1, their request for Advance Payment can be processed.

- Please submit OPRC document as soon as possible, I do think this OPRC Contract will be successful.

- His Excellency Project Director expressed high confidence that all parties Contractor, Consultant and Employer should try and can be successful in execution of the first OPRC Contract in the region.

- His Excellency Project Director thanked the participant and wished them good weekend.

Faithfully yours,



Mehdi Hakami
Team Leader

ISWS Consultants Korea Consultants International



Attachment 1

Work progress for 4 Civil Works as 14th December 2018

Description	PkgCW1	PKgCW2	PKgCW3	PKgCW4	Remark
Base Course Executed Km %	4.0 Km, 8.40%	-	4.0 Km, 26.60%	16 Km, 28.10%	
AC Executed Km %	5Km, 9.35%	-	-	20.0 Km, 35.10%	
Road Marking Executed Km %	-	-	-	15.0 Km, 26.30%	
Side Drain Km %	5%	7%	8%	18%	

Attachment 2

Problem at site CW1-NR3

No	Description
1	The work done of AC and Base Course are wrong, not met the requirement
2	Not yet submitted pavement design and working drawing for road and side drain design for approval
3	Not correct elevation of top Base Course following design drawing before prime coat.
4	Not repair defect before Base Course and AC overlay
5	Paving AC overlay direct on top prime coat of Base Course without tackcoat.
6	Bitumen Distributor broken can not apply requirement rate 1L/Sq.m still to use, we rejected it.
7	No re-compact top Base Course that checked field density test failed before prime coat
8	Not enough staff for laboratory technicians team.
9	Not enough equipment for construction works
10	Paving AC overlay not enough thickness design 5cm..
11	All comment the Contractor said Yes, Yes but they don't do following instruction.
12	All Equipment on site are second hand during working it is broken every time.
13	All staff of SRBG hasn't experience working with WB or ADB Project.
14	Not manage the traffic management plan all section during construction.
15	Not spray water cover dust
16	Both side of the road no clean and clear
17	The Contractor SRBG don't check bridges/culverts/structures that need for routine maintenance.
18	The Surveyor of SRBG hasn't experience make drawing cross section and longitudinal Profile Plan of design Pavement and side drain.

Attachment 2

Problem at site CW2-NR7

No	Description
1	The work done of side drains are wrong and without approval drawing
2	Not yet submitted pavement design and working drawing for road and side drain design for approval
3	Road repair very slow and many complain from resident and authority
4	Reinforcing bar not store under cover
5	No method statement for side drain production
6	No checklist before execute the works
7	Laboratory not enough size and not enough equipment as require
8	Excavate side drain without inform to resident and authority and other relevant
9	Not review side drain quantity and side drain investigation
10	Both side of the road not clean and clear
11	Not provide qualify staff provide

Attachment 2

Problem at site CW3-NR7

No	Description
1	The work done of Base Course without approval pavement design and V shape side drain are bad quality
2	Not yet submitted pavement design and working drawing for road and side drain design for approval
3	Concreting pipe without testing slump and take sampling for compressive strength test
4	No method statement for side drain production
5	Not enough lab technicians
6	Not inform to resident and authority before excavator work
7	Both side of the road not clean and clear
8	Excavate hole for install pipe without approved drawing and pipe not yet testing

Attachment 2

Problem at site CW4-NR7

No	Description
1	The work done of AC, Base Course and V shape side drain are wrong, not met the requirement
2	Not yet submitted pavement design and working drawing for road and side drain design for approval
3	Compaction of repairing edge shoulder not properly (look loose material)
4	Not prepared Col list and feedback from residential
5	Not provide cross section before works and after works construction
6	Not correct superelevation at curve section
7	Not scratch existing DBST before base overlay
8	Both side of the road no clean and clear
9	Existing road sign not maintenance
10	Process the work at 285 section without order letter from employer and TL, No method statement, no approval drawing

Attachment 3

Environmental and Social Safeguard.

Civil Work	Issues/Problems	Comments/Suggestions
CW1	<ul style="list-style-type: none"> - Did not submit revised Contractor Environmental Management Plan (CEMP) since July 2018 - The piles of residual waste and gravel were left along the rehabilitation roads and in front of people's house with no warning sign. - Vegetation including grasses and branches were not cleared. - Dust control was poor - No access road to pedestrian - No environmental and social staff to work on safeguard compliance - Toilet was not cleaned and in bad smell - Failed to submit requested outputs to ESC, SSC, ESO several times 	<ul style="list-style-type: none"> ▪ Contractor should take action to revised CEMP immediately and resubmit to ESC and TL for review and approval. ▪ The contractor should remove the piles of residual waste and gravel immediately avoid road accidents before the completion of the work. ▪ The contractor should also clear vegetation including grasses and branches which is part of the contract to keep the road widely visible and beautiful. Vegetation control shall be carried out to cover a rectangular area extending 2m beyond the edge of seal and 6m above the edge of seal, including grass on all traffic islands and overhanging trees. Maximum height of vegetation on the shoulder for a width of 3m from the edge of the sealed pavement (or to the rear side of guardrails or guide posts) shall be less than 150mm when measured by a ruler. All signs shall be unobstructed by vegetation from a distance of 100m from the driver's position. ▪ Contractor should spray water at least 3-6 times per day to minimize the dust and even more if the weather is too hot. ▪ Contractor should provide access road to pedestrian especially at business shops and avoid disturbance to their daily business activities ▪ Contractor should hire environmental and social staff to responsible on safeguard compliance and closely work with ESC, SSC, ESO ▪ Contractor should hire cleaners to clean toilet regularly ▪ Contractor should be more active in complying safeguard requirements.
CW2	<ul style="list-style-type: none"> - Did not submit first draft CEMP since June 2018 - The piles of residual waste and gravel were left along the rehabilitation roads and in front of people's house with no warning sign. - Vegetation including grasses and 	<ul style="list-style-type: none"> ▪ Contractor should prepare CEMP and submit to ESC and TL for review and approval. ▪ The contractor should remove the piles of residual waste and gravel immediately avoid road accidents before the completion of the work. ▪ The contractor should also clear vegetation including grasses and branches which is part of the contract to keep the road widely visible and beautiful. Vegetation control shall be carried out to cover a rectangular area extending 2m beyond the edge of seal and 6m above the edge of seal, including grass on all traffic islands and overhanging trees. Maximum height of vegetation on the shoulder for a width of 3m from the edge of the sealed pavement (or to the rear side of

Attachment 3

Civil Work	Issues/Problems	Comments/Suggestions
	<ul style="list-style-type: none"> branches were not cleared. - Dust control was poor - No access road to pedestrian - No environmental and social staff to work on safeguard compliance - Failed to submit requested outputs to ESC, SSC, ESO several times 	<p>guardrails or guide posts) shall be less than 150mm when measured by a ruler. All signs shall be unobstructed by vegetation from a distance of 100m from the driver's position.</p> <ul style="list-style-type: none"> ▪ Contractor should spray water at least 3-6 times per day to minimize the dust and even more if the weather is too hot. ▪ Contractor should provide access road to pedestrian especially at business shops and avoid disturbance to their daily business activities ▪ Contractor should hire environmental and social staff to responsible on safeguard compliance and closely work with ESC, SSC, ESO ▪ Contractor should be more active in complying safeguard requirements.
CW3	<ul style="list-style-type: none"> - The 2nd revision of CEMP was still in general. - The piles of residual waste and gravel were left along the rehabilitation roads and in front of people's house with no warning sign. - Vegetation including grasses and branches were not cleared. - Dust control was poor - No access road to pedestrian - No environmental and social staff to work on safeguard compliance - Toilet was not cleaned and in bad smell - Failed to submit requested outputs to ESC, SSC, ESO several times 	<ul style="list-style-type: none"> ▪ The assessment of potential negative impacts and proposed mitigation measures should be specific and practical from PK to PK. ▪ The contractor should remove the piles of residual waste and gravel immediately avoid road accidents before the completion of the work. ▪ The contractor should also clear vegetation including grasses and branches which is part of the contract to keep the road widely visible and beautiful. Vegetation control shall be carried out to cover a rectangular area extending 2m beyond the edge of seal and 6m above the edge of seal, including grass on all traffic islands and overhanging trees. Maximum height of vegetation on the shoulder for a width of 3m from the edge of the sealed pavement (or to the rear side of guardrails or guide posts) shall be less than 150mm when measured by a ruler. All signs shall be unobstructed by vegetation from a distance of 100m from the driver's position. ▪ Contractor should spray water at least 3-6 times per day to minimize the dust and even more if the weather is too hot. ▪ Contractor should provide access road to pedestrian especially at business shops and avoid disturbance to their daily business activities ▪ Contractor should hire environmental and social staff to responsible on safeguard compliance and closely work with ESC, SSC, ESO ▪ Contractor should hire cleaners to clean toilet regularly

Attachment 3

Civil Work	Issues/Problems	Comments/Suggestions
		<ul style="list-style-type: none"> Contractor should be more active in complying safeguard requirements.
CW4	<ul style="list-style-type: none"> The 2nd revision of CEMP was still in general. The piles of residual waste and gravel were left along the rehabilitation roads and in front of people's house with no warning sign. Vegetation including grasses and branches were not cleared. Dust control was poor No access road to pedestrian Failed to submit requested outputs to ESC, SSC, ESO several times 	<ul style="list-style-type: none"> The assessment of potential negative impacts and proposed mitigation measures should be specific and practical from PK to PK. The contractor should remove the piles of residual waste and gravel immediately avoid road accidents before the completion of the work. The contractor should also clear vegetation including grasses and branches which is part of the contract to keep the road widely visible and beautiful. Vegetation control shall be carried out to cover a rectangular area extending 2m beyond the edge of seal and 6m above the edge of seal, including grass on all traffic islands and overhanging trees. Maximum height of vegetation on the shoulder for a width of 3m from the edge of the sealed pavement (or to the rear side of guardrails or guide posts) shall be less than 150mm when measured by a ruler. All signs shall be unobstructed by vegetation from a distance of 100m from the driver's position. Contractor should spray water at least 3-6 times per day to minimize the dust and even more if the weather is too hot. Contractor should provide access road to pedestrian especially at business shops and avoid disturbance to their daily business activities Contractor should be more active in complying safeguard requirements.

Attachment 3

Social Safeguards Problem and Solution

1. The problem

- ❖ Contractor did not inform directed to affected person, especially section need to be construct the drainage such as,
 - Did not clear provided Project information, Project description to affected person and local authorities
 - Did not provided clear Project Typical cross section or Corridor of Impact (COI) base on size of the drainage setion
 - Did not Inform clear the data of contractor started on place for each following section directed to affected person
 - Not yet provide GRM or leaflet of the Project to participants
- ❖ Excavated drainage section is too long, disputants some business and living condition to affected person (APs) because of miss information
- ❖ Contractor did keep access road or entrance in to affected households

2. Solution of Social Safeguards

- ❖ Conducted Public Consultation for each section need to be constructed the drainage
- ❖ Inform the Project description to APs and local authorities or related Departments such as Electricity or Water Supply or Cable, if possible
- ❖ Provided Typical cross section information during consultation meeting
- ❖ Inform the data to contractor started I place
- ❖ Distributed GRM or leaflet when conducted consultation meeting or others
- ❖ Register attendant list by thump print or signed

- ❖ Get feedback form affected person or local authorities
- ❖ Monitoring during construction processing
- ❖ Take note complain into the Logbook for each section

3. Participants

1. Safeguards Consultant or Environment Consultant
 2. Counterpart consultant, if possible
 3. ESO from PMWT
 4. Resident Engineering
 5. Contractor
 6. PIU, if possible
 7. Commune Resettlement Sub-Committee as Local Authorities relate Project
 8. Department Relate affected assets or representation from the Public assets
4. Hand hour this activities to ESO or Resident Engineering to conducted activities to others section, if Social Safeguards Consultant not available time

Attachment 4

RSA's CONCERNED ISSUES ON THE RAMP-II FOR NR3 AND NR7

Prepared by CDOH RSA TL

The following are issues of concerns by RSA for the NR3 and NR7 RAMP-II, following field mission by WB MPWT/KCI and management meeting between MPWT/KCI and contractors on 14 Dec.2018 at MPWT at 15hr00. There are whole ranges of issues related to road safety as required by service level specified in the Technical Specification.

	Issues of concerns	Recommendation
1	There are still no proper traffic warning signs of construction ahead placed at the work area	Make traffic warning signs and install as per traffic management submitted to MPWT
2	Flagman/women lack of safety gear and equipment	Provide safety gear to flagman/women and they must wear safety gear such as traffic vest, boot equipped with flag and walkie-talkie and station at all time during works.
3	Dust control	Contractor must ensure that the traffic must not cause large amount of dust fly around the working area by spraying water frequently
4	Improper plan and execution of side drainage excavation and installation	<p>Side drainage installation must be planned and executed with method statement submitted and approved by consultants.</p> <ul style="list-style-type: none">• Excavation length should be excavated only enough to install pipe and completed in one working day. No trench should be left open over night because of excavation exceeding installation capacity.• Once drainage pipe are installed manholes must be installed at the same time at the manhole locations and must be covered with it covers. No manhole shall be left open after installation.• Excavation for side drainage should be done at one side at a time. Contractors must not excavate side drain at the same location on both sides as this will narrow carriageway and there for cause traffic jam inevitably.• When backfill on side drainage pipe contractors must ensure the compacted soil reach at least it adjacent natural soil density by using tamping rammer to

		compact layer by layer not exceed 200mm at a time in the trench then run roller on top layer to match it with existing level wherever possible.
5	Inappropriate Traffic management on work zones such as base course and A/C overlay	<p>Contractors must place traffic warning signs as per plan submitted to MPWT.</p> <ul style="list-style-type: none"> • Traffic controller/flagman/women must be well equipped with safety gear and communication tools and present at all time at the work zone. • When one lane is closed, apart from traffic warning signs placed before and after work area, the road center line must also be cordoned off with plastic warning tape (yellow/white stripe) to warn traffic not to enter the work area. • Contractors must install beacon lights at both end of the work area to warn traffic at night time if they can't reopen the closing lane back to traffic.

The above concerns are a matter of urgent during construction work let alone other service levels stated in the specification such as patching potholes, vegetation control, repair and replace traffic signs etc.... that has not been fulfilled by the contractors.



Date: 14th December, 2018

Agenda

- For Meeting with Guangdong Provincial Changda Highway Engineering Co. Ltd.
On Contract N° KH-MPWT-2-CW-RFB and N° KH-MPWT-4-CW-RFB for NR-7
- For Meeting with Sichuan Road and Bridge Group Corporation Limited
On Contract N°. KH-MPWT-1-CW-RFB for NR-3 and N° KH-MPWT-3CW-RFB for NR-7

1. Opening meeting by Excellency Project Director
2. Priority of Subjects to Discuss
3. Progress of works compare to action plan, program for the next month by Contractors.
4. Problems and solution by ISWS and other Consultants.
5. Contractor's problems expecting Employer/ISWS Assistance
6. RSA, Environmental, Social Safeguard by related consultant.
7. QA/QC of contractor for all aspect including:
Road Safety, Environmental, Social Safeguard, Design, and Construction as well as
operation and maintenance.
8. Variations

Road Asset Management Project II (RAMP-II), Cr. 5789 -KH

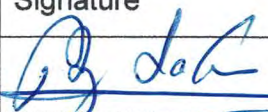
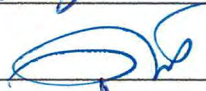




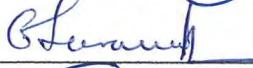
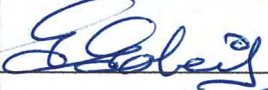


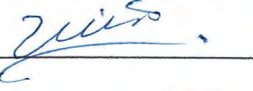



ATTENDANCE LIST


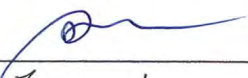
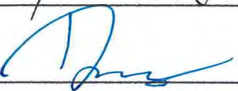
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- For Meeting with Sichuan Road and Bridge Group Corporation Limited
On Contract N°. KH-MPWT-1-CW-RFB for NR-3 and N° KH-MPWT-3CW-RFB for NR-7

Date: December 14th, 2018

Time: 3:00 pm

Venue: RAMP-II'S Conference Room, 4th Floor, Eastern Building, MPWT

No.	Name	Organization	Position	Signature
1	H.E PHENG Sovicheano	RAMPII-MPWT	Secretary of State /PD	
2	Mr. Kang Phirith	RAMPII-MPWT	Project Manager	
3	Mr. Sar Vutha	RAMPII-MPWT	Procurement Coordinator	
4	Mr. Mehdi Hakami	KCI	TL/PM	
5	Mr. Thai Kheang	KCI	NSRE	
6	Mr. LEE Myung Gam	KCI	IRE CW-1	
7	Mr. C. JEEVANANTHAM	KCI	IRE-2	
8	G. GOBEIL	RAMP-II	1 PE	
9	Sok Sam An	"	Senior counterpart	
10	Moun Sokmeth	KCI	NRE	
11	Pong. Virrak	KCI	NRE	
12	Seang Bora	MPWT	Safeguards Com	
13	Ty Sopheak	KCI	NME	
14	Bou Puthy	CDOT	TL	

15	KONG SOPHEAK	MPWT	ESC	
16	WANG Jun	SRBG	Translator	王进
17	LUO QING	SRBG	QM	罗清
18	Deng Yu Can	SRBG	PE	邓彦军
19	Xie Xin.	SRBG	Road Engineer.	谢鑫
20	Du Ruyun	SRBG	Quality Manager	杜如云
21	zhao shifeng	SRBG	Road Manager	赵世峰
22	Yu Jiang	CGCD	QM	
23	Zhang Min	CGCD	Contract Manager	张敏
24	Xiao Kun peng	CGCD	MPE	
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Annex 2: Safeguard Monitoring Report

KINGDOM OF CAMBODIA

Ministry of Public Works and Transport



Road Asset Management Project II (RAMP-II): IDA 5789-KH)
Implementation Supervision and Works Support (ISWS)

SAFEGUARD MONITORING REPORT

MONTHLY REPORT, December 2018



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ACRONYMS

AC	Asphalt Concrete
AH	Affected Household
ARAP	Abbreviated Resettlement Action Plan
BP	Bank Procedure
CEMP	Contractor Environmental Management Plan
COI	Corridor of Impacts
CRPF	Compensation and Resettlement Policy Framework
CRS	Commune Resettlement Sub-Committee
CW	Civil Work
EMP	Environmental Management Plan
ESC	Environmental Supervision Consultant
ESO	Environmental and Social Office
ESSF	Environmental and Social Safeguard Framework
FRALA	Framework for Resettlement and Acquisition of Land and Assets
GDPM	General Department of Public Works
GRC	Grievance Redress Committee
IA	Implementing Agency
IPDF	Indigenous People Development Framework
ISWS	Implementation Support and Works Supervision
Kg	Kilogram
Km	Kilometer
LHS	Left Hand Side
LS	Lump Sum
M or m	Meter
M ² or m ²	Meter Square
MPWT	Ministry of Public Work and Transportation
NGO	Non-Governmental Organization
NR	National Road
OP	Operation Procedure

PAH	Project Affected Households
PIB	Public Information Booklet
PR	Provincial Road
PK	Pole Kilometer
PM	Project Manager
RAMO	Road Assets Management Office
RAMP	Road Asset Management Project
RAP	Resettlement Action Plan
RCP	Reinforced Concrete Pipe
RDCMU	Road Data Collection and Management Unit
RGC	Royal Government of Cambodia
RHS	Right Hand Side
RMDS	Road Management Decision Support
ROW	Right of Way
RP	Resettlement Plan
SD	Side Drain
SSS	Social Safeguard Specialist
URC	U-shape Reinforced Concrete
USM	U-shape Stone Masonry

LIST OF TABLES

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A. INTRODUCTION

1. The Government of Cambodia through the Ministry of Public Works and Transport (MPWT) is provided with World Bank financing to implement a new Road Asset Management Project II (RAMP-II) for a period, from 2016 to 2022.
2. The RAMP-II will support the scaling up of the original RAMP project's achievements to ensure continued effective use of the rehabilitated national and provincial road network in support of the economic development in Cambodia.
3. The project will continue to integrate periodic rehabilitation and maintenance investments with institutional support and capacity development for prioritization and planning, implementation of maintenance activities.

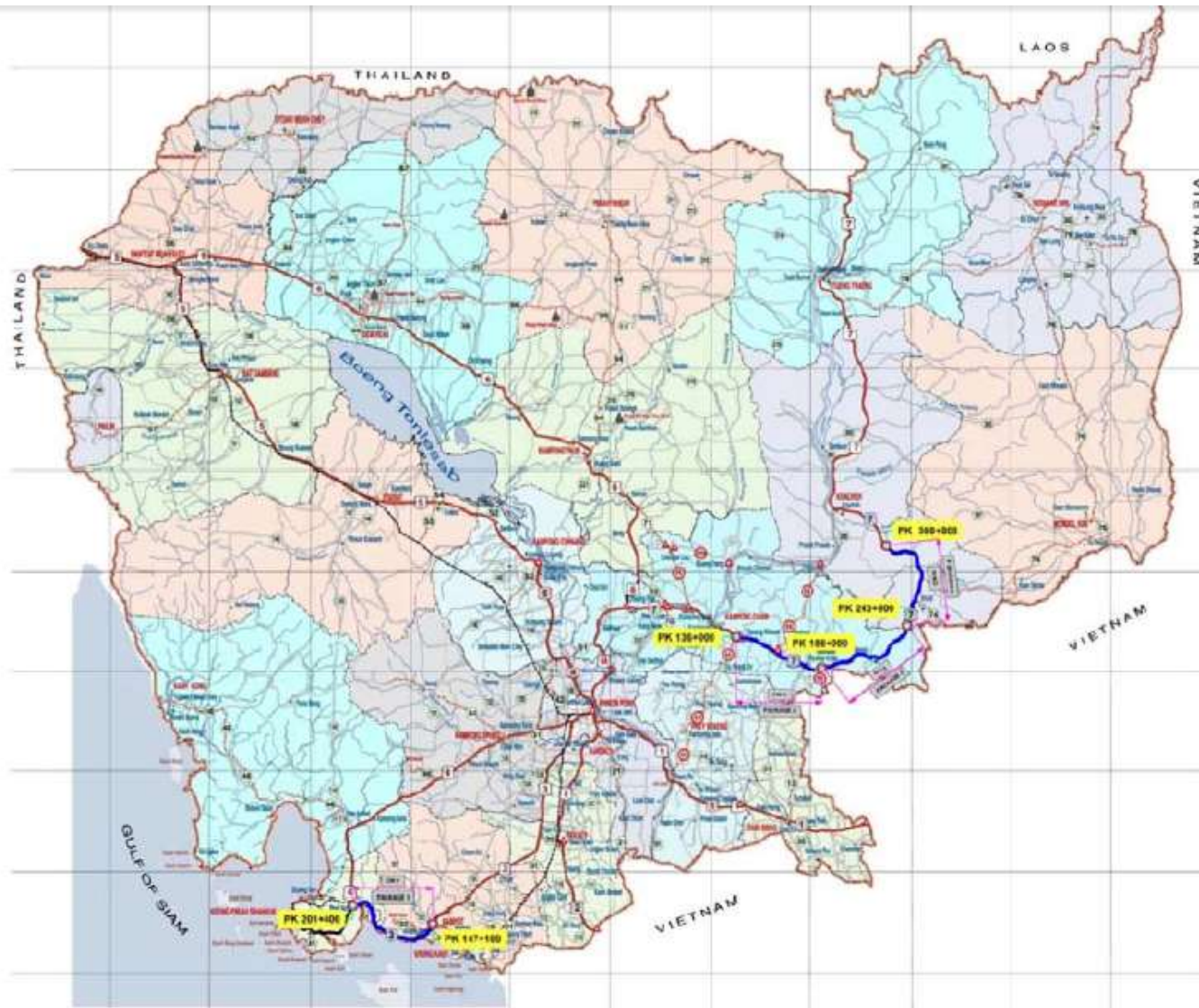
B. PROJECT LOCATION

4. The road sections are located in mainly flat area connecting a number of provincial and district towns (i.e. Kampot and Veal Rinh districts on National Road (NR) No 3 (NR3), and Suong, Memot, and Snuol on National Road No 7 (NR7), in which rapid growth in economic developments and increasing demand for in-land transport are observed.
5. The project will focus on preservation of the existing assets and will not involve any civil works or expansion beyond the current public rights of way.
6. The project will cover repair and maintenance investments of four sections (contracts) of the NR3 located in the southern part of Cambodia from Kampot municipality to Veal Rinh district, and of the NR7 in Thbong Khmum located in the central region.
7. The RAMP-II project has two subcomponents: Sub-component A1 Periodic maintenance and strengthening of national roads, and Sub-component A2 Implementation support.

Sub-component A1: Periodic maintenance and strengthening of about 218 km of existing bitumen-sealed roads with an overlay of asphalt concrete, replacement of current pavement with concrete pavement at flood prone areas, including strengthening and replacement, as necessary, of sub-base and road base-course, using unbound materials or stabilized materials for the road pavement. The civil works would include about 90 km of repair, replacement and installation of new drains, as well as repair and replacement of existing cross-drainage and the placement of some new culverts. The works would be followed by an application of performance-based road maintenance for a period of three years. The works would be divided into four contracts, one on NR3 and three on NR7. The two road lines (i.e., NR3 and NR7) are divided into four road sections:

- CW-1: Periodic maintenance of 54 km of NR3 from Kampot provincial town to Veal Rinh intersection of NR3 and NR4, with performance-based contract covering routine maintenance for three years. It also supports the construction of side drains of 17 km along the NR 3 road.
- CW-2: Periodic maintenance of 50 km of NR7 from PK136 to PK186, with performance based contract covering routine maintenance for three years. It also supports the construction of both side drains along 28.7 km of the NR7 road.
- CW-3: Periodic maintenance of 57 km of NR7 from PK186 to PK243, with performance based contract covering routine maintenance for three years. It also supports the construction of both side drains along 37.7 km of the NR 7 road.
- CW-4: Periodic maintenance of 57 km of NR7 from PK243 to PK300, with performance based contract covering routine maintenance for three years. It also supports the construction of both side drains along 11.8 km along of the NR7 road.

Locations of the Project Area



C. ENVIRONMENTAL SAFEGUARD MONITORING

8. The environmental and social impacts of the project was identified in the Environmental and Social Safeguard Framework (ESSF) and the mitigation measures of these impacts have been addressed through Environmental Management Plan (EMP). The protection and improvement of human-wellbeing is a key indicator for Ministry of Public Work and Transportation (MPWT) and World Bank and have been seen as ultimate goal of sustainable development.

9. Given the nature and scale of civil works for proposed road maintenance and rehabilitation sections, a formal environmental assessment report was not considered necessary based on national laws and Bank Policy OP/BP 4.01. Three policies are triggered including Environmental Assessment OP/BP 4.01, Indigenous Peoples OP/BP 4.10, and Involuntary Resettlement OP/BP 4.12. The project remains classified as environment category B since the impacts are known and likely to be minimal.

10. The ISWS has played an importance role in ensuring that the environmental and social impacts for implementation of the construction works are avoided/minimized and that all aspects of the EMP in the technical specifications are strictly implemented and provided assistance to mitigate and manage any unforeseen environmental concerns associated with the RAMP II Project.

11. In preparing the RAMP-II, the MPWT carried out environmental and social screening along the two (NRs), which are divided into 4 civil work contracts of road sections in November 2013. During the field survey, the ministry also conducted consultations with Project Affected Households (PAHs) along NR7 during November 10-13, 2013 and on NR 3 on November 15, 2013. Outcomes of the screening process documented in the report dated November 20, 2013 reveals that no major environmental and social impacts are envisaged because the proposed road maintenance sections will be carried out on the existing road alignments and within Right of Way (ROW). Some inconveniences may occur during construction such as dust, noise, construction debris and short-term disturbance to the daily business activities, which however can be mitigated by applying good construction practices and close supervision.

12. Prior to the road maintenance activities, under the guidance by Project Management (PM) and ISWS, the Environmental Supervision Consultant (ESC), Social Supervision Consultant (SSC) and Environmental and Social Office made few site visits to contractor's camp and quarry sites and advice all contractors accordingly as to the proper procedure to be followed in the EMP, ESSF and the necessary permits which have to be obtained before commencement of work.

13. Under the guidance by PM and ISWS, ESC, SSC and ESO is responsible to do monthly site visit to each CW. The results of environmental safeguard monitoring in December 2018 is described below and summarized in Table 1.

NR3-CW1: From PK:147+100 to 201+400

14. During the site visit 05-06 January 2019, ESC, SSC and ESO observed that the campsite is still under construction based on an approval drawing layout. It was about 95% done. There were no major concerning issues have been found at campsite. However, ESC encouraged contractor to follow the EMP and applied mitigation measures to mitigate all potential negative impacts to environment and project affected people. SSC, ESC, and ESO conducted public consultation to inform the local people especially business owners about the potential impacts during drainage construction periods. Most people reported happily and accepted short time disturbance from the project activities. Though they also suggested to speed up the construction activities and avoid

delaying activities over one week per location. Also, they suggested contractors to provide access road to make sure they, i.e business owners, still be able to do their business as usual.

NR7-CW2: From PK: 136+000 to 186+000

15. During the site visit 02 January 2019, ESC, SSC and ESO observed that there were no major concerning issues have been found at campsite. However, ESC encouraged contractor to follow the EMP and applied mitigation measures to mitigate all potential negative impacts to environment and project affected people. SSC, ESC, and ESO conducted public consultation to inform the local people especially business owners about the potential impacts during drainage construction periods. Most people reported happily and accepted short time disturbance from the project activities. Though they also suggested to speed up the construction activities and avoid delaying activities over one week per location. Also, they suggested contractors to provide access road to make sure they, i.e business owners, still be able to do their business as usual.

NR7-CW3: From PK: 186+000 to 243+000

16. During the site visit 03 January 2019, ESC, SSC and ESO observed that the campsite is still under construction based on an approval drawing layout. It was about 70% done. There were no major concerning issues have been found at campsite. However, ESC encouraged contractor to follow the EMP and applied mitigation measures to mitigate all potential negative impacts to environment and project affected people. SSC, ESC, and ESO conducted public consultation to inform the local people especially business owners about the potential impacts during drainage construction periods. Most people reported happily and accepted short time disturbance from the project activities. Though they also suggested to speed up the construction activities and avoid delaying activities over one week per location. Also, they suggested contractors to provide access road to make sure they, i.e business owners, still be able to do their business as usual.

NR7-CW4: From PK:243+000 to 300+000

17. During the site visit 04 January 2019, ESC, SSC and ESO observed that there were no major concerning issues have been found at campsite. However, ESC encouraged contractor to follow the EMP and applied mitigation measures to mitigate all potential negative impacts to environment and project affected people. SSC, ESC, and ESO conducted public consultation to inform the local people especially business owners about the potential impacts during drainage construction periods. Most people reported happily and accepted short time disturbance from the project activities. Though they also suggested to speed up the construction activities and avoid delaying activities over one week per location. Also, they suggested contractors to provide access road to make sure they, i.e business owners, still be able to do their business as usual.

Table 1. Summary results of environmental safeguard monitoring in December 2018

No.	Environmental issues	Compliance Status			Safeguard Monitoring Activity/Suggestion/Comments	Remark
		Yes	No	Partial		
1	Campsite construction	√			<ul style="list-style-type: none"> - Campsite is not located in protected area or closed to any water sources and sensitive receptors. - Campsite is rented on a clear private land with lease agreement - Contractor has already provided supporting documents 	<ul style="list-style-type: none"> - NR3-CW-1: In progress (99% done) - NR7-CW-2: In progress (95% done) - NR7-CW-3: In progress (65% done). - NR-7-CW-4: Completed
2	Possible development of camp into permanent settlement	√			<ul style="list-style-type: none"> - Campsite was built with temporary materials and movable - Campsite can be restored to its original conditions if required by owner once construction works is completed or at the end of contract - In case of mobile campsite, it is recommended to contractor to clear, clean and restore the site to its original condition with no cost to owner 	<ul style="list-style-type: none"> - No complain from local community as well as labor force during the visit - ESC requested the worker to take care of their living environment with no hunting and fishing, no cutting tree, proper management of waste etc.
3	Location of quarry sites	√			<ul style="list-style-type: none"> - Existing quarry site - Existing quarry site is operated by private company and granted license from Ministry of Mine and Energy 	
4	Pollution caused by domestic sewage discharge	√			<ul style="list-style-type: none"> - Flash toilet is used with septic tank in engineer office and soak away sewerage system in labor campsite - Environmental safeguard checklist was delivered to contractor for the purpose of checking during work implementation and develop plan to mitigate if there are any environmental concerns 	
5	Pollution caused by solid waste disposal	√			<ul style="list-style-type: none"> - Most waste from kitchen is organic waste - Solid waste was properly collected in tanks and containers - Sufficient tanks or containers have been provided in the campsite to collect solid 	

					waste	
6	Possible excessive or uncontrolled of fuelwood	√			- Liquid Petroleum Gas (LPG) is now using for cooking at kitchen.	- No fuelwood is used for cooking
7	Equipment: Mobilization of equipment could have air and noise pollution impacts to nearby settlement	√			- Mobilization of equipment is in progress which is required to carefully control to avoid dust pollution especially in this windy season - Local authorities are informed about construction activity - Contractor keeps low speed when moving heavy vehicle/equipment during campsite construction	
8	Workforce: Hiring of outside workforce can have negative impact on health and social well-being of local people	√			- Contractors have hired labor force from local community with gender balance for campsite construction - Contractors are committed to use local labor force where the road traverses as much as possible in their construction activities	
9	Air and noise pollution for any nearby settlement	√			- Dust suppression measures (e.g. water spray vehicles, covering of material stockpiles, etc.) must be implemented during maintenance activities - Material loads shall be suitably covered and secured during transportation to prevent the scattering of soil, sand, materials or dust - Construction vehicles shall comply with speed limits and haul distance shall be minimized.	
10	Possible ground and water contamination by fuel and oil, grease, and fuel in yards	√			- There is no possibility of ground and water contamination by the projects	
11	Cutting down trees to use as fuelwood for heating bitumen	√			- Contractors are committed not to cut any tree to use as fuelwood for heating bitumen	

12	Noise, vibration and dust from basin could affect any nearby settlements or other environmentally sensitive area	√			- Contractors are committed to strictly control dust from basin not to affect nearby settlement or other environmentally sensitive areas such as hospital, school, etc.	
13	Erosion from earthworks can increase sedimentation in drains, waterways and irrigation ditches	√			- Contractors are committed to ensure no erosion and sedimentation in waterways.	
14	Possible pollution of waterways or groundwater by bituminous products or solvents used in resurfacing of pavement	√				
15	First aid kits	√			- First aid kits are provided to both engineering office and labor house	
16	Firefighting equipment	√			- Firefighting equipment are sufficiently provided and placed in a convenience and reachable place	
17	Wearing of protective clothing and safety gear and safety shoes			√	- Some workers are not using safety shoes and helmet during construction of campsite. It is suggested that all workers should wear Personal Protection Equipment (PPE) during working hours. - Contractors should provide PPE to all workers and advised them to properly use it during all construction activities	Workers and engineer did not wear safety boot and glove during the work
18	Dust during road construction			√	- Contractors used water spray truck 1-2 times/day to minimize the impacts, but it was enough.	- Contractors should use water spray truck 3-6 times/day to minimize the impacts
19	Effect on traffic and pedestrian safety			√	- Contractors used inadequate traffic control measure to limit disruption to traffic and	- Contractors used inadequate traffic control measure

					ensure safety of traffic	to limit disruption to traffic and ensure safety of traffic
20	Possible impact of road user safety			√	<ul style="list-style-type: none"> - Contractors used flagman for traffic management and traffic control - No reflection/light at night to alert driver about the construction areas 	<ul style="list-style-type: none"> - Contractor should use light and sufficient traffic sign/marker to alert driver especially at night
21	Disposal of excavated material from shoulder and drain and scarified materials			√	<ul style="list-style-type: none"> - Excavated material from shoulder was not disposal properly 	<ul style="list-style-type: none"> - The contractor should remove it immediately avoid road accidents before the completion of the work.
22	Drainage construction			√	<ul style="list-style-type: none"> - SSC, ESC, and ESO conducted public consultation to inform the local people especially business owners about the potential impacts during drainage construction periods. Most people reported happily and accepted short time disturbance from the project activities. 	<ul style="list-style-type: none"> - Contractors finished drainage construction activities within 3-7 days. Contractors are advised to finish the works within 1-3 days to minimize disturbance to the business shop owner and local people. - Contractor did not provide access road to pedestrians. Contractor should provide access road to pedestrians and local people especially at the construction location of V drain.

D. CONCLUSION

ESC, SSC, and ESO observed construction of campsite for CW1, CW2, and CW3 is still under construction except CW4. There were no major concerning issues that have been found at campsite during site visit. However, although, prior to drainage construction, SSC, ESC, and ESO in collaboration with MPWT counterparts and contractor conducted public consultation at each drainage construction sites in order to inform local people especially business owner about the

potential impacts during drainage construction periods, contractors are reported not to provide access road to pedestrians and house/shop owners. Contractor has been requested to provide access road to pedestrians and house/shop owners following the EMP and CEMP.

NR3-CW-1: Photos



Flagmen, 06 January 2019



Base overlay activities, 06 January 2019



Public consultation, 05 January 2019



Consultation with contractor's engineer, 05 January 2019



Consultation with contractor's engineer, 05 January 2019

NR7-CW-2: Photos



Consultation with shop owner, 02 January 2019



Public consultation, 02 January 2019



Safety sign, 02 January 2019



Access road, 02 January 2019



NR7-CW3: Photos



Public consultation at PK200, CW3, 03 January 2019



Public consultation from PK164-PK166, CW3, 03 January 2019



Consultation with contractor's engineer, 03 January 2019



Access road to shop owner, 03 January 2019

NR7-CW-4: Photos



Vegetable garden, 04 January 2019



AC overlay, 04 January 2019



Consultation with contractor's engineer, 04 January 2019



Casting concrete for wing wall of U-shape side drain, 04 January 2019



Drainage construction, 04 January 2019

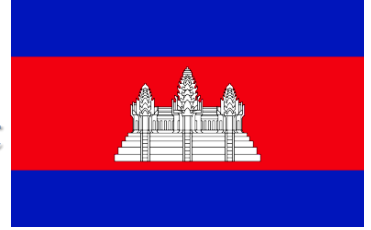


Drainage construction, 04 January 2019

Annex 3: Community Based Road Safety Report



Royal Government of Cambodia
Ministry of Public Works and Transport



Road Asset Management Project II (RAMP-II)
World Bank (IDA Credit No.5789-KH)

Community Based Road Safety Program

MONTHLY REPORT FOR DECEMBER 2018

Submitted by



Community Development of Humanitarian Association
(CDOH)
December 2018

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I. Introduction

1. Rational

The Royal Government of Cambodia (RGC) through the Ministry of Public Works and Transport (MPWT) has received loan from the World Bank (IDA Credit No. 5789-KH) for Road Asset Management Project II (RAMP-II) and has appointed CDOH (Community Development of Humanitarian Association) to undertake the project for Community Based Road Safety Program that will spend over the period of 12 months. The contract between MPWT and CDOH was signed on 1 March 2018 and thereafter on the 2 April 2018, CDOH CBRSP team have mobilized team to commence the work on both targeted roads NR3 & NR7.

The program has been developed to raise awareness and in increasing level of understanding on road safety, and reduce traffic accidents in communities along targeted road projects.

2. Objectives

The objective of the Community-based Road Safety Campaign (CRSC) is to ensure the road improvement in the project area, provide a long-term safe environment for road users and local inhabitants and to contribute strongly to the overall reduction of road accidents elsewhere in Cambodia. The main two objectives are as follows:

- To prepare the Community-based Road Safety Program (CRSP) and to implement it within the period of 12 months, intermittently, in the project areas.
- To provide a technical audit the road furniture designs prepared by the Detail Design Consultants (DDC).

3. Areas of responsibility

After approval from CDOH Community Based Road Safety Program (CBRSP) will cover NR 3 (PK147+100– PK201+300) and NR7 (PK136+000-PK300+000), In this regard, the program will target towards the **102** villages, **25** communes/Sangkat, **63** Schools. The targeted areas are identified and selected from the commune/Sangkat along NR 3 and NR 7 as follows:

Table (1): Number of Villages, Communes and Population Along NR3

No.	District/Municipality	Commune	Village	Household	Total Population	Female	Male
Kampot province							
1	Kampot Municipality	Andoung Khmer	Tvikhang Cheong	650	2914	1466	1448
2			Tvikhang Tboundg	660	2990	1574	1416
3			Andoung Khmer	364	1798	911	887
4			Ta Dep	450	1926	1016	910
5	Toek Chhou District	Boeng Touk	Tortoeng Thngay	432	1507	776	731
6			Kep Thmey	542	2281	1176	1105
7			Roluos	413	1821	935	886
8		Koh Touch	Kilo Dorbpey	678	3102	1629	1473
9			Prey Chek	158	720	342	378
10			Kandal	214	1065	502	563
11			Prek Ampil	464	2289	1140	1149
12		Prek Thnauth	Chang Haun	352	1925	940	985
13			Prek Thnauth	347	1760	865	895
14			Prek Kreng	390	1860	906	954
15			Tra Paingropao	822	4361	2255	2106
Preah Sihanouk Province							
16	Prey Nop District	Toek Thlar	Prek Prosh	417	1940	946	994
17			Prek Sangke	282	1167	569	598
18			Prek Torl	239	1099	563	536
19			Kampong Chin	239	1203	599	604
20		Toek Laak	Tuol	374	1521	744	777
21			Prek Paav	181	766	430	336
22		Sam Maki	Ta Aungthom	247	550	286	264
23			Boeng Raing	527	1763	634	1129
24		Sangkat Veal Rinh	Boeng Veng	940	5225	2617	2608
25			Veal Meas	693	3561	1771	1790
Total				11075	51114	25592	25522

Table (2): Number of Villages, Communes and Population along NR7

No.	District/Municipality	Commune/ Sangkat	Village	Household	Total Population	Female	Male
Tboung Khmum province							
1	Tboung Khmum	Chob	Chob Krau	294	1,318	639	679
2			Chrak Chambak	379	1,941	986	955
3			Veal Kandieng	333	1,439	711	728
4			Slab Kdaong	1043	4,814	2,519	2,295
5		Moung Riev	Cheung Khal	287	1252	645	607
6			Poun	275	766	400	366
7		Suong	Suong Lech	297	5,733	2,966	2,767
8			Suong Koet	880	3,058	1,611	1,447
9			Cheung Lang	411	1,837	927	910
10			Chrey Bet Meas	417	1,828	966	862
11			Ponnareay	403	1,678	824	854
12		Anchem	Damakchar	255	966	480	486
13		Sralab	Veal Khnach	215	865	435	430
14			Trapeang Kur	231	1,149	590	559
15			Khnar	119	612	308	304
16			Pratheath	220	829	402	427
17			Dang Kambet	295	1,132	565	567
18	Ponhea Kraek	Kandaol Chrum	Bat Tonlea	332	1189	603	586
19			Sbaek Kueu	287	939	501	438
20			Psar Kandol Chrum	197	749	388	361
21			Tuol Pou	239	945	524	421
22		Kaong Kang	La	467	1105	870	235
23			Porsrok	368	1087	727	360
24			Kandaol Kaong	129	497	283	214
25			Stueng	204	656	416	240
26			Pou ROUNG Leu	207	528	432	96
27			Pou ROUNG Lech	178	554	392	162
28		Kraek	Huoch Lech	147	604	243	361
29			Huoch Kaeut	250	1049	525	524
30			Kraek Tboung	564	2549	1366	1183
31			Kraek Cheung	309	1255	648	607
32			Chi Peang	562	2046	1033	1013
33			Tuol Angkrong	212	870	435	435
34			Andoung Chey	201	885	432	453
35			Peuk	558	2123	1067	1056
36			Chimoan Cheung	281	1100	563	537
37			Traset	400	1633	880	753
38			Apuk	420	1493	776	717
39			Laak	269	982	494	488
40			Saam	694	2688	1351	1337
41		Dar	Prampir Meakkakra	218	1024	531	493
42			Beng	137	606	312	294
43			Dar Phsar	311	1450	771	679

44	Memot	Dar	Dar Kandal	511	554	287	267
45			Chamkar Kor	114	554	287	267
46			Samraong Cheung	169	946	440	506
47		Memot	Chi Peh	248	995		433
48			Sangkom Mean Chey Thmei	188	714	375	339
49			Sangkom Mean Chey	250	1406	733	673
50			Memot Phsar	667	3050	1547	1503
51			Tboung Voat	373	1881	933	948
52			Memot Kandal	249	1072	593	479
53			Masin Tuek	141	577	309	268
54		Tramung	Choam Triek	341	1519	768	751
55			Roung Chakr Skar	113	555	282	273
56			Doung Ti Muoy	96	519	283	236
57			Doung Ti Pir	458	2451	1190	1261
58			Khong Krapeu Lech	237	876	439	437
59			Khong Krapeu Kaeut	65	249	121	128
60		Tonlung	Pong Tuek	343	1638	851	787
61			Kdol Phsar	318	1522	780	742
62			Sla Kilo	61	289	150	139
63			Kdol Kraom	250	837	486	351
64			Kaoh Thma	246	1226	662	564
65			Spean Changkum	232	581	268	313
66		Choam Kravien	Khcheay	141	627	323	304
Kratie province							
67	Snuol	Srae Char	Mean Chey	1135	5561	2903	2658
68			Kbal Trach	321	1818	892	926
69		Snuol	Kbal Snuol	4532	4532	2378	2154
70			Thpong	1504	1504	746	758
71			Kat Dai	1677	1677	879	798
72			Preaek Kdei	1934	1934	997	937
73		Khsuem	Khsuem Krau	614	2752	1389	1363
74			Samrang	324	1483	755	728
75			Srae Roneam	563	2922	1448	1474
76		Svay Chreah	Thnal	1065	4659	2323	2336
77			Sambuor	820	3219	1584	1635
Total				34795	118522	60938	57022

Table (3): Number of Schools Along NR3

No.	Name of School
Office of Education, Youth and Sport, Kampot Municipality, Kampot Province	
1	Hun Sen Muoy Makara Primary School
2	Hun Sen Wat Kampot Primary School
Office of Education, Youth and Sport, Toek Chhou District, Kampot Province	
3	Raksmey Khemarak Primary School
4	Koh Touch Primary School
5	Rolous Primary School
6	Boeung Touk Primary School
7	Tortoeng Thngay Primary School
8	Tra Paingropao Primary School
9	Prek Thnauth Primary School
10	Chang Haun Primary School
11	Kdat Primary School
12	Rolous Secondary School
13	Kdat Secondary School
14	Tra Paingropao Secondary School
15	Hun Sen Prek Thnauth High School
Office of Education, Youth and Sport, Prey Nop District, Preah Sihanouk Province	
16	Tuol Keo Primary School
17	Samaki Primary School
18	Kampong Chen Primary School
19	Prek Torl Primary School
20	Prek Sangke Primary School
21	Prek Prosh Primary School
22	Samaki Secondary School
23	Tuol Keo Secondary School
24	Prek Sangke Secondary School

Table (4): Number of Schools Along NR7

No.	Name of School
Office of Education, Youth and Sport, Tboung Khmum, Tboung Khmum Province	
1	Chob Primary School
2	Sor Kheng Khnar Primary School
3	Damnak Char Primary School
4	Hun Sen Khnar High School
Office of Education, Youth and Sport, Suong Municipality, Tboung Khmum Province	
3	Ponnareay Primary School
4	Samdech Dekchor Hun Sen High School
Office of Education, Youth and Sport, Ponhea Kraek District, Tboung Khmum Province	
5	Stueng Primary School
6	Huoch Primary School
7	Kraek Primary School
8	Chi Peang Primary School
9	Hun Sen Apuk Primary School
10	Saam Primary School
11	Kandaol Chrum Chea Sim (Primary, Secondary and High School)
12	Hun Sen Ponhea Kraek High School
13	Kraek High School
Office of Education, Youth and Sport, Memot District, Tboung Khmum Province	
14	Sangkom Sen Chey Primary School
15	Bun Rany Hun Sen Memot Primary School
16	Bun Rany Hun Sen Prampir Meakkakra Primary School
17	Dar Primary School
18	Knong Krapeu Primary School
19	Khcheay Primary School
20	Memot High and Secondary School
21	Bun Rany Dar High School
Office of Education, Youth and Sport, Snuol District, Kratie Province	
22	Sambuor Sen Chey Primary School
23	Thnal Primary School
24	Bot Sokrom Primary School
25	Srae Roneam Primary School
26	Samrang Primary School
27	Khsuem Krau Primary School
28	Preaek Kdei Primary School
29	Phaark Primary School

30	Thpong Primary School
31	Chamkar Kao Sou Pir Thnou Primary School
32	Kbal Trach Primary School
33	Meanchey Primary School
34	Hun Sen Snuol High School
35	Phaark Secondary School
36	Svay Chreah Secondary School
37	Chamkar Kao Sou Secondary School
38	Khsuem Secondary School
39	Kbal Trach Secondary School

4. Objective of this report

This monthly report is to describe the activities which have been done such as conducting the road safety audit along NR 7 and NR 3, conducting the training workshop for Community Based Road Safety Networks (CBRSNs) and awareness raising on road safety in the community.

II. Activities Achieved

1. Conduct the Road Safety Audit (RSA)




The RSA was conducted on NR3 & NR7 throughout the full length between portions of NR3 PK147-PK 201+400-package CW1 and NR7 PK 136-PK300 -packages CW2, CW3 and CW4 for different contractors. The report highlighted some of the problems that occurred in these sections, and there are similar problems repeatedly occurred throughout the full length of the projects NR3 and NR7. The focus of the RSA was to identify opportunities for safety improvements during construction activities and in work zone areas.




Throughout the study, the RSA Team had identified several risk factors that may impact traffic safety on the projects, including exposure, probability, and consequence. The report also suggested some solutions, if not all, to those problems, and in the most economical way possible. This RSA covers over December 2018 period.




Summary of RSA on the existing road NR3 & NR7 over full length

There are some progress of the works on road rehabilitation and improvement particularly at CW4 on NR7 where contractor has overlaid significant length of road pavement with AC and base course materials and marked lanes on newly overlaid AC pavement which have reduced some concerns related to road safety such as potholes, roughness and road marking, meanwhile CW3 contractor has also started trial overlay AC on a short section and work on side drain is also progressing. On the contrary CW2 has been working on side drain so far and no work on road pavement yet. On NR3, work on CW1 has also seen some progress on the base course and A/C overlay, the CW1 contractor has yet to start lane marking on the newly paved AC. Some road safety measures during construction have also been implemented and improved even though it hasn't reach the level of expectation and the norm that MPWT has in place, thanks to the intervention action of the ISWS leadership and KCI. Both contractors should seize this dry season opportunity to expedite their work while maintaining acceptable level of traffic management on their respective work areas and quality of their works. Overall, contractors must try as much as possible to comply with the service level as laid out in the specification Clause 2.3

The following illustrates issues of concern on NR3 & 7 on road safety and recommendations for improvement:

Location	Traffic Management at NR3	Suggestions
NR3 PK-161		CW1 shown better level of traffic management with improvised warning signs but could be improved with proper aluminum plate sign with reflectorized paint or sticker that will reflect well day and night with proper supported legs for temporary construction warning sign (W2-01) and arrow sign (W2-08) placed in front and behind work zone 50m away from flag man.
NR3 PK-161	Closing lane for AC overlay	
		Contractor had used sticker tape to stick on piece of wooden board and placed them directly on the pavement. While this may do some tricks but it still doesn't show proper way of warning traffic. Traffic warning signs shall be placed at certain height so motorist can see from a distance and therefore making good decision when to slow down and stop.
NR3 PK-161	Prime coat stick to newly paved AC.	
		Prime coat carried over by traffic wheels stick to the newly paved AC and built up rumble spots causing rumbling when traffic running on it. Contractor must clean these built up spots and make good newly paved AC. To prevent this from happening contractor must broadcast granular sand to prevent it from being sticky and so it won't stick to traffic wheel when temporary opening to traffic before overlay AC. Or Apply prime coat immediately before overlay AC which ever method suit best.

Location	Worker fixing rebar for manhole casting in-situ	Suggestions
NR7 PK-205		Worker fixing rebar for casting in-situ manhole w/o wearing safety vest and hard hat. Contractor must provide these safety gears to workers so that they can be visible to traffic while working on road side and with structure they must wear hard hat.
NR7 PK-191	Base course overlay	
		All workers including machine operators must wear protective gears at all time during work on the road. If work with hot AC overlay, workers must also wear heat resistant boots.
NR7 PK-191	Base course overlay	
		There wasn't any traffic warning sign neither seen nor cordoned off the center line during overlay of base course but only a few wooden poles. Contractor must provide proper traffic management and control at the work area.
Location	Side drain works	Suggestions

NR7 PK-205		All workers including machine operators must wear protective gears at all time during work on the road.
NR7 PK-189	Inspected base course overlay and prime coating.	
		There are some rutting /settlements on the newly overlaid base course layer that had been sprayed with prime coat and ready to receive AC overlay which raise question of the quality of work by CW3 contractor??
NR7 CW4	Field visit by WB/MPWT/KCI on newly paved AC and road marking.	NR3 RSA with KCI RE.
		

2. Conduct the Training Workshops for Community Based Road Safety Networks

There were 2 courses of 3-day Training Workshop for Community Based Road Safety Networks (CBRSNs) from schools and communities which are conducted based on Training Need Assessment (TNA). The participants participated in the training workshops including the village and commune council members, school teachers/principles and community representatives. They are from (1) Memot Commune, Memot district, Tboung Khmum province (2) Toek Thlar and Toek Laak communes , Prey Nop district, Kampot province.

The main topics consist as follows:

- Overview of Village-Commune Safety Policy
- Summary Report on Cambodia Road Traffic Accident and Victim Information System.
- Traffic Signs
- Overview of Law on Road Traffic
- 10-Points for Road Safety
 1. Wearing the Safety Helmet and Safety Belt
 2. Drunk driving
 3. Over speeding
 4. Wave or over flight in the serious situation
 5. Consequences of Overloading
 6. Priority to Rights Rules
 7. Calling on a phone while driving
 8. Vehicle inspection and equipment
 9. Right Driving License
 10. Reflective Materials for the Vehicle
- Cycling Safety
- Pedestrian Safety

Objectives of the training workshops are (1) to build the capacity for establishment of Community Based Road Safety Networks (CBRSNs) and (2) to mobilize them for awareness raising activities on road safety in schools and communities in target areas along NR 7 and NR 3.

The following indicates the date, number of participants and venue of the training workshop:

No.	Date	Venue	Participants		
			Total	Female	Male
1	18-20 Dec 2018	Memot District Meeting Hall	36	11	25
2	25-27 Dec 2018	Tuol Keo Primary School	35	5	30
Grand Total			71	16	55

Please see attached annex 1-3 Pictures of Participants in Training Workshops and Annex 4-6 List of Attendance for Training Workshops.

After training workshops completed, they were expected to play a vital role as CBRSNs in awareness and behavior change communication (BCC) activities for road safety to the school students and community people and undertake the awareness activities to disseminate key message on road safety to schools and communities. Road Safety team will keep in touch and build the relationship with CBRSNs to conduct the awareness raising at schools and communities. Pre-test and post-test was conducted before and after training to measure the knowledge of participants on main topics of road safety as mentioned above. Pre-test was measured with 5 levels (20 % per level); it illustrated that **participants' knowledge ranges 20% to 40% (level 1 to level 2) under average level**. After training workshops completed, their **knowledge increased from 60% to 80% (level 3 to level 4)**.

3. Conduct the awareness on road safety issues in the community

After Community Based Road Safety Network (CBRSN) members were trained and under the guidance from CDOH Team Road Safety, they mobilized the community people to attend the awareness raising on road safety in their community. 11 Group Discussions (GDs) were conducted with 333 community people (185 females) in Tboung Khmum and Kampot provinces as following details:

No.	Date of Awareness	Name of village	# of time	Total Participants	Females
1	11 December 2018	Cheung Khal	1	31	18
2	12 December 2018	Ponnareay	1	30	21
3	12 December 2018	Ponnareay	1	29	22
4	13 December 2018	Chrey Betmeas	1	32	7
5	13 December 2018	Suong Koet	1	32	12
6	14 December 2018	Suong Lech	1	27	16
7	14 December 2018	Cheung Lan	1	30	13
8	21 December 2018	Chi Peh	1	30	19
9	21 December 2018	Chi Peh	1	34	23
10	28 December 2018	Prek Sangke	1	33	23
11	28 December 2018	Prek Sangke	1	25	11
Total			11	333	185

Please see Annex 7- Pictures of awareness on road safety in the community and Annex 8- List of attendance for awareness on road safety in the community.

4. Printing T-shirts

1,000 T-shirts were printed to distribute to Community Based Road Safety Networks, stakeholders and community people who involves in the program. **377** T-shirts were distributed as of December 2018. Therefore, remaining T-shirts are only **623** T-shirts.

5. Printing IEC Materials (Posters and Leaflets)

To increase understanding on Road Safety for target groups NR 3 and NR 7, IEC material (Posters and Leaflets) on Road Safety were printed as follows:

- **5 types of posters with quantity of 10, 000** (1-Traffic Signs, 2-For Pedestrian, 3-Priority at Intersection, 4-Car Parking, 5-Wearing Helmets for Protecting Your Life).



- **5 types of leaflets with quantity of 50,000** (1-Probability Signs, 2-Priority Signs, 3-Car Parking, 4-Ten Driving Morals and 5-Abide by the Traffic Law for Protecting Your Life and Family).



There were **500 posters** were distributed for Community-Based Road Safety Program (CBRSP) as of December 2018. Therefore, remaining balance of posters is **9500**. There were **1,000 leaflets** were distributed Community-Based Road Safety Program (CBRSP) as of December 2018. Therefore, remaining balance of leaflets is **49,000**.

III. Work Plan for Next Month

- Continue Road Safety Audit (RSA) along NR 7 and NR 3.
- Conduct training workshops for Community Based Road Safety Networks (CBRSNs).
- Conduct the awareness on road safety issues in the community/schools.
- Prepare the monthly report for January 2019.

Annex 1: Pictures of Training Workshop for CBRSNs from Memot Communes, Memot district, Tboung Khmum province.





Participants in the Training Workshop Together at Memot District Meeting Hall


Annex 2: Pictures of Training Workshop for CBRSNs from Toek Thlar and Toek Laak communes, Prey Nob district, Kampot province





Participants in the Training Workshop Together at Tuol Keo Primary School

Annex 3: List of Attendance for Training Workshop for CBRSNs from Memot commune, Memot district, Tboung Khmum province.



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌
Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ទី ២ (Road Asset Management Project (RAMP II))
កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

**វគ្គបណ្តុះបណ្តាលស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោក
សម្រាប់មណ្ឌលសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍**

កាលបរិច្ឆេទ: ១៩.១០.២០១៩
ទីកន្លែង: ភ្នំពេញ

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តំណែង Position	ឈ្មោះស្ថាប័ន Name of Institution	លេខទូរស័ព្ទ Phone Number	ហត្ថលេខាថ្ងៃទី១ Signature	ហត្ថលេខាថ្ងៃទី២ Signature	ហត្ថលេខាថ្ងៃទី៣ Signature
1	ស៊ីវិន សុផ្លែ	ស្រី	គ្រូបង្រៀន	បឋម ចេចស	092 257044	[Signature]	[Signature]	[Signature]
2	កែវ ប៊ុនស៊ី	ស្រី	—	—	019 273416	[Signature]	[Signature]	[Signature]
3	ស៊ី ហ៊ុនធីត	ប្រុស	សាធារណៈ	—	0883633630	[Signature]	[Signature]	[Signature]
4	ឆោ សុភក្តិ	ស្រី	គ្រូបង្រៀន	វិ.បសហស បេស	0887842343	[Signature]	[Signature]	[Signature]
5	ស៊ី ម៉ៅស៊ី	ស្រី	គ្រូបង្រៀន	បឋម ចេចស	0977661324	[Signature]	[Signature]	[Signature]
6	ស៊ី ម៉ៅស៊ី	ស្រី	មេធាវី	ក្រុមហ៊ុន	0885599478	[Signature]	[Signature]	[Signature]
7	ស៊ី ណាវ៉ាន	ស្រី	សហគមន៍	បឋម ចេចស	0887460337	[Signature]	[Signature]	[Signature]

8	විම ටැක් ටා	පාල	වෙදනුදුරු	කුමරු වෙද	0886060168	—/—	—/—	—/—
9	වෙදනුදුරු	පාල	වෙදනුදුරු	වෙදනුදුරු	0972666581	—/—	—/—	—/—
10	විම ටැක් ටා	පාල	වෙදනුදුරු	කුමරු වෙද	0978008385	Henry	Henry	Henry
11	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0976667264	Biochem	Biochem	Biochem
12	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0714044027	—/—	—/—	—/—
13	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0972295720	—/—	—/—	—/—
14	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0312844444	—/—	—/—	—/—
15	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0977871436	—/—	—/—	—/—
16	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	012381965	—/—	—/—	—/—
17	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	—/—	—/—	—/—	—/—
18	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0973463164	—/—	—/—	—/—
19	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0975890105	—/—	—/—	—/—
20	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	017909917	—/—	—/—	—/—
21	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	092260953	—/—	—/—	—/—
22	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0064793550	—/—	—/—	—/—
23	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	012798045	—/—	—/—	—/—
24	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	012663572	—/—	—/—	—/—
25	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0972727743	—/—	—/—	—/—
26	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0979476375	—/—	—/—	—/—
27	වෙදනුදුරු	පාල	වෙදනුදුරු	කුමරු වෙද	0978650487	—/—	—/—	—/—

28	ក្រុម គា	ឱកា	គ្រូបង្រៀន	បរិច្ឆេទបញ្ជូន	012446320			
29	គ្រូបង្រៀន	គ្រូបង្រៀន	គ្រូបង្រៀន	បរិច្ឆេទបញ្ជូន	0979431312	Sophl.	Sophl.	Sophl.
30	សហគមន៍	សហគមន៍	សហគមន៍	បរិច្ឆេទបញ្ជូន	012480511			
31	សហគមន៍	សហគមន៍	សហគមន៍	បរិច្ឆេទបញ្ជូន	0966252118	Chen	Chen	Chen
32	សហគមន៍	សហគមន៍	សហគមន៍	បរិច្ឆេទបញ្ជូន	019954520	Lee	Lee	Lee
33	សហគមន៍	សហគមន៍	សហគមន៍	បរិច្ឆេទបញ្ជូន	0974881186			
34	សហគមន៍	សហគមន៍	សហគមន៍	បរិច្ឆេទបញ្ជូន	0978473052			
35	សហគមន៍	សហគមន៍	សហគមន៍	បរិច្ឆេទបញ្ជូន	0974991398			
36	សហគមន៍	សហគមន៍	សហគមន៍	បរិច្ឆេទបញ្ជូន	081983402			


រៀបចំដោយ:

Prepared by:

SOK SORHA

Road Program Assistant

Annex 4: List of Attendance of Training Workshop for CBRNs from Toek Thlar and Toek Laak communes, Prey Nob district, Kampot province



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌
Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ទី ២ (Road Asset Management Project (RAMP II))

កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

**វគ្គបណ្តុះបណ្តាលស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោក
សម្រាប់បណ្តាញសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍**

កាលបរិច្ឆេទ: ២៥...១៧... ធ្នូ... ២០១៨

ទីកន្លែង: ព្រំប្រទល់សង្កាត់ ទួលខែក

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តំណែង Position	ឈ្មោះស្ថាប័ន Name of Institution	លេខទូរស័ព្ទ Phone Number	ហត្ថលេខាថ្ងៃទី១ Signature	ហត្ថលេខាថ្ងៃទី២ Signature	ហត្ថលេខាថ្ងៃទី៣ Signature
1	ក្រុង ស៊ីង	ប.	នាយករង	ស.វ. ទួលខែក	086401712			
2	ឡុង ហេតិ	ប	បច្ចេកជន	ស.វ. វិចិត្រសារី	016330471			
3	សោម ហ៊ុយ	ស	បណ្ឌិតរដ្ឋ	ប.ប. វិទ្យាសាស្ត្រ	093865536			
4	ស្រី ឌី	ស	នាយិកា	ស.វ. វិចិត្រសារី	0967200801			
5	ស្រី ឌី	ប	បច្ចេកជន	---	093635957			
6	សាវ ឈារ៉ា	ប	បច្ចេកជន	ស.វ. វិចិត្រសារី	0963516096			
7	ស្រី ឌី	ប	បច្ចេកជន	ស.វ. វិចិត្រសារី	0103914086			

8	ජී.පී. කුමාර	ප	කැමරා	පැවැත්වීමේ	015617166	Sun	Sun	Sun
9	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	015248271	කැමරා	කැමරා	කැමරා
10	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	016400494	කැමරා	කැමරා	කැමරා
11	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	087757374	කැමරා	කැමරා	කැමරා
12	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	086301512	කැමරා	කැමරා	කැමරා
13	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	081756652	කැමරා	කැමරා	කැමරා
14	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	09221156	කැමරා	කැමරා	කැමරා
15	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	070471570	කැමරා	කැමරා	කැමරා
16	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	096962515	කැමරා	කැමරා	කැමරා
17	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	01663053	කැමරා	කැමරා	කැමරා
18	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	097495296	කැමරා	කැමරා	කැමරා
19	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	0969262924	කැමරා	කැමරා	කැමරා
20	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	093666850	කැමරා	කැමරා	කැමරා
21	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	0969262924	කැමරා	කැමරා	කැමරා
22	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	093659148	කැමරා	කැමරා	කැමරා
23	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	092967334	කැමරා	කැමරා	කැමරා
24	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	096909133	කැමරා	කැමරා	කැමරා
25	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	016422134	කැමරා	කැමරා	කැමරා
26	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	0969218877	කැමරා	කැමරා	කැමරා
27	කේ.කේ. කුමාර	ප	කැමරා	පැවැත්වීමේ	0964131152	කැමරා	කැමරා	කැමරා

28	ជំ. ឌុំ	ប	ប្រាក់សម្រាប់	ទីស្រុកប្រាសាទ	097.6060545	Gent-	Camy-	Camy-
29	វ៉. ឌុំ	ប	ប្រាក់សម្រាប់	ទីស្រុកប្រាសាទ	012.321145	Thut	Thut	Thut
30	ស្រី ឌុំ	ប	ស្រីស្រីស្រីស្រី	កំពង់ចាម	016.236625	Gray	Gray	Gray
31	ស្រី - ស្រី	ប.	ស្រី - ស្រី	កំពង់ចាម	015372034	Sok	Sok	Sok
32	ស្រី - ស្រី	ប	ស្រី - ស្រី	កំពង់ចាម	015531933	Thut	Thut	Thut
33	ស្រី - ស្រី	ប	ស្រី - ស្រី	កំពង់ចាម	093900898	Thut	Thut	Thut
34	ស្រី - ស្រី	ប	ស្រី - ស្រី	កំពង់ចាម	010274323	Thut	Thut	Thut
35	ស្រី - ស្រី	ប	ស្រី - ស្រី	កំពង់ចាម		Thut	Thut	Thut

រៀបចំដោយ:

Prepared by:

Sok Sokha
SOK SOKHA
Road Program Assistant

Annex 5- Pictures of awareness on road safety in the community



Awareness Raising on Road Safety in Cheung Khal village, MOUNG RIEV commune, Tboung Khmum province.



Awareness Raising on Road Safety in Ponnareay village, Sangkat Suong, Tboung Khmum province.



Awareness Raising on Road Safety in Chrey Betmeas village, Sangkat Suong, Tboung Khmum province.



Awareness Raising on Road Safety in Suong Koet village, Sangkat Suong, Tboung Khmum province.



Awareness Raising on Road Safety in Suong Lech village, Sangkat Suong, Tboung Khmum province.



Awareness Raising on Road Safety in Cheung Lan village, Sangkat Suong, Tboung Khmum province.




Awareness Raising on Road Safety in Chi Peh village, Memot commune , Tboung Khmum province.



Awareness Raising on Road Safety in Prek Sangke village, Toek Thlar commune ,
Kampot province.

Annex 6- List of attendance for awareness on road safety in the community



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌
Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ ២ (Road Asset Management Project (RAMP II))

កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

ការផ្សព្វផ្សាយស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍
(Awareness Raising on Road Safety in the Community)

កាលបរិច្ឆេទ ៖ ១១ ធ្នូ ២០១៨

ទីកន្លែង ៖ ភូមិ កំពង់ស្រឡៅ ឃុំ កំពង់ស្រឡៅ ស្រុក កំពង់ស្រឡៅ ខេត្ត កំពង់ស្រឡៅ

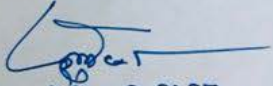
បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តួនាទី Position	លេខទូរស័ព្ទ Phone Number	កត់សំគាល់ Remark
1	ឡឹក សុខា	ប.	បេតិកភណ្ឌ	0972925518	
2	ស៊ីម ឈាន	ស.	ស.ប.	0887137784	
3	ស៊ីម សុខា	ស.	ប្រធាន		
4	ហ៊ុន សុខា	ប.	"		
5	សាវ សុខា	ស.	"		
6	វ៉ា. ឡឹក	ស.	"		
7	ស៊ីម សុខា	ស.	"		
8	ស៊ីម សុខា	ស.	"		
9	ស៊ីម សុខា	ស.	"		
10	ស៊ីម សុខា	ស.	"		
11	ស៊ីម សុខា	ស.	"		
12	ស៊ីម សុខា	ស.	"		
13	ស៊ីម សុខា	ស.	"		
14	ស៊ីម សុខា	ស.	"		
15	ស៊ីម សុខា	ស.	"		

16	ស្រូវ ដំណាំ	គ.	ប្រមូល		
17	ស្រូវ/ស្រូវ ថ្មី	គ.	០		
18	ស្រូវ/ស្រូវ ថ្មី	គ.	០		
19	ស្រូវ ថ្មី	គ.	០		
20	ស្រូវ ថ្មី	គ.	០		
21	ស្រូវ ថ្មី	គ.	០		
22	ស្រូវ ថ្មី	គ.	០		
23	ស្រូវ ថ្មី	គ.	០		
24	ស្រូវ ថ្មី	គ.	០		
25	ស្រូវ ថ្មី	គ.	០		
26	ស្រូវ ថ្មី	គ.	០		
27	ស្រូវ ថ្មី	គ.	០		
28	ស្រូវ ថ្មី	គ.	០		
29	ស្រូវ ថ្មី	គ.	០		
30	ស្រូវ ថ្មី	គ.	០		
31	ស្រូវ ថ្មី	គ.	០		
អ្នកចូលរួមសរុប : 31.....នាក់ ស្រី: 18.....នាក់ ប្រុស: 13.....នាក់					

តំណាងដោយ.....

Representative of:


 គូនាទី: បេក្ខជនបេក្ខជន

Position:

រៀបចំដោយ:

Prepared by:


 គូនាទី: SOK SOK HA

Position:

Read Program
 Assistant



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ទី ២ (Road Asset Management Project (RAMP II))

កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

ការផ្សព្វផ្សាយស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍
(Awareness Raising on Road Safety in the Community)

កាលបរិច្ឆេទ : ១២ ធ្នូ ២០១៨

ទីកន្លែង : ភូមិ ពោធិ៍សាត់ ឃុំ ព្រៃវែង ស្រុក ព្រៃវែង ខេត្ត ក្រចេះ

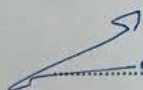
បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តួនាទី Position	លេខទូរស័ព្ទ Phone Number	កត់សំគាល់ Remark
1.	ឈុន សារី	ស្រី	ប្រធាន		
2.	សាវណ្ណ សេន	ស្រី	៣		
3.	សាវណ្ណ ច័ន្ទ	ស្រី	៣		
4.	ស៊ុន ឈាន	ស្រី	៣		
5.	កាណៈ វិជ្ជា	ប្រុស	៤		
6.	ស្រី វិជ្ជា	ស្រី	៣		
7.	ឃុន ឈុន	ប្រុស	៣		
8.	សាវណ្ណ វិជ្ជា	ប្រុស	៣		
9.	សាវណ្ណ វិជ្ជា	ប្រុស	៣		
10.	ស៊ុន ឈុន	ស្រី	៣		
11.	ឃុន វិជ្ជា	ប្រុស	៣		
12.	ស៊ុន ឃុន	ស្រី	៣		
13.	កាណៈ វិជ្ជា	ស្រី	៣		
14.	សាវណ្ណ វិជ្ជា	ស្រី	៣		
15.	ឈុន ឈុន	ស្រី	៣		

16	សាលាស្រី	ស	១		
17	ស្រី. ឆ្មារ	ស	១		
18	ស្រី. ឆ្មារ	ស	១		
19	ស្រី. ឆ្មារ	ស	១		
20	ស្រី. ឆ្មារ	ស	១		
21	ស្រី. ឆ្មារ	ស	១		
22	ស្រី. ឆ្មារ	ស	១		
23	ស្រី. ឆ្មារ	ស	១		
24	ស្រី. ឆ្មារ	ស	១		
25	ស្រី. ឆ្មារ	ស	១		
26	ស្រី. ឆ្មារ	ស	១		
27	ស្រី. ឆ្មារ	ស	១		
28	ស្រី. ឆ្មារ	ស	១		
29	ស្រី. ឆ្មារ	ស	១		
30	ស្រី. ឆ្មារ	ស	១		
អ្នកចូលរួមសរុប : 30 នាក់ ស្រី : 24 នាក់ ប្រុស : 6 នាក់					

តំណាងដោយ

Representative of:

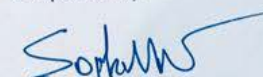
 គ. ឆ្មារ

តំណាងដោយ

Position:

រៀបចំដោយ:

Prepared by:


SOPHA

តំណាងដោយ

Position: Road Program Assistant



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ទី ២ (Road Asset Management Project (RAMP II))

កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

ការផ្សព្វផ្សាយស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍
(Awareness Raising on Road Safety in the Community)

កាលបរិច្ឆេទ ៖ ១២ ធ្នូ ២០១៨

ទីកន្លែង ៖ ភូមិ ព្រៃវែង ឃុំ ព្រៃវែង ស្រុក ព្រៃវែង ខេត្ត ក្រចេះ

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តួនាទី Position	លេខទូរស័ព្ទ Phone Number	កត់សំគាល់ Remark
1	ឈ្មោះ វ៉	ប	ម/ស		
2	ឈ្មោះ វ៉	ប	ម/ស		
3	ឈ្មោះ វ៉	ប	ម/ស		
4	ឈ្មោះ វ៉	ប	ម/ស		
5	ឈ្មោះ វ៉	ប	ម/ស		
6	ឈ្មោះ វ៉	ប	ម/ស		
7	ឈ្មោះ វ៉	ប	ម/ស		
8	ឈ្មោះ វ៉	ប	ម/ស		
9	ឈ្មោះ វ៉	ប	ម/ស		
10	ឈ្មោះ វ៉	ប	ម/ស		
11	ឈ្មោះ វ៉	ប	ម/ស		
12	ឈ្មោះ វ៉	ប	ម/ស		
13	ឈ្មោះ វ៉	ប	ម/ស		
14	ឈ្មោះ វ៉	ប	ម/ស		
15	ឈ្មោះ វ៉	ប	ម/ស		

16	ឧបករណ៍ ឡើង	គ	ប្រើប្រាស់		
17	ឧបករណ៍ បំបាត់	គ	ឃ		
18	ឧបករណ៍ បំបាត់	គ	ឃ		
19	ឧបករណ៍ បំបាត់	គ	ឃ		
20	ឧបករណ៍ បំបាត់	គ	ឃ		
21	ឧបករណ៍ បំបាត់	គ	ប្រើប្រាស់	08855410653	ទំនាក់
22	ឧបករណ៍ បំបាត់	គ	ប្រើប្រាស់		
23	ឧបករណ៍ បំបាត់	គ	-		
24	ឧបករណ៍ បំបាត់	គ	-		
25	ឧបករណ៍ បំបាត់	គ	-		
26	ឧបករណ៍ បំបាត់	គ	-		
27	ឧបករណ៍ បំបាត់	គ	-		
28	ឧបករណ៍ បំបាត់	គ	-		
29	ឧបករណ៍ បំបាត់	គ	ប្រើប្រាស់	0979986665	
អ្នកចូលរួមសរុប : 29 នាក់ ស្រី : 12 នាក់ ប្រុស : 7 នាក់					

តំណាង ហ៊ុន

Representative of:

ហ៊ុន ហ៊ុន

តួនាទី: អ្នកប្រឹក្សា

Position:

រៀបចំដោយ:

Prepared by:

Sok Sokha

តួនាទី:

Position: Road Program Assistant



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ទី ២ (Road Asset Management Project (RAMP II)

កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

ការផ្សព្វផ្សាយស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍
(Awareness Raising on Road Safety in the Community)

កាលបរិច្ឆេទ : 13 ធ្នូ 2018

ទីកន្លែង : ភូមិ ១៩ ឃុំ ១៩ ស្រុក ១៩ ខេត្ត ១៩

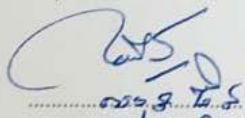
បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តួនាទី Position	លេខទូរស័ព្ទ Phone Number	កត់សម្គាល់ Remark
1.	លាង ជ័យ	ប	អគ្គនាយក	09970674	
2.	ទុំ វិជ័យ	ប	ប្រធាន		
3.	ហួត ហួត	ប	ប		
4.	គង់ ស៊ី	ស	ប		
5.	សេង ឡុង	ប	ប		
6.	សា សុវណ្ណា	ស	ប		
7.	ប៊ុន ហ៊ុន	ស	ប		
8.	ស្រី គុយ	ប	ប		
9.	រតន វណ្ណ	ស	ប		
10.	កុន ហ៊ុន	ប	ប		
11.	ហ៊ុន វណ្ណ	ប	ប		
12.	ឈន់ វណ្ណ	ប	ប		
13.	ឈន់ វណ្ណ	ប	ប		
14.	ឈន់ វណ្ណ	ស	ប		
15.	ឈន់ វណ្ណ	ប	ប		

16	បា សាថ	ប	ប ឆ ឆ		
17	ផ ឆ ឆ ឆ ឆ ឆ	ប	ប		
18	ឧ ឆ ឆ ឆ ឆ ឆ	ប	ប		
4	ឆ ឆ ឆ ឆ ឆ	ប	ប		
5	ឆ ឆ ឆ ឆ ឆ	ប	ប		
6	ឆ ឆ ឆ ឆ ឆ	ប	ប		
7	ឆ ឆ ឆ ឆ ឆ	ប	ប		
8	ឆ ឆ ឆ ឆ ឆ	ប	ប		
9	ឆ ឆ ឆ ឆ ឆ	ប	ប		
10	ឆ ឆ ឆ ឆ ឆ	ប	ប		
11	ឆ ឆ ឆ ឆ ឆ	ប	ប		
12	ឆ ឆ ឆ ឆ ឆ	ប	ប		
13	ឆ ឆ ឆ ឆ ឆ	ប	ប		
14	ឆ ឆ ឆ ឆ ឆ	ប	ប		
15	ឆ ឆ ឆ ឆ ឆ	ប	ប		
16	ឆ ឆ ឆ ឆ ឆ	ប	ប		
17	ឆ ឆ ឆ ឆ ឆ	ប	ប		
អ្នកចូលរួមសរុប : 32 ភ្នាក់ ស្រី : 7 ភ្នាក់ ប្រុស : 25 ភ្នាក់					

តំណាង ឆ. ឆ.

Representative of:

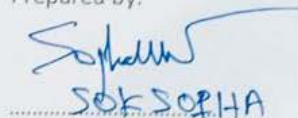


តំណាង ឆ. ឆ.

Position:

រៀបចំដោយ:

Prepared by:


SOK SOPHA

តំណាង:

Position: Road Program Assistant



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ទី ២ (Road Asset Management Project (RAMP II))

កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

ការផ្សព្វផ្សាយស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍
(Awareness Raising on Road Safety in the Community)

កាលបរិច្ឆេទ : ១២ ធ្នូ ២០១៨

ទីកន្លែង: ភូមិស្រែចម្ការ ឃុំស្រែចម្ការ ស្រុកស្រែចម្ការ ខេត្តស្រែចម្ការ


បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តំណែង Position	លេខទូរស័ព្ទ Phone Number	កត់សំគាល់ Remark
1	ឧបនាយករដ្ឋមន្ត្រី	ប	ប្រធាន	012221532	
2	លោក ឈន់	ប	- - -	0972403373	ឃ
3	ឯកឧត្តម ឈន់	ប	- - -	0979686055	ឃ
4	ប្រធាន	ប	- - -		
5	ប្រធាន	ប	- - -	011885370	
6	ប្រធាន	ប	- - -	0977315933	ឃ
7	ឯកឧត្តម ឈន់	ប	- - -	0978255948	ឃ
8	ឯកឧត្តម ឈន់	ប	- - -		ឃ
9	ប្រធាន	ប	- - -		ឃ
10	ប្រធាន	ប	- - -		ឃ
11	ឯកឧត្តម ឈន់	ប	- - -		
12	ប្រធាន	ប	- - -		
13	ឯកឧត្តម ឈន់	ប	- - -		
14	ឯកឧត្តម ឈន់	ប	- - -		
15	ឯកឧត្តម ឈន់	ប	- - -		

16	បង់ប្រាក់	ប	10000		10000
17	បង់ប្រាក់	ប	10000		
18	បង់ប្រាក់	ប	10000		
20	បង់ប្រាក់	ប	10000		
21	បង់ប្រាក់	ប	10000		
22	បង់ប្រាក់	ប	10000		
23	បង់ប្រាក់	ប	10000		
24	បង់ប្រាក់	ប	10000		
25	បង់ប្រាក់	ប	10000		
26	បង់ប្រាក់	ប	10000		
27	បង់ប្រាក់	ប	10000		
28	បង់ប្រាក់	ប	10000		
29	បង់ប្រាក់	ប	10000		
30	បង់ប្រាក់	ប	10000		
31	បង់ប្រាក់	ប	10000		
32	បង់ប្រាក់	ប	10000		
អ្នកចូលរួមសរុប : 22.....នាក់ ស្រី: 12.....នាក់ ប្រុស: 20.....នាក់					

តំណាងអង្គភាព:

Representative of:

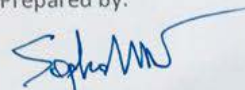

.....
Sok SOPHA

តំណាង: អគ្គនាយក

Position:

រៀបចំដោយ:

Prepared by:


.....
Sok SOPHA

តំណាង:

Position: Road Program Assistant



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ទី ២ (Road Asset Management Project (RAMP II))

កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

ការផ្សព្វផ្សាយស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍
(Awareness Raising on Road Safety in the Community)

កាលបរិច្ឆេទ : ១៤ ធ្នូ ២០១៨

ទីកន្លែង: ភូមិ...ស្រុក...ខេត្ត...
បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តំណែង Position	លេខទូរស័ព្ទ Phone Number	កត់សម្គាល់ Remark
1	លោក កុម្មារ	ប	ប្រធានក្រុម		
2	លោក ប៊ុន លីម	ប	អនុប្រធាន	012406445	
3	ប្រធាន លាង	ប	ប្រធាន		
4	លោក ហង់ ហង់	ប	—		
5	លោក ហង់	ប	—		
6	លោក ហង់	ប	—		
7	លោក ហង់	ប	—		
8	លោក ហង់	ប	—		
9	លោក ហង់	ប	—		
10	លោក ហង់	ប	—		
11	លោក ហង់	ប	—		
11	លោក ហង់	ប	—		
12	លោក ហង់	ប	—		
13	លោក ហង់	ប	—		
14	លោក ហង់	ប	—		

15.	បំណុល គីឡូម៉ា	ប	សិក្សា		
16	ផ្លូវ ថ្នល់	ឈ	(បង្ហាញ)		
17	ផ្លូវ ថ្នល់	ឈ	—		
18	ផ្លូវ ថ្នល់ បំណុល	ប	—		
19	ផ្លូវ ថ្នល់ បំណុល	ឈ	—		
20	ផ្លូវ ថ្នល់ បំណុល	ឈ	—		
21	ផ្លូវ ថ្នល់ បំណុល	ឈ	—		
22	ផ្លូវ ថ្នល់ បំណុល	ឈ	—		
23	ផ្លូវ ថ្នល់ បំណុល	ឈ	—		
24	ផ្លូវ ថ្នល់ បំណុល	ឈ	—		
25	ផ្លូវ ថ្នល់ បំណុល	ប	—		
26	ផ្លូវ ថ្នល់ បំណុល	ប	—		
27	ផ្លូវ ថ្នល់ បំណុល	ឈ	—		
អ្នកចូលរួមសរុប : ...27...នាក់ ស្រី...16...នាក់ ប្រុស...11...នាក់					

តំណាង...គូស...

Representative of:

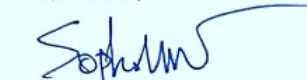
 **សុខ សុផា**

តួនាទី: ប្រធានគូស

Position:

រៀបចំដោយ:

Prepared by:


SOK SOPHA

តួនាទី:

Position: Road Program
Assistant



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ទី ២ (Road Asset Management Project (RAMP II)

កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

ការផ្សព្វផ្សាយស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍
Awareness Raising on Road Safety in the Community

កាលបរិច្ឆេទ: 14/12/2018

ទីកន្លែង: ភូមិ ជ្រៃត្រពាំង ឃុំ ស្នួល ប្រកាស ស្នួល ខេត្ត ក្រចេះ

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Sex	តួនាទី Position	លេខទូរស័ព្ទ Phone Number	កត់សំគាល់ Remarks
1	គុក សា ឈី	ប	ប្រធាន	095927477	
2	សុខ ហង់	ប	ឈ		
3	ពាក់ ផល	ប	ឈ		
4	ស៊ី ស៊ី	ប	ឈ	0889345558	
5	សា ឈី	ស	ឈ		
6	សុំ សាវណ្ណ	ស	ឈ		
7	ពាក់ សាវណ្ណ	ប	ឈ		
8	សុខ ឈី	ស	ឈ		
9	ហង់ ឈី	ប	ឈ		
10	សុខ ឈ	ស	ឈ		
11	សុំ សា	ស	ឈ		
12	សុំ សាវណ្ណ	ស	ឈ		
13	សុំ សុំ	ប	ឈ		
14	សុំ សុំ	ស	ឈ		
15	សុំ សុំ	ស	ឈ	089878795	

16	គ្រឿង បំប៉ន	គន	ប្រធាន		
17	ឈាម ឆ្អឹង	គន	"		
18	ឆ្អឹង បំប៉ន	ស	"		
19	កំប៉ុង ឈាម	ប	"		
20	កំប៉ុង ឆ្អឹង	ប	"		
21	ឈាម ឆ្អឹង	ប	"		
22	សំប៉ុង ឆ្អឹង	ប	"		
23	សំប៉ុង ឆ្អឹង	ប	"		
24	ឆ្អឹង ឆ្អឹង	ប	"		
25	ឆ្អឹង ឆ្អឹង	ប	"		
26	ឆ្អឹង ឆ្អឹង	ស	"		
27	ឆ្អឹង ឆ្អឹង	គន	"		
28	ឆ្អឹង ឆ្អឹង	ប	"		
29	ឆ្អឹង ឆ្អឹង	ស	"		
30	ឆ្អឹង ឆ្អឹង	ស	"		
អ្នកចូលរួមសរុប: ១០ នាក់ ស្រី: ១៣ នាក់ ប្រុស: ១៧ នាក់					

តំណាង ភូមិជិតជិត

Representative of:

..... ឆ្អឹង ឆ្អឹង

កូនាទី: បណ្តាញបច្ចេកទេស

Position:

រៀបចំដោយ:

Prepared by:

..... ឆ្អឹង ឆ្អឹង

កូនាទី:

Position: Road Program Assistant



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ទី ២ (Road Asset Management Project (RAMP II)

កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

ការផ្សព្វផ្សាយស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍
Awareness Raising on Road Safety in the Community

កាលបរិច្ឆេទ: ២១/... ឆ្នាំ ២០១៨

ទីកន្លែង: ភូមិ... ឃុំ... ស្រុក... ខេត្ត...

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Sex	តួនាទី Position	លេខទូរស័ព្ទ Phone Number	កត់សំគាល់ Remarks
1	ស្រី វ៉ែន	ល	...		
2	ស្រី វ៉ែន	ល	...		
3	ស្រី វ៉ែន	ល	...		
4	ស្រី វ៉ែន	ល	...		
5	ស្រី វ៉ែន	ល	...		
6	ស្រី វ៉ែន	ល	...		
7	ស្រី វ៉ែន	ល	...		
8	ស្រី វ៉ែន	ល	...		
9	ស្រី វ៉ែន	ល	...		
10	ស្រី វ៉ែន	ល	...		
11	ស្រី វ៉ែន	ល	...		
12	ស្រី វ៉ែន	ល	...		
13	ស្រី វ៉ែន	ល	...		
14	ស្រី វ៉ែន	ល	...		
15	ស្រី វ៉ែន	ល	...		

16	វ៉ា ឆេង	ស	៣៣៩៩		
17	ក្រុង ឈាង	ស	— — —		
18	ស៊ី ឈាង	ស	— — —		
19	ចេង ឆេង	ស	— — —		
20	ឈាង ឈាង	ស	— — —		
21	ស៊ី ឆេង	ស	— — —		
22	ឆេង ឆេង	ស	— — —		
23	ចេង ឆេង	ស	— — —		
24	ស៊ី ឆេង	ស	— — —		
25	ឆេង ឆេង	ស	— — —		
26	ស៊ី ឆេង	ស	— — —		
27	ឆេង ឆេង	ស	— — —	09799 499 1398	
28	ឆេង ឆេង	ស	— — —		
29	ឆេង ឆេង	ស	— — —		
30	ឆេង ឆេង	ស	— — —		
អ្នកចូលរួមសរុប: 30.....នាក់ ប្រុស: 19.....នាក់ ប្រុស: 11.....នាក់					

តំណាង គូប៊ីដេ:

Representative of:

.....
 ឆេង ឆេង

តួនាទី: គូប៊ីដេ

Position:

រៀបចំដោយ:

Prepared by:

.....
 Soksa HA

តួនាទី:

Position: Road Program Assistant



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

Community Development of Humanitarian Association (CDOH)

គម្រោងគ្រប់គ្រងសម្បត្តិផ្លូវថ្នល់ទី ២ (Road Asset Management Project (RAMP II))

កម្មវិធីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍ (Community Based Road Safety Program)

ការផ្សព្វផ្សាយស្តីពីសុវត្ថិភាពចរាចរណ៍ផ្លូវគោកនៅសហគមន៍
(Awareness Raising on Road Safety in the Community)

កាលបរិច្ឆេទ ៖ ២១ ធ្នូ ២០១៨

ទីកន្លែង ៖ ភូមិ រំលង ឃុំ លេងឆ្នំា ស្រុក លេងឆ្នំា ខេត្ត ត្បូងឃ្មុំ

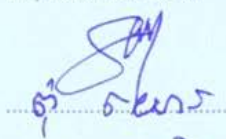
បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តួនាទី Position	លេខទូរស័ព្ទ Phone Number	កត់សំគាល់ Remark
1	វ៉ែន សារី	ស្រី	ពលរដ្ឋ		
2	លីន សារី	ស	---		
3	ឡិន សារី	ស	---		
4	ឡិន សារី	ស	---		
5	សារី សារី	ស	---		
6	សារី សារី	ស	---		
7	សារី សារី	ស	---		
8	សារី សារី	ស	---		
9	សារី សារី	ស	---		
10	សារី សារី	ស	---		
11	សារី សារី	ស	---		
12	សារី សារី	ស	---		
13	សារី សារី	ស	---		
14	សារី សារី	ស	---		
15	សារី សារី	ស	---		

16	ប៊ុន សំរោង	ស	ពលរដ្ឋ		
17	ស៊ុន មុន	ស	—		
18	កាត វិណ	ស	—		
20	ស៊ុន ច័ន្ទ	ស	—		
21	ស៊ុន ច័ន្ទ	ស	—		
22	ស៊ុន ច័ន្ទ	ស	—		
23	កាត វិណ	ស	—		
24	ស៊ុន ច័ន្ទ	ស	—		
25	កាត វិណ	ស	—		
26	ស៊ុន ច័ន្ទ	ស	—		
27	ស៊ុន ច័ន្ទ	ស	—		
28	ស៊ុន ច័ន្ទ	ស	—		
29	ស៊ុន ច័ន្ទ	ស	—		
30	ស៊ុន ច័ន្ទ	ស	—		
31	ស៊ុន ច័ន្ទ	ស	—		
32	ស៊ុន ច័ន្ទ	ស	—		
33	ស៊ុន ច័ន្ទ	ស	—		
34	ស៊ុន ច័ន្ទ	ស	—		
អ្នកចូលរួមសរុប: 34.....នាក់ ស្រី: 23.....នាក់ ប្រុស: 11.....នាក់					

តំណាងដោយ:

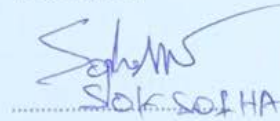
Representative of:



តួនាទី: ឧបករណ៍
Position: 012381965

រៀបចំដោយ:

Prepared by:



តួនាទី:
Position: Road Program Assistant

Annex 4: GBV's monthly report



**Partners for Development
in Action**

Monthly Report: November 2018

On

**Gender-Based Violence & Child Protection,
HIV/AIDS and Human Trafficking Prevention
Program**

**Submitted to Branch of Sichuan Road & Bridge (Group) Co., Ltd
For National Road No. 3 Improvement Project – (Kampot provincial town – Prey Nop)**

30 November 2018

I. INTRODUCTION

This report covers the period from 01 to 30 November 2018 of PfDA activities on Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention Program among road/bridge construction workers and surrounding community members in selected national road #3 construction from Kampot provincial town to Khum Veal Rinh, Khan Prey Nop, Sihanouk Ville Province.

II. ACTIVITIES AND ACHIEVEMENTS

Key Activities: *Provide education to community members and construction workers/supervisors on Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention; Inform them of the available service of STI and HIV/AIDS screening, diagnosis, counseling at the health facilities; Encourage/them to use the services at public health facilities*

Results: For this reporting period, PfDA conducted one education sessions on Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention for a total of 20 community members (15 female) in Trapaing Ropov village, Trapaing Thnoat commune, Teuk Chhou district, Kampot province .

The education session was conducted on 30 November 2018 from 2:00 pm to 3:00 pm with trainer from Trapaing Thnoat health center, Ms. Soth Seyla, with assistance from village

chief and PfDA staff. The participatory approach was used where the educators stressed on basic understanding of Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention with regard to reduction of family violence, measures to prevent human trafficking in the community, mode of transmission of STD and HIV/AIDS, the prevention measures, where to get the services and cost associated, and the importance of condom use.

The educators also informed participants about the services availability (counseling, testing, treatment of STD/HIV/AIDS) at the health center and referral hospital level and encouraged them to use the services at the health facilities. The session was followed by Quiz Show and provided prizes to those who answered the questions correctly. At the end of the session, IEC materials on STD and HIV/AIDS (36 leaflets) were distributed to participants. It was a cheerful education session.

Appendixes:

1. Photos of activities for November 2018
2. Schedule for December 2018
3. Attendance List



Education Activities, Trapaing Ropov village,
Kampot province, 30/11/2018

Appendix 1: Photos of Activities for November 2018



Appendix 2: Education Schedule: December 2018

Date	Time	Topic of Education	Venue and Location of Education				Contact Person/Facilitators
			Village	Commune	District	Province	
18/12/2018	8:00 – 8:45 AM	Gender Based Violence, child protection, HIV/AIDS and human trafficking prevention	Trapaing Tnoat	Trapaing Thnoat	Teuk Chhou	Kampot	Dr. Roeun Puch, PfDA Program Director Tel: 012- 945-522

Appendix 3: List of Attendance

អង្គការសកម្មភាពដៃគូសម្រាប់អភិវឌ្ឍន៍
Partners for Development in Action (PfDA)

បញ្ជីរាយនាមកម្មករនិងប្រជាជនចូលរួមស្តាប់ការអប់រំផ្សព្វផ្សាយស្តីពីការបង្ការអំពើហិង្សាគ្រួសារ ការគាំពារ
កុមារ ការបង្ការជម្ងឺអេដស៍និងការបង្ការការជួញដូរមនុស្ស

ថ្ងៃទី 30 ខែ 11 ឆ្នាំ ២០១៨

នៅភូមិ ត្រពាំងក្រវាញ ឃុំ ត្រពាំងក្រវាញ ស្រុក ទឹកល្អក់ ខេត្ត កំពត

លរ	នាមនិងត្រកូល	ភេទ	មុខរបរ	ផ្សេងៗ
1	គឹម ឡាន	ប	ប្រធាន	
2	ឈ គឹម	ស	—	
3	ឈ វណ្ណឌី	ស	ប្រ/ស	
4	ស៊ី ឡាន	ស	ប្រ/ស	
5	ស៊ី ឡាន	ប	ប្រ/ស	
6	ឈ ឡាន	ស	ប្រ/ស	
7	ស៊ី ឡាន	ស	ប្រ/ស	
8	ស៊ី ឡាន	ស	ប្រ/ស	
9	ស៊ី ឡាន	ប	ប្រ/ស	
10	ឈ ឡាន	ស	ប្រ/ស	
11	ស៊ី ឡាន	ប	ប្រ/ស	
12	ស៊ី ឡាន	ស	ប្រ/ស	
13	ស៊ី ឡាន	ស	ប្រ/ស	
14	ស៊ី ឡាន	ស	—	
15	ស៊ី ឡាន	ប	—	
16	ស៊ី ឡាន	ស	—	
17	ស៊ី ឡាន	ស	—	
18	ស៊ី ឡាន	ស	—	
19	ស៊ី ឡាន	ស	—	
20	ស៊ី ឡាន	ស	—	

ធ្វើនៅថ្ងៃទី 30 ខែ 11 ឆ្នាំ ២០១៨

គ្រូបង្គោល
Seylan
 គឹម ឡាន



**Partners for Development
in Action**

Monthly Report: December 2018

On

**Gender-Based Violence & Child Protection,
HIV/AIDS and Human Trafficking Prevention
Program**

**Submitted to Branch of Sichuan Road & Bridge (Group) Co., Ltd
For National Road No. 3 Improvement Project – (Kampot provincial town – Prey Nop)**

27 December 2018

I. INTRODUCTION

This report covers the period from 01 to 31 December 2018 of PfDA activities on Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention Program among road/bridge construction workers and surrounding community members in selected national road #3 construction from Kampot provincial town to Khum Veal Rinh, Khan Prey Nop, Sihanouk Ville Province.

II. ACTIVITIES AND ACHIEVEMENTS

Key Activities: *Provide education to community members and construction workers/supervisors on Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention; Inform them of the available service of STI and HIV/AIDS screening, diagnosis, counseling at the health facilities; Encourage/them to use the services at public health facilities*

Results: For this reporting period, PfDA conducted one group education sessions on Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention for a total of 18 community members (10 female) in Trapaing Thnot village, Trapaing Thnoat commune, Teuk Chhou district, Kampot province .

The education session was conducted on 18 December 2018 from 8:00 am to 8:45 am by Mr. Im Saromnika with assistance from Trapaing Thnoat health center staff.

The participatory approach was used where the educators stressed on basic understanding of Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention with regard to reduction of family violence, measures to prevent human trafficking in the community, mode of transmission of STD and HIV/AIDS, the prevention measures, where to get the services and cost associated, and the importance of condom use.

The educators also informed participants about the services availability (counseling, testing, treatment of STD/HIV/AIDS) at the health center and referral hospital level and encouraged them to use the services at the health facilities. The session was followed by Quiz Show and provided prizes to those who answered the questions correctly. At the end of the session, IEC materials on STD and HIV/AIDS (36 leaflets) were distributed to participants. It was a cheerful education session.

PfDA staff also conducted face to face education among community members reaching a total of 8 persons (5 female). The face to face education allowed the community members to ask questions they have concerning STD and HIV/AIDS, gender, domestic violence, child protection and human trafficking.



Education Activities, Trapaing Thnot village,
Kampot province, 18/12/2018

Appendixes:

1. Summary of achievements
2. Photos of activities for December 2018
3. Schedule for January 2019
4. Attendance List for December 2018

Appendix 1: Summary of Achievements

#	Achievements by Output Indicators	Previous (Nov 2018)		To Date (Nov 2018 – Dec 2018)	
		Total	Female	Total	Female
1	Number of community members received education on Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention	20	15	38	25
2	Number of road construction workers received education on Gender-Based Violence & Child Protection, HIV/AIDS and Human Trafficking Prevention	0	0	0	0
3	Number of monitoring and follow up visits by PfDA staff	1	0	2	0

Appendix 2: Photos of Activities for December 2018



Appendix 3: Education Schedule: January 2019

Date	Time	Topic of Education	Venue and Location of Education				Contact Person/Facilitators
			Village	Commune	District	Province	
22/01/2019	2:00 – 2:45 PM	Gender Based Violence, child protection, HIV/AIDS and human trafficking prevention	Chang Horn	Trapaing Thnoat	Teuk Chhou	Kampot	Dr. Roeun Puch, PfDA Program Director Tel: 012- 945-522

Appendix 4: List of Attendance

អង្គការសកម្មភាពដៃគូសម្រាប់អភិវឌ្ឍន៍
Partners for Development in Action (PfDA)

បញ្ជីរាយនាមកម្មករនិងប្រជាជនចូលរួមស្តាប់ការអប់រំផ្សព្វផ្សាយស្តីពីការបង្ការអំពើហិង្សាគ្រួសារ ការគំរាម
 កុមារ ការបង្ការជម្ងឺអេដស៍និងការបង្ការការជួញដូរមនុស្ស

ថ្ងៃទី 18 ខែ 12 ឆ្នាំ ២០១៨

នៅភូមិ ចំការក្រោម ឃុំ ចំការក្រោម ស្រុក ជ័យល្អិត ខេត្ត កំពត

លរ	នាមនិងគោត្តនាម	ភេទ	មុខរបរ	ផ្សេងៗ
1	ឈុន ខនី	ប	កសិករ	
2	ឈុន គាវ	ប	កសិករ	
3	ឈុន គាវ	ប	កសិករ	
4	ឈុន គាវ	ប	កសិករ	
5	ឈុន ខនី	ប	កសិករ	
6	ឈុន គាវ	ប	កសិករ	
7	ឈុន គាវ	ប	កសិករ	
8	ឈុន គាវ	ប	កសិករ	
9	ឈុន គាវ	ប	កសិករ	
10	ឈុន គាវ	ប	កសិករ	
11	ឈុន គាវ	ប	កសិករ	
12	ឈុន គាវ	ប	កសិករ	
13	ឈុន គាវ	ប	កសិករ	
14	ឈុន គាវ	ប	កសិករ	
15	ឈុន គាវ	ប	កសិករ	
16	ឈុន គាវ	ប	កសិករ	
17	ឈុន គាវ	ប	កសិករ	
18	ឈុន គាវ	ប	កសិករ	

ធ្វើនៅថ្ងៃទី 18 ខែ 12 ឆ្នាំ ២០១៨

គ្រូបង្ហាញ
 A. អ្នកបង្ហាញ
 អ្នកបង្ហាញ



Royal Government of Cambodia
Ministry of Public Works and Transport



World Bank IDA Credit No. 5789-KH

Road Asset Management Project II (RAMP-II)

**Gender-Based Violence & Children Protection,
HIV/AIDS and Human Trafficking Prevention Program**

The Monthly Report for December 2018

Submitted by



**Guangdong Provincial Changda
Highway Engineering Co., Ltd.**

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2.2	CONDUCT AWARENESS RAISING WITH COMMUNITY PEOPLE	3
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I. Introduction

HIV/AIDS Situation: Cambodia's HIV prevalence in adult aged 15 to 49 year was 0.8% in 2010. The prevalence has been declined steadily from a peak of 2.4% in 1998 (NCHADS-HSS 2010). According to the report on HIV sentinel surveillance in Cambodia 2006 of the NCHADS among 67,200 Cambodians, have been infected with HIV; 31,000 have transitioned to AIDS, and 10,000 died of this disease.

Human Trafficking and Unsafe Migration Situation: Cambodia is a source, destination, and transit country for men, women, and children trafficked for the purposes of sexual exploitation and forced labor to Thailand, Malaysia, and Taiwan. Cambodian men are primarily trafficked to Thailand for labor exploitation in the construction and agricultural sectors, particularly the fishing industry. Cambodian children are trafficked to Vietnam and Thailand to work as street beggars. Woman from Vietnam are trafficked for prostitution and forced labor. Foreign marriages are on the increase and make detection and prevention complex as it is difficult for authorities to ascertain whether the marriages are genuine or forced.

Gender-Based Violence and Children Protection: All contractors and sub-contractors who are responsible for World Bank Projects have to enforce the policy of gender-based violence and children protection. Furthermore, the villages that target along the project areas also mainstream the awareness of his subject in order to enforce the knowledge.

1.1 Program Information

The Royal Government of Cambodia (**RGC**) through the Ministry of Public Works and Transport (**MPWT**) has received finance for Road Asset Management Project II (RAMP-II) from the World Bank IDA Credit No.5789-KH). The gender-based violence & children protection, HIV/AIDS and human trafficking prevention program for MPWT-2-CW: Maintenance and Strengthening of NR7 (From PK136+000 to 186+000).

The gender-based violence & children protection, HIV/AIDS and human trafficking prevention program were components designed in order to reduce the risk of the gender-based violence, HIV/AIDS and human trafficking in the project areas. The **MPWT** awarded the construction contract to **Guangdong Provincial Changda Highway Engineering Co., Ltd.** which in turn appointed Community Development of Humanitarian Association (**CDOH**) as service provider to implement on the gender-based violence & children protection, HIV/AIDS and human trafficking prevention. The program is maximum 18 months-intermittent during 54 months of contract duration along NR7 from PK136+000 to PK186+000. **CDOH** commenced activities from **September 2018**.

1.2 Objective of Report

This monthly report is to provide the activities implemented for **December 2018** on the main topic of gender-based violence & children protection, HIV/AIDS and human trafficking prevention program. The activities include (1) two training sessions for villagers along the target areas, (2) one training session for road construction workers, staffs and consultants, (3) Condom installation and IEC materials provisions.

II. Activities Achieved

2.1 Conduct the Training for Road Construction Workers, Staffs and Consultants

With coordination and cooperation from the site manager of **Guangdong Provincial Changda Highway Engineering Co., Ltd.** CDOH's staffs (HIV/AIDS, gender and human trafficking specialists) conducted training courses to road construction workers, staffs and consultants on the main topic, gender-based violence & children protection, HIV/AIDS and human trafficking prevention program with the total of **27 participants** (0 female). The training courses conducted at the construction work site; **PK 159 of NR7**. The training session is educated through brainstorming, showing pictures, case studies with IEC materials provisions. Furthermore, all participants who took part will become animators in continuum extension to their families, close relatives, close friends, and neighboring houses in the community. (Attendant list of participant attached in annex A).



Photos of Training with Road Workers, Staffs and Consultants (First session)

2.2 Conduct Awareness Raising with Community People

CDOH team also conducted awareness raising with local community (group discussion) on messages related to gender-based violence & children protection, HIV/AIDS and human trafficking prevention program to the people who are living along the road **NR7** from **PK 137** in the target area at Chrak Chambak village, Chob commune, Tboung Khmum district, Tboung Khmum province. The awareness raising reached **57 people** which include 49 females. The training session educated through brainstorming, showing pictures, case studies with IEC materials provision. (Attendant list of participants in local community attached in annex B).



Photos of Training at Chrak Chambak Village (Second session)



Photos of Training at Chrak Chambak Village (Third session)

The main-topics raised and discussed in the training course are following:

HIV/AIDS:

- HIV-AIDS history
- Difference between HIV and AIDS
- Explain definition of immunity
- Transmission- how spread and how it does not
- How to prevent HIV
- Explain need for blood testing

Human Trafficking on :

- What is human trafficking and migration
- Factors lead to human trafficking

- Difference between safe and risky migration and what should be done to minimize the risk .

Gender-Based Violence and Children Protection:

- Definition of gender-based violence
- Reasons lead to gender-based violence
- Kinds of gender-based violence
- Impact gender-based violence
- Moral conduct for prevention and reduction of gender-based violence
- Target group who have to implement on gender-based violence policy
- Main children's rights
- How to prevent children from human trafficking and domestic violence and gender-based violence.

2.3 Condom Boxes Installation for Road Construction Workers and Community People

Through the program, CDOH continues to procure approximately 5-6 sets of condoms to people in target area. The distribution was done via the condom provision to participants after awareness to ensure 100% use as the program of National AIDS Authority (NAA).



Photo of Condom Distribution

2.4 IEC Material Distribution

To increase more awareness on gender-based violence & children protection, HIV/AIDS and human trafficking prevention program to all people participated in the awareness providing, CDOH team distributed leaflets and posters during the awareness campaign. Furthermore, before handing IEC materials to participants, CDOH team also help guide and introduce key messages in IEC materials for them to continue reading at home and continue disseminating to their relatives, friends and communities as well.



Photo IEC Material Distributed

III. Table of Participants in Training Session

No	Date	Location	Description	Participants		Total
				M	F	
1	19/12/2018	Road Workers PK159 of NR7	Training on gender-based violence and children protection, HIV/AIDS and human trafficking prevention.	27	0	27
2	19/12/2018	Chrak Chambak village PK137 of NR7	Training on gender-based violence and children protection, HIV/AIDS and human trafficking prevention.	5	27	32
3	19/12/2018	Chrak Chambak village PK137 of NR7	Training on gender-based violence and children protection, HIV/AIDS and human trafficking prevention.	3	22	25
			Total	35	49	84

IV. Encountered Problems

Some people can't read the literature. So we educated them with the lessons of gender-based violence and children protection, HIV/AIDS and human trafficking prevention to them by using the simple words and showing the pictures that are good ways for them to understand.

V. Work Plan for Next Month

- Contact with local authority to inform the formation on gender- based violence & children protection, HIV/AIDS and human trafficking prevention program.
- Keep in touch with the contractor.
- Prepare the IEC materials and logistic for awareness on HIV/AIDS and road safety.
- Prepare the monthly report for next plan.

Annex A: Name list of participants for Road Construction Workers, Staffs and Consultants



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

Community Development of Humanitarian Association (CDOH)

Package MPWT-2-CW: Maintenance and Strengthening of NR7
From PK 136+000 to PK 186+000

Gender-Based Violence & Children Protection, HIV/AIDS and
Human Trafficking Prevention Program

កម្មវិធីទប់ស្កាត់ការរីករាលដាលជំងឺអេដស៍ មេរោគអេដស៍ ការជួញដូរមនុស្ស
និង ការទប់ស្កាត់អំពើហិង្សាយេនឌ័រលើកុមារ


កាលបរិច្ឆេទ: 19 ធ្នូ 2018


ទីកន្លែង: CGCD office

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តួនាទី Position	ឈ្មោះស្ថាប័ន Name of Institution	លេខទូរស័ព្ទ Phone Number	ហត្ថលេខា Signature
1	ឪ ព័ន្ធរ	ប	កម្មករ	CGCD	09 2229293	Ce
2	លី ចន្ទី	ប	កម្មករ	CGCD	088 5020 5599	DL
3	ចិន ចិន	ប	កម្មករ	CGCD	—	DL
4	លី ឡាន	ប	—	CGCD	—	
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Trainer:

 ສົມ-ວຽກ

Approved by:

 ສົມ-ວຽກ

Annex B: Name list of participants for Community People



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

Community Development of Humanitarian Association (CDOH)

Package MPWT-2-CW: Maintenance and Strengthening of NR7
From PK 136+000 to PK 186+000

Gender-Based Violence & Children Protection, HIV/AIDS and
Human Trafficking Prevention Program

កម្មវិធីទប់ស្កាត់ការរីករាលដាលជំងឺអេដស៍ មេរោគអេដស៍ ការជួញដូរមនុស្ស
និង ការទប់ស្កាត់អំពើហិង្សាយេនឌ័រលើកុមារ

កាលបរិច្ឆេទ: 19 ធ្នូ 2018

ទីកន្លែង: ភ្នំ ប្រាសាទ PK 137

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តំណ Position	ឈ្មោះស្ថាប័ន Name of Institution	លេខទូរស័ព្ទ Phone Number	ហត្ថលេខា Signature
1	ឥសប គង់សី	ប្រុស	ប្រ-២	ស្ថាប័ន ២៧		
2	ឥសប សាវ	ប្រុស	—	—		
3	ឥសប គង់សី	ប្រុស	—	—		
4	គាត់ ឡើង	ប្រុស	—	—		
5	ឥសប គង់សី	ប្រុស	—	—		
6	ឈាម គង់សី	ប្រុស	—	—		
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8	ឈាម គង់សី	ប្រុស	—	—		
9	ឈាម គង់សី	ប្រុស	—	—		
10	ឥសប គង់សី	ប្រុស	—	—		
11	ឈាម គង់សី	ប្រុស	—	—		
12	ឈាម គង់សី	ប្រុស	—	—		

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Trainer:

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Approved by:

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Community Development of Humanitarian Association (CDOH)

Package MPWT-2-CW: Maintenance and Strengthening of NR7
From PK 136+000 to PK 186+000

Gender-Based Violence & Children Protection, HIV/AIDS and
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កម្មវិធីទប់ស្កាត់ការរីករាលដាលជំងឺអេដស៍ មេរោគអេដស៍ ការជួញដូរមនុស្ស
និង ការទប់ស្កាត់អំពើហិង្សាយេនឌ័រលើកុមារ

កាលបរិច្ឆេទ: 19- ៩- ២០១៨

ទីកន្លែង: ភូមិច្រកច្រក ឃុំច្រកច្រក ស្រុកច្រកច្រក ខេត្តត្បូងឃ្មុំ

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	តំណែង Position	ឈ្មោះស្ថាប័ន Name of Institution	លេខទូរស័ព្ទ Phone Number	ហត្ថលេខា Signature
1	លី ចន្ទ	ប	អនុប្រធាន	ច្រកច្រក	0718499040	
2	គ្រូ សុខ	ប	ប្រ.ជ	ច្រកច្រក		
3	ស្រី ឡា	ស	ប្រ.ជ	—		
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13	જોડવાનો	સ	પ્ર-૨	પ્રકરણ ૧		
14	બાંધવો	સ	—	—		
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16	જોડવાનો	સ	—	—		
17	જોડવાનો	સ	પ્રકરણ ૧	—		
18	જોડવાનો	સ	પ્રકરણ ૧	—		
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23	જોડવાનો	સ	પ્ર-૨	—		
24	જોડવાનો	સ	—	—		
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29	જોડવાનો	સ	—	—		
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Trainer:

Jong P. 2
જોડવાનો

Approved by:

[Signature]
જોડવાનો



Royal Government of Cambodia
Ministry of Public Works and Transport



World Bank IDA Credit No. 5789-KH
Road Asset Management Project II (RAMP-II)

**Gender-Based Violence & Children Protection,
HIV/AIDS and Human Trafficking Prevention Program**

The Monthly Report for November 2018

Submitted by



Guangdong Provincial Changda
Highway Engineering Co., Ltd.

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I. Introduction

HIV/AIDS Situation: Cambodia's HIV prevalence in adult aged 15 to 49 year was 0.8% in 2010. The prevalence has been declined steadily from a peak of 2.4% in 1998 (NCHADS-HSS 2010). According to the report on HIV sentinel surveillance in Cambodia 2006 of the NCHADS among 67,200 Cambodians, have been infected with HIV; 31,000 have transitioned to AIDS, and 10,000 died of this disease.

Human Trafficking and Unsafe Migration Situation: Cambodia is a source, destination, and transit country for men, women, and children trafficked for the purposes of sexual exploitation and forced labor to Thailand, Malaysia, and Taiwan. Cambodian men are primarily trafficked to Thailand for labor exploitation in the construction and agricultural sectors, particularly the fishing industry. Cambodian children are trafficked to Vietnam and Thailand to work as street beggars. Woman from Vietnam are trafficked for prostitution and forced labor. Foreign marriages are on the increase and make detection and prevention complex as it is difficult for authorities to ascertain whether the marriages are genuine or forced.

Gender-Based Violence and Children Protection: All contractors and sub-contractors who are responsible for World Bank Projects have to enforce the policy of gender-based violence and children protection. Furthermore, the villages that target along the project areas also mainstream the awareness of his subject in order to enforce the knowledge.

1.1 Program Information

The Royal Government of Cambodia (**RGC**) through the Ministry of Public Works and Transport (**MPWT**) has received finance for Road Asset Management Project II (RAMP-II) from the World Bank IDA Credit No.5789-KH). The gender-based violence & children protection, HIV/AIDS and human trafficking prevention program for MPWT-4-CW: Maintenance and Strengthening of NR7 (From PK243+000 to PK300+000).

The gender-based violence & children protection, HIV/AIDS and human trafficking prevention program were components designed in order to reduce the risk of the gender-based violence, HIV/AIDS and human trafficking in the project areas. The **MPWT** awarded the construction contract to **Guangdong Provincial Changda Highway Engineering Co., Ltd** which in turn appointed Community Development of Humanitarian Association (**CDOH**) as service provider to implement on the gender-based violence & children protection, HIV/AIDS and human trafficking prevention. The program is maximum 18 months-intermittent during 54 months of contract duration along NR7 from PK243+000 to PK300+000. **CDOH** commenced activities from August 2018.

1.2 Objective of the Report

This monthly report is to provide the activities implemented for **November 2018** on the main topic of gender-based violence & children protection, HIV/AIDS and human trafficking prevention program. The activities include (1) two training sessions for villagers along the target areas, (2) one training session for road construction workers, staffs and consultants, (3) Condom installation and IEC materials provisions.

II. Activities Achieved

2.1 Conduct the Training for Road Construction Workers, Staffs and Consultants

With coordination and cooperation from the site manager of **Guangdong Provincial Changda Highway Engineering Co., Ltd.** CDOH's staffs (HIV/AIDS, gender and human trafficking specialists) conducted training courses to road construction workers, staffs and consultants on the main topic, gender-based violence & children protection, HIV/AIDS and human trafficking prevention program with the total of **26 participants** (2 females). The training courses conducted at the construction work site; **PK 312 of NR7**. The training session is educated through brainstorming, showing pictures, case studies with IEC materials provisions. Furthermore, all participants who took part will become animators in continuum extension to their families, close relatives, close friends, and neighboring houses in the community. (Attendant list of participant attached in annex A).



Photos of Training with Road Workers, Staffs and Consultants (First session)

2.2 Conduct Awareness Raising with Community People

CDOH team also conducted awareness raising with local community (group discussion) on message related to gender-based violence & children protection, HIV/AIDS and human trafficking prevention program to the people who are living along **NR7** from **PK 248 to PK 249** in the target areas at **Kbal Trach** village, Srae Char commune, Snuol district, Kratie province. The awareness raising reached **42 people** which include 23 females. The training session educated through brainstorming, showing pictures, case studies with IEC materials provision. (Attendant list of participants in local community attached in annex B).



Photos of Training at Kbal Trach Village (Second session)



Photos of Training at Kbal Trach Village (Third session)

The main-topics raised and discussed in the training course are following:

HIV/AIDS:

- HIV-AIDS history
- Difference between HIV and AIDS
- Explain definition of immunity
- Transmission- how spread and how it does not
- How to prevent HIV
- Explain need for blood testing

Human Trafficking on :

- What is human trafficking and migration
- Factors lead to human trafficking
- Difference between safe and risky migration and what should be done to minimize the risk .

Gender-Based Violence and Children Protection:

- Definition of gender-based violence
- Reasons lead to gender-based violence
- Kinds of gender-based violence
- Impact gender-based violence
- Moral conduct for prevention and reduction of gender-based violence
- Target group who have to implement on gender-based violence policy
- Main children's rights
- How to prevent children from human trafficking and domestic violence and gender-based violence.

2.3 Condom Boxes Installation for Road Workers and Community People

Through the program, CDOH continues to procure approximately 5-6 sets of condoms to people in target area. The distribution was done via the condom provision to participants after awareness to ensure 100% use as the program of National AIDS Authority (NAA).

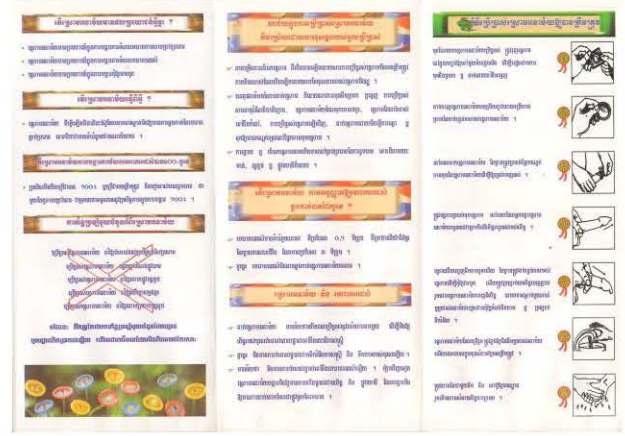


Photos of Condom Distribution

2.4 IEC Material Distribution

To increase more awareness on gender-based violence & children protection, HIV/AIDS and human trafficking prevention program to all people participated in the awareness providing, CDOH team distributed leaflets and posters during the awareness campaign.

Furthermore, before handing IEC materials to participants, CDOH team also help guide and introduce key messages in IEC materials for them to continue reading at home and continue disseminating to their relatives, friends and communities as well.



Photos of IEC Materials Distributed

III. Table of Participants in Training Session

No	Date	Location	Description	Participants		Total
				M	F	
1	7/11/2018	Construction Site PK 312 of NR7	Training on gender-based violence and children protection, HIV/AIDS and human trafficking prevention.	24	2	26
2	8/11/2018	Kbal Trach village PK 248 of NR7	Training on gender-based violence and children protection, HIV/AIDS and human trafficking prevention.	12	14	26
3	8/11/2018	Kbal Trach village PK 249 of NR7	Training on gender-based violence and children protection, HIV/AIDS and human trafficking prevention.	7	9	16
			Total	43	25	68

IV. Encountered Problems

Some people can't read the literature. So we educated them with the lessons of gender-based violence and children protection, HIV/AIDS and human trafficking prevention to them by using the simple words and showing the pictures that are good ways for them to understand.

V. Work Plan for Next Month

- Contact with local authority to inform the formation on gender-based violence & children protection, HIV/AIDS and human trafficking prevention program.
- Keep in touch with the contractor.
- Prepare the IEC materials and logistic for awareness on HIV/AIDS and road safety.
- Prepare the monthly report for next plan.

Annex A: Name list of participants for Road Construction Workers, Staffs and Consultants



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

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និង ការទប់ស្កាត់អំពើហិង្សាយេនឌ័រលើកុមារ

កាលបរិច្ឆេទ: ០៧-១១-២០១៨

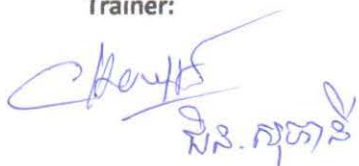
ទីកន្លែង: Construction site PK312

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

N.o	Name	Gender	Position	Name of Institution	Phone Number	Signature
1	លី ច័រីលា	ស	សេវា	CGCD	0886069778	Chhara
2	សំរាប់គុយសេម	ស	ចក្ខុវិស័យ	—	0887260886	—
3	Tan Chi	M	MPE/HR	CGCD	0715579860	—
4	GJEEVANANTHAM	M	IRE	KCI	085729115	—
5	Moun Sokmeth	M	NRE	KCI	099665563	—
6	គឹម ស៊ី	ស	សមាជិក		0883082233	—
7	ស៊ី សុខា	ស	សមាជិក		088460400	—
8	ស៊ី សុខា	ស	សមាជិក		0315333320048	—
9	ស៊ី សុខា	ស	សមាជិក		0888784440	—
10	ស៊ី សុខា	ស	សមាជិក		0882021067	—
11	ស៊ី សុខា	ស	សមាជិក		0885556832	—
12	ស៊ី សុខា	ស	សមាជិក		0974118007	—

13	សោម ឆាន់	ប	តាតង់ឡាន	0979450344	an.
14	ហ៊ី ជិន ឈី	ប	តាតង់ឡាន	0886098441	Bun
15	ថុំ គ្រុក	ប	តាតង់ឡាន	0885302538	al
16	ស៊ី គង្គ	ប	តាតង់ឡាន	0973748988	Quinn
17	ស៊ី ឡាន ឆាន់	ប	តាតង់ឡាន	07199910108	Cann
18	ស៊ី ឡាន ឆាន់	ប	តាតង់ឡាន	0717285468	Shub
19	ស៊ី ឡាន ឆាន់	ប	តាតង់ឡាន	088.7021200	Hawn
20	ស៊ី ឡាន ឆាន់	ប	តាតង់ឡាន	096866674	W
21	ស៊ី ឡាន ឆាន់	ប	តាតង់ឡាន	0979904388	un
22	ស៊ី ឡាន ឆាន់	ប	តាតង់ឡាន	0314449891	ed
23	ស៊ី ឡាន ឆាន់	ប	តាតង់ឡាន	097563388	al
24	ស៊ី ឡាន ឆាន់	ប	តាតង់ឡាន	0084989375	ed
25	ស៊ី ឡាន ឆាន់	ប	តាតង់ឡាន	0974255544	
26	ស៊ី ឡាន ឆាន់	ប	តាតង់ឡាន	088448 7772	un
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Trainer:


និ.ស. គុយនី

Approved by:


និ.ស. គុយនី

Annex B: Name list of participants for Community People



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

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កាលបរិច្ឆេទ: ០៨ ១១ ២០១៨

ទីកន្លែង: ភូមិ ក្បាលត្រាច PK 248 -> PK 249

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)

ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	អាយុ Age	តួនាទី Position	លេខទូរស័ព្ទ Phone Number	ហត្ថលេខា Signature
1	ប្រាក់ គឹម ឈន់	ប្រុស	36	អភិបាលក្រុម	0976711324	
2	ឡុង ឡុង	ប	62	ស្រី		
3	អ៊ុំ រ៉ាន់	ស	72	ស្រី		
4	ឈ្មោះ ប៊ុន ណាម	ប	70	ស្រី		
5	ប៊ុន កុន	ប	38	ស្រី		
6	ប្រាក់ គឹម ចេន	ប	45	ស្រី		
7	ហង់ ឡុង	ប		ស្រី		
8	ធីន រ៉ាន់	ស		ស្រី		
9	កេង រ៉ាន់	ប		ស្រី		
10	សាវី ប៊ុន	ប		ស្រី		
11	ខាត ឡុង	ស		ស្រី		
12	ឈ្មោះ ឈន់	ប		ស្រី		

13	ਭੂਟ ਸ਼ਿੱਪ	ਨ		ਕਮੇਰ		
14	ਪ੍ਰੋਟਾਕੋਲ ਨਾਮ	ਨ		ਕਮੇਰ		
15	ਮਨੁੱਖ	ਨ		ਕਮੇਰ.		
16	ਸੇਵਾ ਕ੍ਰਮ	ਨ		ਕਮੇਰ		
17	ਦੋਸਤ ਕ੍ਰਮ	ਨ		ਕਮੇਰ		
18	ਨਵਾਜ਼ ਕ੍ਰਮ	ਪ		ਕਮੇਰ		
19	ਭੂਟ ਕ੍ਰਮ	ਪ		ਕਮੇਰ		
20	ਸੇਵਾ ਕ੍ਰਮ	ਨ		ਕਮੇਰ		
21	ਕ੍ਰਮ ਨਾਮ	ਨ		ਕਮੇਰ		
22	ਕਮੇਰ .	ਨ	13.	ਕਮੇਰ.		
23	ਕਮੇਰ .	ਪ	43.	ਕਮੇਰ.		
24	ਕਮੇਰ .	ਨ	28	ਕਮੇਰ.		
25	ਕਮੇਰ .	ਨ	21	ਕਮੇਰ.		
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Trainer:


ਨਿਰਦੇਸ਼ਕ

Approved by:


ਮੁੱਖ-ਲੇਖ.



សហគមន៍សហគមន៍អភិវឌ្ឍន៍មនុស្សធម៌

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និង ការទប់ស្កាត់អំពើហិង្សាយេនឌ័រលើកុមារ

កាលបរិច្ឆេទ: ០៨-១១-២០១៨

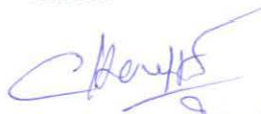
ទីកន្លែង: ភូមិ គ្រួសារ (គោល PK 249)

បញ្ជីវត្តមានអ្នកចូលរួម (List of Attendance)


ល.រ N.o	ឈ្មោះ Name	ភេទ Gender	អាយុ Age	តួនាទី Position	លេខទូរស័ព្ទ Phone Number	ហត្ថលេខា Signature
1	ស្រី ប. ណាតី	ស.	25.	សក់ ផ្លូវ.		
2	បាវ ឧ. វី.	ប.	35.	ស្រី ឱវត្តា.		
3	ស្រី ប. ម៉ាត	ស.	43.	—		
4	ស្រី ប. ឈី	ប.	11.	ស្រី ផ្លូវ.		
5	ស្រី ប. ឈី	ប.	11.	—		
6	ស្រី ប. ឈី	ស.	37.	កសិករ.		
7	ស្រី ប. ឈី	ស.	37.	—		
8	ស្រី ប. ឈី	ប.	40.	—		
9	ស្រី ប. ឈី	ប.	24.	—		
10	ស្រី ប. ឈី	ស.	10.	—		
11	ស្រី ប. ឈី	ស.	14.	—		
12	ស្រី ប. ឈី	ស.	29.	កសិករ		

13	ନାମ- ଶ୍ରୀମତୀ	ନା.	21	ବୟସ.		
14	ମାତା-ପିତା	ବ.	25	—		
15	ନାମ- ଶ୍ରୀମତୀ	ପ.	38	—		
16	ନାମ- ଶ୍ରୀମତୀ	ପ.	40	—		
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Trainer:


 ଶ୍ରୀ. ମହାନ୍ତି

Approved by:


 ଶ୍ରୀ. ମହାନ୍ତି