

Environmental Monitoring Report

Quarterly Report
July - September 2013

VIE: Greater Mekong Subregion Kunming–Hai Phong Transport Corridor Noi Bai– Lao Cai Highway Project

Prepared by Getinsa for the Vietnam Expressway Corporation, the Ministry of Transport,
the Government of Viet Nam, and the Asian Development Bank

CURRENCY EQUIVALENTS

(as of 1 October 2013)

Currency unit	–	dong (D)
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NOTE

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ENVIRONMENTAL, HEALTH AND SAFETY QUARTERLY REPORT



JULY – SEPTEMBER 2013



***Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project***

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ABBREVIATIONS

ADB	Asian Development Bank
EIA	Environmental Impact Assessment
EPMU	Expressway Project Management Unit
EHSMR	Environmental, Health and Safety Monthly Report
EHSQR	Environmental, Health and Safety Quarterly Report
EHSWIR	Environmental, Health and Safety Weekly Inspection Report
MONRE	Ministry of Natural Resources and Environment
MOT	Ministry of Transport
NB-LC	Noi Bai - Lao Cai
NS	National Specialist (environmental)
PPE	Personal Protection Equipment
PSC	Project Supervision Consultant
SMR	Safety Monitoring Report
TOR	Terms Of Reference
VEC	Vietnam Expressway Corporation
KPH	Not detected

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0. SUMMARY

Environmental, Health and Safety Control and Protection: Environmental, Health and Safety inspections continued being regularly carried out in weekly basis to monitor impacts due to works and the implementation of mitigation measures. Specific monthly reports, which are submitted to EPMU, and a quarterly report, which is submitted to the Client and to ADB, were prepared for all packages concerning the supervision and control of the above mentioned issues, as regular reporting procedure established by the PSC, increasing the duties specified in our Contract in order to improve the monitoring and control processes. Also, short weekly check lists are prepared after each inspection on site in order to maintain the information constantly updated.

The general main problems and impacts on site along the entire Project this third quarter 2013 have been very similar to the previous periods, although a new important one arose, and may be summarized as below:

Cleanliness, healthy conditions

- Lack of cleanliness at some construction sites. Waste materials are not generally properly stored. However, in the last three months it has been noticed some improvements in the management of this matter by the contractors.
- This quarter, most of worker camps were improving, little by little, the cleanliness and the sanitary conditions. In any case, they must continue in this line. Package A5 must clearly improve this issue.

Noise & Air Pollution

- Due to the dry season, especially in September, much dust was generated on site and local roads. The causes are: not enough water spraying activities and trucks for earthworks operating without being covered. In Packages A1, A2, A6 and A8 some watering trucks were regularly seen spraying water. Packages A3, A4, A5 and A7 must clearly improve this issue. The Engineer continually requests contractors to improve these activities.
- Mitigation measures to alleviate the increase of noise level were introduced in some locations, avoiding noisy night works near houses.

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Soil pollution and erosive processes. Hazardous substances management

- Soil landslide continued happening in some slopes and several riverbanks, due to the rain water and the lack of protection for the new surfaces at many locations. Specially, in package A2 and package A3, soil landslide happened in some sections. Currently, Contractor almost solved this problem satisfying local people and authorities. Still continues without been solved a punctual problem in Package A5, because a lack of agreement with the compensated local people about the responsible to remove the soil.
- In package A6, planting works are very advanced. In package A7, Contractor planted grass in more than 75% of planting areas and the plantations are kept in good maintenance. In package A8, Contractor has planted grass in more than 60% of planting area. In Packages A3 and A4, Consultant has already approved the method statement for grassing. However, these Contractors have not yet started planting grass as required by Consultant.
- The storage and management of oil, fuel, waste oil and other hazardous substances continues showing some deficiencies, although the impact on soils due to spills may be recognized that is lower than in previous quarters. Packages A2, A3, A4, A6 and A8 must clearly improve this issue.

Rivers protection, water quality. Disposals

- According to the results of the water quality monitoring activities (results of the monthly analytics), it can be considered in general, that the water quality around the project is not being significantly affected, despite some punctual affectations, as for example at workers' camp at Km209+800 – Package A8 or some construction river sites, where the construction system and the landslides due to rains, caused turbidity in the flows.
- Package A1 (Tan Loi and Xuan Phuong bridges), presents erosion processes due to temporary crossing accesses or piers construction. For these cases, Contractor was requested to submit to the Engineer a restoration project which must include all the works and actions to reach a complete final restoration, as for example the use of supplement earth and stones to get a slope available for trees planting. The Contractor has resubmitted revised restoration plans and the Engineer has already approved the technical methods (version 02). But the restoration works have not been carried out yet.

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- In package A4, Contractor has affected both banks of the river at Ngoi Gianh Bridge. Consultant has requested Contractor KEANGNAM A4 to submit a plan for restoration of these banks.
- In last quarter, Contractors DOOSAN and GRBCC dumped unsuitable materials beside Red river, such as Km165+500 in package A6; Chau Que Thuong bridge - Km190+420 and Km195+500 in Package A7. Contractors have been requested several times to completely remove all soil at these unauthorized disposal areas to disposal areas approved by Consultant and, after this, to submit studies about further impacts and plans for action and restoration according to the results of the studies and the final decisions taken. However, Contractor GRBCC did not follow first Consultant's instruction but submitted the impact study. DOOSAN submitted the study and a plan for total removal of the disposal.
- In package A7, Contractor Guangxi even continued dumping unsuitable material at other unauthorized disposal areas beside Red river, in September, such as at Km208+890 and Km209+800.

Cement Batching Plants

- CBPs were improved in this Quarter, installing or improving settling ponds and other protective measures. In the third quarter of 2013, settling ponds of Cement Batching Plants such as CBP at Km 145+300 (CBP N°.4 - package A5), CBP at Suoi Nhu bridge (package A8) were not well dredged. On the other hand, CBPs in Package A3 and Package A6 have water treatment installations properly maintained.

Safety conditions

During this Quarter remained some of common issues in safety, including:

- Workers don't use full PPEs at work in some locations, in general because they don't realize that this equipment is a guarantee for safety at work and to prevent accidents.
- At some locations, fences are missed or deteriorated and endangers the road users (TL309 Bridge, TL305C Bridge, Km80+500, Underpass box culvert Km114; DR-pipe Km112; Up-box Km125; Ngoi Rao and Ngoi Gia bridge's construction site, Tan Tien Bridge, Km208+040, Km212+100, IC18 Bridge Km244+540).

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- Some roads are flooded with mud and dirtiness (Trung Kien Bridge, TL301 Bridge, Ba Thien Bridge, TL305C Bridge, Underpass box culverts Km 36+460 and Km 36+915, Underpass box culverts Km 30+875, Km145+100, Hop Minh My Bridge, Access road Km162, Access road Km160, Access road Km174, Access road at Km195+500, Underpass box culvert Km218+160).

Specific safety problems at specific locations include:

- Lack of safety net under launched girders and safety work way in Dai Duong, Tan Loi and Xuan Phuong Bridges.
- Risk of landslide on slopes at Km 45+900 ~ Km 46+000, Km53+150, Km54+150, Km80+750, Km81+300, Excavation slope Km215+200, Excavation slope Km241+700, Excavation slope Km228+100.
- At fuel stocking areas, usually no safety fences and signboards, although fire extinguishers were provided in many storages.

However, also some improvements should be remarked in this report, as below:

- In the most dangerous locations, such as structures, workers are mostly provided with safety equipment (PPE), although not all subcontractors provide this equipment and require the use of it.
- Scaffolds in piers were improved as well as safety nets were installed in several bridges, as the Engineer required, improving safety in high works. Packages A3 and A6 are the most representative.

Several fences and warning signals were installed in sites when the working surfaces are beside local roads and sensitive locations. However, there are locations where no signalling has been installed yet. The Consultant has requested the contractors to fully complete the safety signalling.

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1. INTRODUCTION

1.1 FRAMEWORK OF THE REPORT

Within the framework of the Environmental Control Plans proposed by the contractors and the duties of the Consultant (PSC) in this matter contained in the Consulting Services Contract, the environmental team of national specialists (NS) in charge of inspecting the environmental conditions of the works for the new highway, have done weekly inspections along the sites and surroundings of all the Packages which nowadays are all with construction activities, checking the environmental measures applied by the constructors and detecting any impacts that could be generated by the building works during the period of reference of this quarterly report, that means, July, August and September 2013.

The results were already included in the environmental, health and safety weekly inspection reports (EHSWIR) and the corresponding monthly reports for each package (EHSMR). The Weekly Reports have been included in the corresponding Monthly Reports. So, it's considered not necessary or useful to include again that information in this document.

As the environmental team, therefore under its responsibility, is also in charge of monitoring the healthy and safety conditions in site, specialists in site offices also have made weekly inspections in all packages. Their results have been being included in the mentioned monthly reports, as nowadays all these issues have been joined in only one report. Therefore these issues are also included in this quarterly report.

So, this document is defined as Environmental, Health and Safety Monitoring Quarterly Report (hereinafter called EHSQR). It will be submitted to the Client, Vietnam Expressway Corporation (VEC), through the Expressway Project Management Unit (EPMU) and following the Terms of Reference (ToR) of the Consultant's Contract, also to Asian Development Bank (ADB).

1.2 DESCRIPTION OF THE PROJECT. DIVISION IN PACKAGES

Noi Bai - Lao Cai (NB-LC) Highway is a part of Kunming - Hai Phong Transport Corridor, which has been studied with a total length of 865 Km passing Yunnan province of China and Lao Cai, Yen Bai, Phu Tho, Vinh Phuc, Ha Noi, Bac Ninh, Hai Duong, Quang Ninh and Hai Phong provinces of Vietnam.

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Vietnam Expressway Corporation, which is a state owner company, is the proposer of this project. Its executing agency is the Ministry of Transport (MOT), and it's being financed by Asian Development Bank (ADB) and the Government of Vietnam.

According to original design, NB - LC Highway has a total length of about 262.4 km, passing through 72 communes and 18 districts of provinces and cities as Ha Noi, Vinh Phuc, Phu Tho, Yen Bai and Lao Cai.

The construction of project is divided into two phases, in which the first phase will construct 244 km with 4 lanes from Ha Noi to Yen Bai and 2 lanes from Yen Bai to Lao Cai. The second phase will be the widen section of the former with 6 lanes from Ha Noi to Yen Bai and 4 lanes from Yen Bai to Lao Cai (Chinese border, 262 km).

Construction of the whole project, first phase, is divided into 8 packages including A1, A2, A3, A4, A5, A6, A7 and A8. All of them have already begun their construction activities. The length, location and the status of works in each package at the end of the period are described in the following paragraphs and tables.

- Package A1 is about 26.630 km of length with start point at station Km 0+070 and finishes at station Km 26+700. Package A1 goes through the Soc Son district of Hanoi City and Vinh Phuc province.
- Package A2 is about 22.120 km of length and goes through the Vinh Phuc province and a little of Phu Tho province. Package A2 has start point at station Km 26+700 and finishes at station Km 48+820. It must cross over Lo River, with a long bridge.
- Package A3 is about 32.240 km of length with start point at station Km48+360 and ending point at station Km 80+00. Package A3 goes through the Phu Tho province. The most significant structure is the bridge to cross over Red River.
- Package A4 has start point at Km 80+000 in Cam Khe district, Phu Tho province and ending point at Km109+750 in Tran Yen district, Yen Bai province. Its total length is 29.750 km.
- Package A5 has start point at Km109+750 in Tran Yen district, Yen Bai province and ending point at Km150+900 in Van Yen district, Yen Bai province. Its total length is 41.150 km.

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- Package A6 lengthens from start point Km150+900 of Van Yen district, Yen Bai province to Km190+420 in Van Ban district, Lao Cai province. Its total length is 39.520 km. Almost alignment goes through high mountains in Yen Bai and Lao Cai province and crosses over natural streams by 18 bridges. This section also includes 1 tunnel under range of mountain at Km186+500.
- Package A7 lengthens from start point Km190+420 in Van Ban district to Km 218+040 in Bao Thang district, Lao Cai province. Almost alignment also goes through high mountains and 18 bridges are needed. Its total length is 27,620 m. Khe Sang bridge with a length of 287m is the biggest one.
- Package A8 begins at station Km 218+040 in Bao Thang district and finishes at Km 244+155 in Bao Thang district, Lao Cai province. Its total length is 26,115 m. Suoi Trat bridge with a length of 374.8 m is the biggest one.

Table 1.1: Current status of the works at the end of this quarter

	A1	A2	A3	A4
Site clearing	100.00%	100.00%	100.00%	93.41%
Earthworks	100.00%	89.57%	93.28%	67.18%
Drainage	85.86%	41.90%	46.41%	54.10%
Structures (1)	96.12%	92.16%	93.17%	81.52%
Overall progress	81.81%	69.78%	63.24%	46.82%
	A5	A6	A7	A8
Site clearing	97.74%	92.59%	100.00%	100.00%
Earthworks	67.12%	85.39%	88.40%	99.15%
Drainage	57.95%	46.26%	86.03%	68.25%
Structures (1)	61.35%	90.15%	79.40%	92.36%
Tunnel Construction	-	62.83%	-	-
Overall progress	38.40%	63.43%	73.88%	77.29%

(1) Concrete works

(data expressed in percentage of the total planned in the project, related to the contract quantities)

The environmental monitoring program is carried out in compliance with regulations of Vietnam Government and ADB safeguard policy in order to control environmental impacts and to ensure that the environment in the surroundings of the project area is well preserved. The VEC proponent should perform environmental protection measures stated in the EIA report as well as requirements written in the approval decision made by MONRE. In accordance with article

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23 of the Environmental Protection Law and article 15 of Decree 80/2006/ND-CP, MONRE will organize, direct, and monitor the environmental protection measures performed by VEC as stated in the EIA report approved.

At present, this environmental monitoring program is being undertaken by Environmental specialists of Getinsa hired by Vietnam Expressway Corporation. EPMU, the Project Manager, with the Consultant's support, monitors the environmental protection measures applied by the contractors during the development of their works, in compliance with the environmental control and protection plans proposed by contractors and already approved by the PSC. Consultant reports to EPMU-VEC as the main involved authority in the project.

In addition to that, during the monitoring process, the environmental specialists and contractors will try to find out and mitigate unanticipated environmental impacts arising from the project construction process.

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2. CONSTRUCTION WORKS PROGRESS DURING THE PERIOD

In this chapter, they are included all the works already done or in process during the period, in each package and detailing the section where the works are developed.

2.1 PACKAGE A1

July	
Sec 1: Km 0+900 ~ Km 4+350	Embankment work
Sec 2: Km 0+080 ~ Km 1+000 & Km 4+350 ~ Km 7+661	Embankment work
Sec 3: Km 7+661 ~ Km 10+771	Embankment work
Sec 4: Km 10+771 ~ Km 15+030	Embankment work
Sec 5: Km 15+030 ~ Km 18+400	Embankment work
Sec 6: Km 18+400 ~ Km 21+900	Embankment work
Sec 7: Km 21+900 ~ Km 23+900	Embankment work
Sec 8: Km 23+900 ~ Km 26+700	Embankment work
Underpass NH2	Structure work
Kim Anh bridge (Km 1+901.05)	No activity
TL402 bridge (Km 3+053.55)	No activity
Trung Kien bridge (Km 4+491.00)	Structure work
Dai Duong bridge (Km 7+392.65)	Structure work
Xuan Phuong bridge (Km 7+660.05)	Structure work
NTT bridge (Km 7 + 854.7)	No activity
TL301 bridge (Km 8+761.55)	Structure work
Tan Loi bridge (Km 10+695.00)	Structure work
Ba Thien bridge (Km 14+026.00)	Structure work
I.C 3 bridge (Km 14+590.00)	No activity
Bon bridge (Km 15+107.00)	No activity
TL302B bridge (Km 15+825.00)	No activity
TL-TK bridge (Km 19+120.05)	No activity
TL302CI bridge (Km 19+740.05)	No activity
Cam I bridge (Km 21+910.05)	No activity
Cam II bridge (Km 21+910.05)	No activity
TL302CII bridge (Km 22+480.05)	No activity
Army I bridge (Km 23+855.45)	No activity
NH2B bridge (Km 24+946.00)	No activity
August	
Sec 1: Km 0+900 ~ Km 4+350	Embankment work
Sec 2: Km 0+080 ~ Km 1+000 & Km 4+350 ~ Km 7+661	Embankment work
Sec 3: Km 7+661 ~ Km 10+771	Embankment work
Sec 4: Km 10+771 ~ Km 15+030	Embankment work
Sec 5: Km 15+030 ~ Km 18+400	Embankment work
Sec 6: Km 18+400 ~ Km 21+900	Embankment work
Sec 7: Km 21+900 ~ Km 23+900	Embankment work
Sec 8: Km 23+900 ~ Km 26+700	Embankment work
Underpass NH2	Structure work
Kim Anh bridge (Km 1+901.05)	No activity
TL402 bridge (Km 3+053.55)	No activity
Trung Kien bridge (Km 4+491.00)	Structure work

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Dai Duong bridge (Km 7+392.65)	Structure work
Xuan Phuong bridge (Km 7+660.05)	Structure work
NTT bridge (Km 7 + 854.7)	No activity
TL301 bridge (Km 8+761.55)	Structure work
Tan Loi bridge (Km 10+695.00)	Structure work
Ba Thien bridge (Km 14+026.00)	Structure work
I.C 3 bridge (Km 14+590.00)	No activity
Bon bridge (Km 15+107.00)	No activity
TL302B bridge (Km 15+825.00)	No activity
TL-TK bridge (Km 19+120.05)	No activity
TL302CI bridge (Km 19+740.05)	No activity
Cam I bridge (Km 21+910.05)	No activity
Cam II bridge (Km 21+910.05)	No activity
TL302CII bridge (Km 22+480.05)	No activity
Army I bridge (Km 23+855.45)	No activity
NH2B bridge (Km 24+946.00)	No activity
September	
Sec 1: Km 0+900 ~ Km 4+350	Embankment work
Sec 2: Km 0+080 ~ Km 1+000 & Km 4+350 ~ Km 7+661	Embankment work
Sec 3: Km 7+661 ~ Km 10+771	Embankment work
Sec 4: Km 10+771 ~ Km 15+030	Embankment work
Sec 5: Km 15+030 ~ Km 18+400	Embankment work
Sec 6: Km 18+400 ~ Km 21+900	Embankment work
Sec 7: Km 21+900 ~ Km 23+900	Embankment work
Sec 8: Km 23+900 ~ Km 26+700	Embankment work
Underpass NH2	Structure work
Kim Anh bridge (Km 1+901.05)	No activity
TL402 bridge (Km 3+053.55)	No activity
Trung Kien bridge (Km 4+491.00)	Structure work
Dai Duong bridge (Km 7+392.65)	Structure work
Xuan Phuong bridge (Km 7+660.05)	Structure work
NTT bridge (Km 7 + 854.7)	No activity
TL301 bridge (Km 8+761.55)	Structure work
Tan Loi bridge (Km 10+695.00)	No activity
Ba Thien bridge (Km 14+026.00)	Structure work
I.C 3 bridge (Km 14+590.00)	No activity
Bon bridge (Km 15+107.00)	No activity
TL302B bridge (Km 15+825.00)	No activity
TL-TK bridge (Km 19+120.05)	No activity
TL302CI bridge (Km 19+740.05)	No activity
Cam I bridge (Km 21+910.05)	No activity
Cam II bridge (Km 21+910.05)	No activity
TL302CII bridge (Km 22+480.05)	No activity
Army I bridge (Km 23+855.45)	No activity
NH2B bridge (Km 24+946.00)	No activity

2.2 PACKAGE A2

July	
Sec 1: Km 26+700~Km 32+700	Embankment work
Sec 2: Km 32+700~Km 35+300	Embankment work
Sec 3: Km 35+300~Km 36+910	Embankment work

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Sec 4: Km 36+910~Km 39+850	Embankment work
Sec 5: Km 39+580~Km 40+690	Embankment work
Sec 6: Km 40+690~Km 43+400	Embankment work
Sec 7: Km 43+400~Km 45+300	Embankment work
Sec 8: Km 45+300~Km 47+660	Embankment work
Army II Bridge (Km 27+015.00)	No activity
Army III Bridge (Km 28+010.00)	No activity
TL310 Bridge (Km 29+201.00)	Structure work
Ben Tre Bridge (Km 31+068.00)	No activity
Tan Dung Bridge (Km 31+245.05)	No activity
Muong Noi Bridge (Km 31+504.50)	Structure work
TL306I Bridge (Km 33+181.55)	No activity
Muong Dao Bridge (Km 33+295.00)	No activity
Ben Gao Bridge (Km 35+211.05)	Structure work
TL305 Bridge (Km 37+951.55)	No activity
Song Dao Bridge (Km 38+450.05)	No activity
Phung Nguyen Bridge (Km 39+188.00)	No activity
Xuan Quang Bridge (Km 41+480.00)	No activity
TL306II Bridge (Km 45+834.05)	No activity
Lo river Bridge (Km 48+181.30)	No activity
August	
Sec 1: Km 26+700~Km 32+700	Embankment work
Sec 2: Km 32+700~Km 35+300	Embankment work
Sec 3: Km 35+300~Km36+910	Embankment work
Sec 4: Km 36+910~Km 39+850	Embankment work
Sec 5: Km 39+580~Km 40+690	Embankment work
Sec 6: Km 40+690~Km 43+400	Embankment work
Sec 7: Km 43+400~Km 45+300	Embankment work
Sec 8: Km 45+300~Km 47+660	Embankment work
Army II Bridge (Km 27+015.00)	No activity
Army III Bridge (Km 28+010.00)	No activity
TL310 Bridge (Km 29+201.00)	Structure work
Ben Tre Bridge (Km 31+068.00)	No activity
Tan Dung Bridge (Km 31+245.05)	No activity
Muong Noi Bridge (Km 31+504.50)	Structure work
TL306I Bridge (Km 33+181.55)	No activity
Muong Dao Bridge (Km 33+295.00)	No activity
Ben Gao Bridge (Km 35+211.05)	No activity
TL305 Bridge (Km 37+951.55)	No activity
Song Dao Bridge (Km 38+450.05)	No activity
Phung Nguyen Bridge (Km 39+188.00)	No activity
Xuan Quang Bridge (Km 41+480.00)	No activity
TL306II Bridge (Km 45+834.05)	No activity
Lo river Bridge (Km 48+181.30)	No activity
September	
Sec 1: Km 26+700~Km 32+700	Embankment work
Sec 2: Km 32+700~Km 35+300	Embankment work
Sec 3: Km 35+300~Km36+910	Embankment work
Sec 4: Km 36+910~Km 39+850	Embankment work
Sec 5: Km 39+580~Km 40+690	Embankment work
Sec 6: Km 40+690~Km 43+400	Embankment work
Sec 7: Km 43+400~Km 45+300	Embankment work
Sec 8: Km 45+300~Km 47+660	Embankment work
Army II Bridge (Km 27+015.00)	No activity
Army III Bridge (Km 28+010.00)	No activity
TL310 Bridge (Km 29+201.00)	Structure work

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Ben Tre Bridge (Km 31+068.00)	No activity
Tan Dung Bridge (Km 31+245.05)	No activity
Muong Noi Bridge (Km 31+504.50)	Structure work
TL306I Bridge (Km 33+181.55)	No activity
Muong Dao Bridge (Km 33+295.00)	No activity
Ben Gao Bridge (Km 35+211.05)	No activity
TL305 Bridge (Km 37+951.55)	No activity
Song Dao Bridge (Km 38+450.05)	No activity
Phung Nguyen Bridge (Km 39+188.00)	No activity
Xuan Quang Bridge (Km 41+480.00)	No activity
TL306II Bridge (Km 45+834.05)	No activity
Lo river Bridge (Km 48+181.30)	No activity

2.3 PACKAGE A3

July	
TL 325 B	Drilling bored piles
Bai Bang	Casting pier column
Cam Phu	Casting girder
Lung Thuong	Casting pier column
TL 320 B	Finished
HCM IC	Launching PCI girders
XuanThanh	Placing rebar for deck slab
TL 315 B	Finished
TL 323B	Finished
Phai Din	Finished
TL 320C	Finished
RW Flyover	Casting pier column; Launching PCI girders; casting pier head
Red River	Concreting parapets
IC8	Casting Pier heads
IC10	Casting girder and Pier, drilling bored piles
CV QL2	Making toad to parapets launching girders
Phong Chau	Finished
Section 1: Km48+360-Km54+000	Earth work; Subbase
Section 2: Km54+000-Km59+600	Earth work; Subbase
Section 3: Km59+600-Km65+390	Earth work; Subbase
Section 4: Km65+390-Km69+070	Earth work; Subbase
Section 5: Km69+070-Km73+070	Earth work; Subbase
Section 6: Km73+070-Km77+620	Earth work; Subbase
Section 7: Km77+620-Km80+000	Earth work; Subbase
August	
TL 325 B	drilling bored piles
Bai Bang	Casting pier column
Cam Phu	Casting girder
Lung Thuong	Casting pier column
TL 320 B	Finished
HCM IC	Launching PCI girders
XuanThanh	Placing rebar for deck slab
TL 315 B	Finished
TL 323B	Finished
Phai Din	Finished

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TL 320C	Finished
RW Flyover	Casting pier column; Launching PCI girders; casting pier head
Red River	Concreting parapets
IC8	Casting Pier heads
IC10	Casting girder and Pier, drilling bored piles
CV QL2	Making toad to parapets launching girders
Phong Chau	Finished
Section 1: Km48+360-Km54+000	Earth work; Subbase
Section 2: Km54+000-Km59+600	Earth work; Subbase
Section 3: Km59+600-Km65+390	Earth work; Subbase
Section 4: Km65+390-Km69+070	Earth work; Subbase
Section 5: Km69+070-Km73+070	Earth work; Subbase
Section 6: Km73+070-Km77+620	Earth work; Subbase
Section 7: Km77+620-Km80+000	Earth work; Subbase
September	
TL 325 B	Drilling bored piles
Bai Bang	Casting pier column
Cam Phu	Casting girder
Lung Thuong	Casting pier column
TL 320 B	Finished
HCM IC	Launching PCI girders
XuanThanh	Placing rebar for deck slab
TL 315 B	Finished
TL 323B	Finished
Phai Din	Finished
TL 320C	Finished
RW Flyover	Casting pier column; Launching PCI girders; casting pier head
Red River	Concreting parapets
IC8	Casting Pier heads
IC10	Casting girder and Pier, drilling bored piles
CV QL2	Making toad to parapets launching girders
PhongChau	Finished
Section 1: Km48+360-Km54+000	Earth work; Subbase
Section 2: Km54+000-Km59+600	Earth work; Subbase
Section 3: Km59+600-Km65+390	Earth work; Subbase
Section 4: Km65+390-Km69+070	Earth work; Subbase
Section 5: Km69+070-Km73+070	Earth work; Subbase
Section 6: Km73+070-Km77+620	Earth work; Subbase
Section 7: Km77+620-Km80+000	Earth work; Subbase

2.4 PACKAGE A4

July	
Ngoi Lao bridge - Km97+100	Pier Cap working
QL32C bypass bridge - Km107+533	Prepair for Launching PC slab grider
Ngoi Van bridge - Km108+960	Pier Cap working
Dam Nang bridge – Km108+287	Foundation, stemwall working
TL321C bridge – Km84+400	Foundation working
Ngoi Gianh bridge – Km88+760	Pier cap, stemwall working

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Section 1: Km80+000 - Km85+000	Earth work
Section 2: Km85+000 - Km89+600	Earth work
Section 3: Km89+600 - Km96+200	Earth work
Section 4: Km96+200 - Km100+000	Earth work
Section 5: Km100+000 - Km105+000	Earth work
Section 6: Km105+000 - Km109+750	Earth work; Subbase
August	
Ngoi Lao bridge - Km97+100	Pier Cap working
QL32C bypass bridge - Km107+533	Prepair for Launching PC slab grider
Ngoi Van bridge - Km108+960	Pier Cap working
Dam Nang bridge – Km108+287	Foundation, stemwall working
TL321C bridge – Km84+400	Foundation working
Ngoi Gianh bridge – Km88+760	Pier cap, stemwall working
Section 1: Km80+000 - Km85+000	Earth work; Subbase
Section 2: Km85+000 - Km89+600	Earth work
Section 3: Km89+600 - Km96+200	Earth work
Section 4: Km96+200 - Km100+000	Earth work
Section 5: Km100+000 - Km105+000	Earth work
Section 6: Km105+000 - Km109+750	Earth work; Subbase
September	
Ngoi Lao bridge - Km97+100	Pier Cap working
QL32C bypass bridge - Km107+533	Prepair for Launching PC slab grider
Ngoi Van bridge - Km108+960	Pier Cap working
Dam Nang bridge – Km108+287	Foundation, stemwall working
TL321C bridge – Km84+400	Foundation working
Ngoi Gianh bridge – Km88+760	Pier cap, stemwall working
Section 1: Km80+000 - Km85+000	Earth work; Subbase
Section 2: Km85+000 - Km89+600	Earth work
Section 3: Km89+600 - Km96+200	Earth work
Section 4: Km96+200 - Km100+000	Earth work
Section 5: Km100+000 - Km105+000	Earth work; Subbase
Section 6: Km105+000 - Km109+750	Earth work; Subbase

2.5 PACKAGE A5

July	
Van Phu bridge – Km114+100.05	Structure work
Hop Minh My bridge – Km118+920.05	Structure work
Ngoi Lau bridge – Km120+615.85	Structure work
QL 37 bridge – Km121+433.05	Structure work
Ngoi Gua bridge – Km128+665.46	Structure work
Ngoi Rao bridge – Km130+916.30	Structure work
Ngoi Thu bridge – Km136+108.35	Structure work
Ngoi Thap bridge – Km138+447.15	Structure work
Ngoi Vien bridge – Km140+788.50	Structure work
Xuan Thu bridge – Km141+483.55	Structure work
Ngoi Thia bridge – Km145+434.05	Structure work
Ngoi Buc bridge – Km 150+704.65	Structure work
Section 1: Km109+750 - Km115+800	Excavation & filling work
Section 2: Km115+800 - Km120+000	Excavation & filling work
Section 3: Km120+000 - Km125+000	Excavation & filling work
Section 4: Km125+000 - Km130+000	Excavation & filling work

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Section 5: Km130+000 - Km136+400	Excavation & filling work
Section 6: Km136+400 - Km142+000	Excavation & filling work
Section 7: Km142+000 - Km148+000	Excavation & filling work
Section 8: Km148+000 - Km150+900	Excavation & filling work
August	
Van Phu bridge – Km114+100.05	Structure work
Hop Minh My bridge – Km118+920.05	Structure work
Ngoi Lau bridge – Km120+615.85	Structure work
QL 37 bridge – Km121+433.05	Structure work
Ngoi Gua bridge – Km128+665.46	Structure work
Ngoi Rao bridge – Km130+916.30	Structure work
Ngoi Thu bridge – Km136+108.35	Structure work
Ngoi Thap bridge – Km138+447.15	Structure work
Ngoi Vien bridge – Km140+788.50	Structure work
Xuan Thu bridge – Km141+483.55	Structure work
Ngoi Thia bridge – Km145+434.05	Structure work
Ngoi Buc bridge – Km 150+704.65	Structure work
Section 1: Km109+750 - Km115+800	Excavation & filling work
Section 2: Km115+800 - Km120+000	Excavation & filling work
Section 3: Km120+000 - Km125+000	Excavation & filling work
Section 4: Km125+000 - Km130+000	Excavation & filling work
Section 5: Km130+000 - Km136+400	Excavation & filling work
Section 6: Km136+400 - Km142+000	Excavation & filling work
Section 7: Km142+000 - Km148+000	Excavation & filling work
Section 8: Km148+000 - Km150+900	Excavation & filling work
September	
Van Phu bridge – Km114+100.05	Structure work
Hop Minh My bridge – Km118+920.05	Structure work
Ngoi Lau bridge – Km120+615.85	Structure work
QL 37 bridge – Km121+433.05	Structure work
Ngoi Gua bridge – Km128+665.46	Structure work
Ngoi Rao bridge – Km130+916.30	Structure work
Ngoi Thu bridge – Km136+108.35	Structure work
Ngoi Thap bridge – Km138+447.15	Structure work
Ngoi Vien bridge – Km140+788.50	Structure work
Xuan Thu bridge – Km141+483.55	Structure work
Ngoi Thia bridge – Km145+434.05	Structure work
Ngoi Buc bridge – Km 150+704.65	Structure work
Section 1: Km109+750 - Km115+800	Excavation & filling work
Section 2: Km115+800 - Km120+000	Excavation & filling work
Section 3: Km120+000 - Km125+000	Excavation & filling work
Section 4: Km125+000 - Km130+000	Excavation & filling work
Section 5: Km130+000 - Km136+400	Excavation & filling work
Section 6: Km136+400 - Km142+000	Excavation & filling work
Section 7: Km142+000 - Km148+000	Excavation & filling work
Section 8: Km148+000 - Km150+900	Excavation & filling work

2.6 PACKAGE A6

July	
KheChuong bridge – Km153+355.05	Structure work
Ngoi That bridge – Km155+971.55	Structure work
Ngoi Rom bridge- Km157+517.05	Structure work

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Ngoi Cong bridge – Km159+207.85	Structure work
NgoiGiam I bridge – Km162+896.35	Structure work
NgoiGiam II bridge – Km163+126.00	Structure work
Ngoi Hut bridge – Km165+110.50	Structure work
NgoiChac bridge – Km169+412.00	Structure work
NgoiPha bridge – Km170+312.50	Structure work
SuoiQuan bridge – Km173+434.00	Structure work
NgoiNhuoc bridge – Km176+661.85	Structure work
Lang Nhay bridge – Km182+164.00	Structure work
Lang Lau bridge – Km184+057.95	Structure work
Ngoi Don bridge – Km185+077.75	Structure work
Dai Viet bridge – Km186+902.05	Structure work
Van Xuan bridge – Km187+141.55	Structure work
SuoiNau bridge – Km188+766.00	Structure work
Lang Nheo flyover – Km173+929	Structure work
Section 1: Km150+900 - Km156+000	Excavation & filling work
Section 2: Km156+000 - Km162+000	Excavation & filling work
Section 3: Km162+000 - Km165+000	Excavation & filling work
Section 4: Km165+000 - Km168+000	Excavation & filling work
Section 5: Km168+000 - Km172+000	Excavation & filling work
Section 6: Km172+000 - Km176+713	Excavation & filling work
Section 7: Km176+713 - Km182+214	Excavation & filling work
Section 8: Km182+214 - Km186+200	Excavation & filling work
Section 9: Km186+730 - Km190+420	Excavation & filling work
Tunnel (Km 186+200 – Km 186+730)	Concrete work
August	
KheChuong bridge – Km153+355.05	Structure work
Ngoi That bridge – Km155+971.55	Structure work
Ngoi Rom bridge- Km157+517.05	Structure work
Ngoi Cong bridge – Km159+207.85	Structure work
NgoiGiam I bridge – Km162+896.35	Structure work
NgoiGiam II bridge – Km163+126.00	Structure work
Ngoi Hut bridge – Km165+110.50	Structure work
NgoiChac bridge – Km169+412.00	Structure work
NgoiPha bridge – Km170+312.50	Structure work
SuoiQuan bridge – Km173+434.00	Structure work
NgoiNhuoc bridge – Km176+661.85	Structure work
Lang Nhay bridge – Km182+164.00	Structure work
Lang Lau bridge – Km184+057.95	Structure work
Ngoi Don bridge – Km185+077.75	Structure work
Dai Viet bridge – Km186+902.05	Structure work
Van Xuan bridge – Km187+141.55	Structure work
SuoiNau bridge – Km188+766.00	Structure work
Lang Nheo flyover – Km173+929	Structure work
Section 1: Km150+900 - Km156+000	Excavation & filling work
Section 2: Km156+000 - Km162+000	Excavation & filling work
Section 3: Km162+000 - Km165+000	Excavation & filling work
Section 4: Km165+000 - Km168+000	Excavation & filling work
Section 5: Km168+000 - Km172+000	Excavation & filling work
Section 6: Km172+000 - Km176+713	Excavation & filling work
Section 7: Km176+713 - Km182+214	Excavation & filling work
Section 8: Km182+214 - Km186+200	Excavation & filling work
Section 9: Km186+730 - Km190+420	Excavation & filling work
Tunnel (Km 186+200 – Km 186+730)	Concrete work
September	

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KheChuong bridge – Km153+355.05	Structure work
Ngoi That bridge – Km155+971.55	Structure work
Ngoi Rom bridge- Km157+517.05	Structure work
Ngoi Cong bridge – Km159+207.85	Structure work
NgoiGiam I bridge – Km162+896.35	Structure work
NgoiGiam II bridge – Km163+126.00	Structure work
Ngoi Hut bridge – Km165+110.50	Structure work
NgoiChac bridge – Km169+412.00	Structure work
NgoiPha bridge – Km170+312.50	Structure work
SuoiQuan bridge – Km173+434.00	Structure work
NgoiNhuoc bridge – Km176+661.85	Structure work
Lang Nhay bridge – Km182+164.00	Structure work
Lang Lau bridge – Km184+057.95	Structure work
Ngoi Don bridge – Km185+077.75	Structure work
Dai Viet bridge – Km186+902.05	Structure work
Van Xuan bridge – Km187+141.55	Structure work
SuoiNau bridge – Km188+766.00	Structure work
Lang Nheo flyover – Km173+929	Structure work
Section 1: Km150+900 - Km156+000	Excavation & filling work
Section 2: Km156+000 - Km162+000	Excavation & filling work
Section 3: Km162+000 - Km165+000	Excavation & filling work
Section 4: Km165+000 - Km168+000	Excavation & filling work
Section 5: Km168+000 - Km172+000	Excavation & filling work
Section 6: Km172+000 - Km176+713	Excavation & filling work
Section 7: Km176+713 - Km182+214	Excavation & filling work
Section 8: Km182+214 - Km186+200	Excavation & filling work
Section 9: Km186+730 - Km190+420	Excavation & filling work
Tunnel (Km 186+200 – Km 186+730)	Concrete work

2.7 PACKAGE A7

July	
Khe Sang Bridge	Finished top slab
Khe Can Bridge	Finished top slab
Tan Tien Bridge	On going launching girder
Thin Thung I Bridge	On going top slab
Thin Thung II Bridge	Finished launch girder
Tan An Bridge	Finished top slab
Xom Danh Bridge	On going top slab
Ram All Bridge	Finished launch girder
Xom Cam Bridge	Structure work
Ngoi Bong Bridge	Finished top slab
Tan Thuong Bridge	On going launching girder
Khe Hong Bridge	Finished launch girder
Cam Con Bridge	Structure work
Chau Que Rhuong Bridge	No activate
Ram B Bridge	Finished launch girder
Section1: Km190+420-Km201+000	Construction asphalt layers; Common excavation: Aggregate subbase and base
Section2: Km201+000-Km207+000	Construction asphalt layers; Common excavation: Aggregate subbase and base
Section3: Km207+000-Km218+040	Common excavation and Unsuitable material, Aggregate base

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August	
Khe Sang Bridge	Finished top slab
Khe Can Bridge	Finished top slab
Tan Tien Bridge	On going launching girder
Thin Thung I Bridge	On going top slab
Thin Thung II Bridge	Finished launch girder
Tan An Bridge	Finished top slab
Xom Danh Bridge	On going top slab
Ram All Bridge	Finished launch girder
Xom Cam Bridge	Structure work
Ngoi Bong Bridge	Finished top slab
Tan Thuong Bridge	On going launching girder
Khe Hong Bridge	Finished launch girder
Cam Con Bridge	Structure work
Chau Que Rhuong Bridge	No activate
Ram B Bridge	Finished launch girder
Section1: Km190+420-Km201+000	Construction asphalt layers; Common excavation: aggregate subbase and base
Section2: Km201+000-Km207+000	Construction asphalt layers; Common excavation: Aggregate subbase and base
Section3: Km207+000-Km218+040	Common excavation and Unsuitable material, Aggregate base
September	
Khe Sang Bridge	Finished top slab
Khe Can Bridge	Finished top slab
Tan Tien Bridge	On going launching girder
Thin Thung I Bridge	On going top slab
Thin Thung II Bridge	Finished launch girder
Tan An Bridge	Finished top slab
Xom Danh Bridge	On going top slab
Ram All Bridge	Finished launch girder
Xom Cam Bridge	Structure work
Ngoi Bong Bridge	Finished top slab
Tan Thuong Bridge	On going launching girder
Khe Hong Bridge	Finished launch girder
Cam Con Bridge	Structure work
Chau Que Rhuong Bridge	Finished launch girder
Ram B Bridge	Finished launch girder
Section1: Km190+420-Km201+000	Construction asphalt layers; Common excavation: Aggregate subbase and base
Section2: Km201+000-Km207+000	Construction asphalt layers; Common excavation: Aggregate subbase and base
Section3: Km207+000-Km218+040	Common excavation and Unsuitable material, Aggregate base

2.8 PACKAGE A8

July	
IC18 Bridge	Finished top slab
Suoi Trat Bridge	Launching girders
Ngoi Bo Bridge	Finished top slab
Suoi Nhu Bridge	Structure works

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Lang Tra Bridge	Finished top slab
IC17 Bridge	Finished top slab
Son Ha Bridge	Finished top slab
Son Hai Bridge	Finished top slab
Xuan Giao Bridge	Finished top slab
Section1: Km218+080-Km223+000	Deploy the base, subbase and Asphalt concrete
Section2: Km223+000-Km225+000	Deploy the base, subbase and Asphalt concrete
Section3: Km225+000-Km229+000	Deploy the base, subbase and Asphalt concrete
Section4: Km229+000-Km232+000	Deploy the base, subbase and Asphalt concrete
Section5: Km232+000-Km235+000	Deploy the base, subbase and Asphalt concrete
Section6: Km235+000-Km238+000	Deploy the base, subbase and Asphalt concrete
Section7: Km238+000-Km241+000	Deploy the base, subbase and Asphalt concrete
Section8: Km241+000-Km243+000	Unsuitable material and common excavation
Section9: Km243+000-Km244+000	Unsuitable material and common excavation
RAM IC18: Km244+000-Km244+570	Unsuitable material and common excavation
August	
IC18 Bridge	Finished top slab
Suoi Trat Bridge	Launching girders
Ngoi Bo Bridge	Finished top slab
Suoi Nhu Bridge	Structure works
Lang Tra Bridge	Finished top slab
IC17 Bridge	Finished top slab
Son Ha Bridge	Finished top slab
Son Hai Bridge	Finished top slab
Xuan Giao Bridge	Finished top slab
Section1: Km218+080-Km223+000	Deploy the base, subbase and Asphalt concrete
Section2: Km223+000-Km225+000	Deploy the base, subbase and Asphalt concrete
Section3: Km225+000-Km229+000	Deploy the base, subbase and Asphalt concrete
Section4: Km229+000-Km232+000	Deploy the base, subbase and Asphalt concrete
Section5: Km232+000-Km235+000	Deploy the base, subbase and Asphalt concrete
Section6: Km235+000-Km238+000	Deploy the base, subbase and Asphalt concrete
Section7: Km238+000-Km241+000	Deploy the base, subbase and Asphalt concrete
Section8: Km241+000-Km243+000	Unsuitable material and common excavation
Section9: Km243+000-Km244+000	Unsuitable material and common excavation
RAM IC18: Km244+000-Km244+570	Unsuitable material and common excavation
September	
IC18 Bridge	Finished top slab
Suoi Trat Bridge	Launching girders
Ngoi Bo Bridge	Finished top slab
Suoi Nhu Bridge	Finished top slab
Lang Tra Bridge	Finished top slab

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IC17 Bridge	Finished top slab
Son Ha Bridge	Finished top slab
Son Hai Bridge	Finished top slab
Xuan Giao Bridge	Finished top slab
Section1: Km218+080-Km223+000	Deploy the base, subbase and Asphalt concrete
Section2: Km223+000-Km225+000	Deploy the base, subbase and Asphalt concrete
Section3: Km225+000-Km229+000	Deploy the base, subbase and Asphalt concrete
Section4: Km229+000-Km232+000	Deploy the base, subbase and Asphalt concrete
Section5: Km232+000-Km235+000	Deploy the base, subbase and Asphalt concrete
Section6: Km235+000-Km238+000	Deploy the base, subbase and Asphalt concrete
Section7: Km238+000-Km241+000	Deploy the base, subbase and Asphalt concrete
Section8: Km241+000-Km243+000	Unsuitable material and common excavation
Section9: Km243+000-Km244+000	Unsuitable material and common excavation
RAM IC18: Km244+000-Km244+570	Unsuitable material and common excavation

3. CARRIED OUT TASKS DURING THE PERIOD

During the period of reference for this quarterly report, the environmental tasks carried out by the specialists in their site offices and for each package were the following (see table below).

In some cases, weather conditions diffculted so much the movement along the alignment, therefore may be any week it was not possible the access to site. In other cases, the progress and distribution of the works in the packages, have conditioned especialistas to carry out punctual inspections instead of general ones.

Package	General Inspection ¹			Punctual Inspection ²			Weekly Report Submission			Letter/Notification Submission			Weekly, Monthly and Specific Meeting		
	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
A1	2, 9, 19	13, 16, 20, 26, 28	10, 13, 17, 24	25	8	6, 11	6, 13, 20, 27	3, 10, 17, 24, 21	7, 14, 21, 28	4, 15	1, 2, 7, 13, 16, 20, 22	11, 12, 17		27	
A2	10, 18, 25	13, 22, 28	13, 17, 24	4, 8, 16, 23, 29, 30	7, 8, 14, 15	6, 9, 10, 27	6, 13, 20, 27	3, 10, 17, 24, 21	7, 14, 21, 28	4, 10, 11, 15, 18, 22, 23, 25, 26, 30	2, 7, 9, 13, 16, 26	7, 9, 11, 12, 17, 19		27	
A3	04; 11; 18; 25	07; 14; 21; 28	04; 11; 18; 25	08; 15		10; 24	01; 08; 15; 22; 29	05; 12; 19; 26	02; 09; 16; 23; 30	03; 04; 11; 12; 17; 18; 20; 22	09, 15, 16, 21, 23, 29	10; 11; 17; 23; 25; 27	06; 20	10; 24	07; 21

Package	General Inspection ¹			Punctual Inspection ²			Weekly Report Submission			Letter/Notification Submission			Weekly, Monthly and Specific Meeting		
	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
A4	10; 17; 24; 31	08; 15; 22; 29	05; 12; 19; 26	13; 29	02; 07; 16	11; 24	01; 08; 15; 22; 29	05; 12; 19; 26	02; 09; 16; 23; 30	03; 04; 10; 11; 12; 17; 19	01; 05; 14; 15; 20; 23; 30	10; 11; 17; 23; 25; 27	13; 27	17; 24	14; 28
A5	11, 22, 26	2, 9, 26	3, 13, 20, 24	2, 9, 6	7, 26, 27	16, 26	6, 13, 20, 27	3, 10, 17, 24, 31	7, 14, 21, 28	2, 3, 12, 28, 29	1, 6, 19, 20	6, 11, 12, 19	11, 25	8, 15	12, 26
A6	4, 12, 24	1, 6, 13	4, 10, 16,	17, 26	5, 20	20, 25	6, 13, 20, 27	3, 10, 17, 24, 31	7, 14, 21, 28	2, 3, 29, 30	1, 3, 6, 7, 30	11, 12, 17, 19	18, 25	8, 15	12, 26
A7	2, 16	6, 13	10, 24	9, 23, 30	20, 26	4, 17	6, 13, 20, 27	10, 17, 24, 31	7, 14, 21, 28	2, 8, 10, 12, 18, 26	1, 2, 5, 6, 13, 20	3, 9, 11, 16, 19, 24	1, 15, 29	19	9, 27
A8	5, 25	15, 28	7, 18	11, 17	8, 22	12, 26	6, 13, 20, 27	10, 17, 24, 31	7, 14, 21, 28	3, 12, 23, 24, 26	2	10, 11, 12, 16, 25	1, 15, 29	19	9, 26

¹: Inspections along the whole package or, at least, most of its main stations

²: Inspections in one or few locations, generally because of any specific matter or problem

4. ENVIRONMENTAL MONITORING RESULTS. COMPLEMENTARY MEASURES TO BE APPLIED

4.1 IMPACT ON AIR QUALITY

As Annex 2.1 there are included the results of the air quality monitoring carried out during the period of this quarterly report.

Related with the measurement of the parameter PM10, it's necessary to explain that there were taken 3 samples along the day, for a period of 60 minutes each one. The regulation TCVN 5067:1995 "Weighing method for determine of dust content", in its point 4.3 Sampling, specifies the following: Record the value every an hour - for 24 hours sample. So, companies in charge of monitoring had to consider the "average value" of those samples, to compare with the standard.

Although the comparation between a punctual measurement and a continous 24 hours measurement is not available to get exact data for this parameter (PM10), it was considered that, since it is monitored by specialists, it could be a good approximation to the real value and, specially, to the real impact or effect.

Also, it must be mentioned that as the maximum value measured is lower than the standard for 24 hours, it may be consider that the results of this parameter are under the standards.

It must be also mentioned that there is not a homogeneous methodology between packages, as the companies that carry out the monitoring of these parameters are different ones in some of them.





4.1.1 Package A1

	Location: Embankment sections Site visit: 2, 9 , 19, 25 July; 8, 13, 16, 20, 26, 28 August; 6, 10, 11, 13, 17, 24 September
	Current status: The air quality generally is not impacted. The Contractor is also maintaining the water trucks to carry out the spraying water on surface of embankment sections and the weather is almost rain during this month so the spread of dust is minimized
	

4.1.2 Package A2

 <p>July 18, 2013</p>  <p>August 13, 2013</p>  <p>August 28, 2013</p>	<p>Location: Embankment sections</p> <p>Site visit: 3, 4, 8, 10, 16, 18, 23, 25, 29, 30 July; 8, 13, 15, 22, 28 August; 6, 9, 10, 13, 17, 24, 27 September</p> <p>Current status: Surface of embankment sections are spray water to minimize the spread of airborne dust and the weather is almost rain during this month so the dust is minimized</p>  <p>September 17, 2013</p>  <p>September 17, 2013</p>
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4.1.3 Package A3

	Location: QL2 Bridge
13/6/2013	Site visit: 04, 08, 11, 15, 18, 25/7; 07, 14, 21, 28/8/2013; 04, 10, 11, 18, 24, 25/9/2013
	Date first observed: 13/6/2013
25/7/2013	There is much dust on the exist road
	Recommendation and Action taken by Engineer: The contactor is requested to spray water frequently in order to decrease dust concentration on the exist road. Refer to the letters GET2-POS-A3-1982; GET2-POS-A3-1985
14/8/2013	
	
14/8/2013	Responsible Party:
	Deadline: Daily
	Current status: Not yet improved

 <p>15/5/2013</p>	Location: Km48+850.
	Site visit: 04, 08, 11, 15, 18, 25/7/2013
 <p>11/7/2013</p>	Date first observed: 15/5/2013
	Problems description and cause: There is much dust on the exist road
	Recommendation and Action taken by Engineer: The contactor is requested to spray water frequently in order to decrease dust concentration on the exist road
	Responsible Party:
	Deadline: Daily
	Current status: Not yet improved

4.1.4 Package A4



 <p>29/7/2013</p>	Location: TL321C Bridge
	Site visit: 10,13,17,24,29,31/7; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 26/3/2013
	Problems description and cause: There is much dust on the exist road
	Recommendation and Action taken by Engineer: The contactor is requested to spray water frequently in order to decrease dust concentration on the exist road
	Responsible Party: KEANGNAM



	Deadline: 10/7/2013
<p>07/8/2013</p> 	Current status: Not improved
<p>24/9/2013</p>	


	Location: Ngoi Lao Bridge
<p>05/9/2013</p>	Site visit: 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 08/5/2013
	Problems description and cause: Access road was full of mud when it rained
	Recommendation and Action taken by Engineer: Request Contractor to clean all mud to ensure safe travel when it rains
	Responsible Party: Keangnam
	Deadline: 25/9/2013
	Current status: Not improved






4.1.5 Package A5

	Location: Construction site Km110 – Km111
	Site visit: 11 and 26 July, 2013
	Date first observed: 11 th July, 2013
	Problems description and cause: The Contractor's construction activities and material transportation caused dust at this location. This situation caused impact to air quality.
	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to apply measures in order to minimize dust during construction and material transportation.
	Responsible Party: Keangnam Contractor
Deadline: 18-July-2013	
Current status: The contractor is spraying water on construction site in order to minimize dust during material transportation.	

 <p>July 11, 2013</p>  <p>July 26, 2013</p>	Location: Construction site Km110
	Site visit: 11 and 26 July, 2013
	Date first observed: 11 th July,2013
	Problems description and cause: The Contractor's trucks were not covered with canvas during material transportation. This situation cause the dust.
	Recommendation and Action taken by Engineer: The whole contractor's trucks must be covered with canvas during material transportation, at the same time, the Contractor must apply suitable measures in order to minimize dust during material transportation.
	Responsible Party: KeangnamContractor
	Deadline: 18-July-2013
	Current status: Mitigation measures have been implemented

 <p>August 16, 2013</p>	Location: Hop Minh My bridge's construction site
	Site visit: 16 and 26 August, 2013
	Date first observed: 16 th August,2013
	Problems description and cause: The Contractor's construction activities and material transportation caused dust at this location. This situation caused impact to air quality.
	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to apply measures in order to minimize dust during construction and material transportation (referring to the letter: No. GET3-KEANGNAM-13-A5-642)

	Responsible Party: Keangnam Contractor
<p>August 16, 2013</p>  <p>August 26, 2013</p>	<p>Deadline: 22-August-2013</p> <p>Current status: Not yet implemented.</p>
 <p>August 16, 2013</p>	<p>Location: Construction site Km116 – Km117</p> <p>Site visit: 16 and 27 August, 2013</p> <p>Date first observed: 16th August, 2013</p> <p>Problems description and cause: The Contractor's trucks were not covered with canvas during material transportation. This situation caused the dust.</p> <p>Recommendation and Action taken by Engineer: The whole contractor's trucks must be covered with canvas during material transportation, at the same time, the Contractor must apply suitable measures in order to minimize dust during material transportation.</p> <p>Responsible Party: Keangnam Contractor</p>


	Deadline: 22-August-2013
	Current status: Mitigation measures have been implemented


August 27, 2013

	Location: Km142 – Km143
	Site visit: 13 and 24 September, 2013
	Date first observed: 13 th September, 2013
	Problems description and cause: The Contractor's construction activities and material transportation were caused dusty at this location. This situation is caused impact to air quality.
<p>September 13, 2013 (Km142 – Km143)</p> <p>September 24, 2013 (Km142 – Km143)</p>	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to apply measures in order to minimize dust during construction and material transportation (referring to the letter: No. GET3-KEANGNAM-13-A5-714 dated 19 th September, 2013 regarding to Require the Contractor to apply measures in order to ensure the Project's environmental and safety issues, Package A5)
	Responsible Party: Keangnam Contractor
	Deadline: 23 September, 2013
	Current status: The contractor is spraying water on public roads and access roads in order to minimize dust during material transportation.

 <p>September 16, 2013 (Km110 – Km112)</p>  <p>September 24, 2013 (Km110 – Km112)</p>	Location: Construction site Km110 – Km112
	Site visit: 16 and 24 September, 2013
	Date first observed: 16 th September, 2013
	Problems description and cause: The Contractor's truck did not cover with canvas during material transportation, this situation causes the dust.
	Recommendation and Action taken by Engineer: The whole contractor's trucks must be covered with canvas during material transportation, at the same time, the Contractor must apply suitable measures in order to minimize dust during material transportation (referring to the letter: No. GET3-KEANGNAM-13-A5-714 dated 19 th September, 2013)
	Responsible Party: Keangnam Contractor
	Deadline: 23 September, 2013
	Current status: Mitigation measures have been implemented

4.1.6 Package A6

	Location: Construction site and Public roads and access road Km169, Km162, Km161, Km157, Km156.
	Site visit: 12 and 26 July, 2013
	Description: The contractor is spraying water on public roads and access roads in order to minimize dust during material transportation.

<p>July 12, 2013 (Km156)</p>  <p>July 26, 2013 (Km169)</p>	 <p>July 26, 2013 (Km162)</p>
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 <p>July 4, 2013 (Km157)</p>  <p>July 4, 2013 (Km159)</p>	<p>Location: Station Km157; Km159</p>
	<p>Site visit: 4 and 18 July, 2013</p>
	<p>Date first observed: 4th July, 2013</p>
	<p>Problems description and cause: The Contractor's trucks are not covered with canvas during material transportation. This situation cause the dust, especially on sunny and windy days.</p>
	<p>Recommendation and Action taken by Engineer: The whole contractor's trucks must be covered with canvas during material transportation, at the same time, the Contractor must apply suitable measures in order to minimize dust during material transportation.</p>
	<p>Responsible Party: Doosan Contractor</p>
	<p>Deadline: 10-July-2013</p>




July 18, 2013 (Km157)

Current status: Mitigation measure has been implemented by the Contractor (trucks are fully covered with canvas during material transportation).



July 18, 2013 (Km159)

 <p>August 1, 2013 (Km168)</p>  <p>August 13, 2013 (Km157)</p>	<p>Location: Construction site and Public roads and access road Km168, Km167, Km165, Km157, Km156</p>
	<p>Site visit: 1, 6, 13 and 29 August, 2013</p>
	<p>Description: The contractor is spraying water on public roads and access roads in order to minimize dust during material transportation.</p>
	 <p>August 29, 2013 (Km156)</p>

 <p>August 20, 2013 (Km157)</p>	<p>Location: Station Km157; Km160</p>
	<p>Site visit: 20 and 29 August, 2013</p>
	<p>Date first observed: 20th August, 2013</p>
	<p>Problems description and cause: The Contractor's construction activities and material transportation were caused dusty at this location. This situation is caused impact to air quality.</p>
	<p>Recommendation and Action taken by Engineer: The Engineer requested the Contractor to apply measures in order to minimize dust during construction and material transportation.</p>

 <p>August 20, 2013 (Km160)</p>  <p>August 29, 2013 (Km160)</p>	Responsible Party: Doosan Contractor
	Deadline: 27-August-2013
	Current status: The contractor is spraying water on public roads and access roads in order to minimize dust during material transportation.
	 <p>August 29, 2013 (Km157)</p>
 <p>September 4, 2013 (Km165+800)</p>	Location: Construction site and Public roads and access road Km165, Km169, Km170, Km172, Km168
	Site visit: 4, 10 and 16 September, 2013
	Description: The contractor is spraying water on public roads and access roads in order to minimize dust during material transportation.



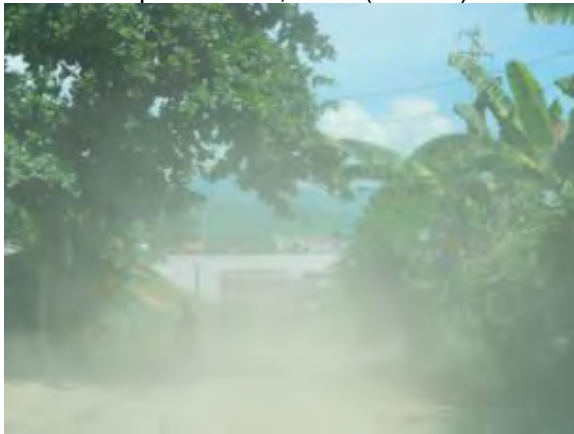
September 10, 2013 (Km169)



September 16, 2013 (Km168)



September 10, 2013 (Km166)



September 10, 2013 (Km165)

Location: Station Km165, Km166

Site visit: 20 and 29 August, 2013

Date first observed: 20th August, 2013

Problems description and cause: The Contractor's construction activities and material transportation were caused dusty at this location. This situation is caused impact to air quality.

Recommendation and Action taken by Engineer: The Engineer requested the Contractor to apply measures in order to minimize dust during construction and material transportation.

Responsible Party: Doosan Contractor

Deadline: 10-September-2013

Current status: The contractor is spraying water on public roads and access roads in order to minimize dust during material transportation.



September 16, 2013 (Km165)



September 16, 2013 (Km166)

4.1.7 Package A7



9.7.2013



13.8.2013

Location: Km209+329

Site visit: 5.6 and 9.7.2013; 13.8.2013; 17.9.2013

Date first observed: 31-Oct 2012

Problems description and cause: There is much dust on the exist road

Recommendation and Action taken by Engineer: The contractor is requested to spray water frequently in order to decrease dust concentration on the exist road

Responsible Party: GRBCC

Deadline: Daily

Current status:

In July: Improved

In August: Again not enough watering

In September: Increased watering



17.9.2013

4.1.8 Package A8



25.7.2013



22.8.2013

Location: Km242+580

Site visit: 25.6; 25.7.2013; 22.8.2013; 25.9.2013

Date first observed: 3.4.2013

Problems description and cause: There is a lot of dust on the exist road

Recommendation and Action taken by Engineer: The contractor is requested to spray water frequently (2 times/day) in order to decrease dust concentration on the exist road

Responsible Party:

Deadline: Daily

Current status: The contractor has mobilized the watering trucks to spray water



4.2 IMPACT ON WATER RESOURCES

As Annex 2.2, there are the results of the water quality monitoring carried out during the period of this quarterly report.

4.2.1 Package A1

By observations during site inspections in this period, we have not found any serious problem that arises from construction activity of the project affecting the water resources quality.


4.2.2 Package A2

By observations during site inspections in this period, we have not found any serious problem that arises from construction activity of the project affecting the water resources quality.

4.2.3 Package A3

	Location: Km53+150
	Site visit: 04, 08, 11, 15, 18, 25/7; 07, 14, 21, 28/8/2013; 04,10,11,18,24,25/9/2013
	Date first observed: 15/5/2013
	Problems description and cause: Soil has been slid into local irrigation canal
	Recommendation and Action taken by Engineer: The Contractor must remove all spoils to approved disposal

 <p>14/8/2013</p>	Responsible Party: Posco Contractor
	Deadline: In July and August: 10/6/2013 In September: 10/9/2013
 <p>25/9/2013</p>	Current status: Not improved

 <p>08/07/2013</p>	Location: CBP's D (Km55)
	Site visit: 04, 08, 11, 15, 18, 25/7; 07, 14, 21, 28/8/2013; 04,10,11,18,24,25/9/2013
	Date first observed: 13/6/2013
	Problems description and cause: The settling pond at the CBP at km 55 was almost filled with cement slurry such that cement-laden wastewater is not adequately treated.
	Recommendation and Action taken by Engineer: Undertake dredging the settling pond to ensure efficient volume to treat waste-water. Prohibit discharging wastewater into the environment without treatment.

	Responsible Party: POSCO
11/7/2013	Deadline: Immediately
	
11/7/2013	14/8/2013
	
24/9/2013	24/9/2013

4.2.4 Package A4

	Location: Km80+750
	Site visit: 10, 13, 17, 24, 29, 31/7; 02, 07, 08, 15, 16, 22, 29/8/2013; 02, 07, 08, 15, 16, 22, 29/8/2013
	Date first observed: 13/7/2013
Problems description and cause: Disposal area is not followed the regulation which can cause landslide when it rains.	
Recommendation and Action taken by Engineer: Warning Keangnam Contractor and Viet Bac Unit about disposing soil without Consultant's approval. Refer to GET2-KEA-A4-1004, GET2-KEA-A4-1014	
Responsible Party:	
Deadline: 20/7/2013	
Current status: Not improved	
	

	Location: CBP's Tan Thanh
24/7/2013	Site visit: 10,13,17, 24, 29, 31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 24/6/2013
	Problems description and cause: The settling pond at the CBP in km 55 was noted almost filled with cement slurry such that cement-laden wastewater is not adequately treated.
22/8/2013	
	Recommendation and Action taken by Engineer: Undertake dredging of settling pond to ensure efficiency and to avoid spill-overs. Prohibit discharge of untreated wastewater into the environment. Ensure proper disposal of dredged slurry to avoid impacts to water resources and damage to land resources.
24/9/2013	
	Responsible Party: POSCO
	Deadline: Daily
	Current status: improved

 <p>17/7/2013</p>	Location: Ngoi Van Bridge
	Site visit: 10,13,17,24,29,31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 11/10/2012
	Problems description and cause: Disposal area is not followed the regulation which can cause landslide when it rains.
	Recommendation and Action taken by Engineer: Restore the riverbank by removing accumulated soil from construction works and stabilize disturbed riverbank slope.
 <p>07/8/2013</p>	Responsible Party:
	Deadline: 15/7/2013
 <p>24/9/2013</p>	Current status: Not improved

4.2.5 Package A5

	Location: CBP in km 145+300 (CBP No.4)
	Site visit: 22 June, 11 July, 2, 9, 27 August, 2013; 16 September, 2013
	Date first observed: 22 nd June, 2013
	Problems description and cause: At the CBP km 145+300 (CBP No.4), the canal that conveys wastewater to the settling pond has been completely filled-up.
	Recommendation and Action taken by Engineer: The Contractor must implement the tasks as follows (For all CBPs in package A5): 1. Undertake dredging of settling pond to ensure efficiency and to avoid spill-overs. Ensure that the canal to the settling pond is free from obstruction; 2. Prohibit discharging the untreated wastewater into the environment; 3. Ensure proper disposal of dredged slurry to avoid impacts to water resources and damage to land resources (e.g., agricultural land, etc.)
	Responsible Party: Keangnam Contractor
	Deadline: Immediate
	Current status: Not yet implemented.
	



September 16, 2013 (CBP Km 145+300)



September 16, 2013 (CBP Km 145+300)



July 11, 2013



August 9, 2013

Location: Batching plant No.3, Km145

Site visit: 22 Jun and 11 Jul, 2, 9, 27 August,

Date first observed: 22nd June, 2013

Problems description and cause: The settling pond at the CBP in km 145 (CBP No.3) is almost full.

Recommendation and Action taken by Engineer: The Contractor must implement the tasks as follows (For all CBP in A5): 1. Undertake dredging of settling pond to ensure efficiency and to avoid spill-overs. Ensure that the canal leading waste-water to the settling pond is free from obstruction; 2. Prohibit discharging of untreated wastewater into the environment; 3. Ensure proper disposal of dredged slurry to avoid impacts to water resources and damage to land resources (e.g., agricultural land, etc.)

Responsible Party: Keangnam Contractor

Deadline: Immediate



August 27, 2013

Current status:

In July: Not yet implemented

In August: The Contractor has already dredged the settling pond and ensure the canal to the settling pond to be free from obstruction.

4.2.6 Package A6



July 18, 2013 (Km165)



July 18, 2013 (Km186+720)

Location: Batching plants Km180, Km165, tunnel construction site Km186+720

Site visit: 4 and 18 July, 2013

Description: The trap basins in order to treat waste water at batching plants, tunnel construction site.



July 4, 2013 (Km180)



August 1, 2013 (Km180)



August 13, 2013 (Km184)

Location: Batching plants Km180, Km165,

Site visit: 1 and 13 August, 2013

Description: The trap basins in order to to treat waste water at batching plants, tunnel construction site.



August 13, 2013 (Km180)



September 4, 2013 (CBP Km184)

Location: Batching plants Km180, Km165, Km184

Site visit: 4 and 10 September, 2013

Description: The trap basins in order to to treat waste water at batching plants, tunnel construction site.



September 10, 2013 (CBP Km165)



September 10, 2013 (CBP Km180)

4.2.7 Package A7



11.6.2013



9.7.2013

Location: Km193+379

Site visit: 28.5; 11.6 and 9.7.2013

Date first observed: 28.5.2013

Problems description and cause: The contractor dumped soil near water source. This affected water quality


Recommendation and Action taken by Engineer: Required the contractor to remove the soil and to ensure slope and plant grass to avoid erosion and landslide.

Responsible Party: GRBCC

Deadline: 31.5.2013


Current status: The contractor had made the flow unblocked, but has not yet removed the soil nor planted the grass in order to prevent the erosion and landslide, that happens when heavy rains



	Location: Km214+678
	Site visit: 6.8.2013
	Date first observed: 6.8.2013
	Problems description and cause: The exist road had been broken. The flow is obstructed
	Recommendation and Action taken by Engineer: Required the contractor to repair the exist road and unblock the flow
	Responsible Party: GRBCC
	Deadline: 15.8.2013
	Current status: The contractor unblocked the flow and repaired the existing road

	Location: Worker camps at Km209+800
	Site visit: 13.8.2013
	Date first observed: 13.8.2013
	Problems description and cause: There is not any rubbish bin in the workes' camp and there is not any septic tank in the toilet
	Recommendation and Action taken by Engineer: The contractor is required to provide the rubbish bin and septic tanks for toilet. This can affect the water source around.
	Responsible Party: GRBCC
	Deadline: 20.9.2013
<p>13.8.2013</p>	Current status: The contractor has not yet

	<p>provided the rubbish bin and septic tank for toilet</p>
<p>10.9.2013</p>  <p>24.9.2013</p>	

4.2.8 Package A8


 <p>17.7.2013</p>	<p>Location: Suoi Nhu concrete batching plant Km218+040</p>
	<p>Site visit: 25.6 and 17.7.2013; 15.8.2013; 17.9.2013</p>
	<p>Date first observed: 15.3.2013</p>
	<p>Problems description and cause: The wastewater of CBP is not guided into settling pond before discharging surrounding water source</p> <p>Recommendation and Action taken by Engineer: The contractor has to clean the pond and remove the sediments, as well as to</p>

 <p>15.8.2013</p>	prepare a canal to collect waters into the pond
	Responsible Party: Deadline: Immediately
 <p>17.9.2013</p>	Current status: The contractor had cleared the pond and prepared a rudimentary canal

The construction activities at Ngoi Bo Bridge, Km238+265, have already been finished, so the CBP is not operating any more.

4.3 IMPACT ON SOILS QUALITY

4.3.1 Package A1

 <p>July 09, 2013 (Xuan Phuong Bridge)</p>	Location: Tan Loi Bridge, Xuan Phuong Bridge
	Site visit: 2, 9, 19, 25 July; 13, 16, 20, 26, 28 August; 10, 13, 17, 24 September
	Date first observed:
	Problems description and cause: due to the unsuitable working methods, the riversides were undermined and this caused landslide on them.
	Recommendation and Action taken by



July 09, 2013 (Tan Loi Bridge)



August 28, 2013 (Xuan Phuong Bridge)



August 28, 2013 (Tan Loi Bridge)



Engineer:

In July: Request the Contractor to submit the plan to restore these areas through the letter GET/POS/A1/196, 204, 2016, 2091

In August: Having reviewed, the Engineer already approved the restoration plans of the Contractor and requested the Contractor to comply with the schedules in restoration plans. Refer to letter GET/POS/A1/219

In September: Having reviewed, the Engineer already approved the restoration plans of the Contractor and requested the Contractor to comply with the schedules in restoration plans. Refer to letter GET/POS/A1/219; GET/MISC/361, 363

Responsible Party: Contractor

Deadline:

In July: 08-May-2013

In August: After finish structure works

Current status:

In July: The Contractor has resubmitted revised restoration plans and the Engineer is considering the technical methods (version 02)

In August: Restoration work has not been carried out





In September: Restoration work has not been carried out



September 17, 2013 (Xuan Phuong Bridge)

September 17, 2013 (Tan Loi Bridge)

4.3.2 Package A2

	<p>Location: Km 42+400 ~ Km 44+900</p>
<p>July 18, 2013</p>	<p>Site visit: 3, 10, 18, 25 July; 8, 13, 15, 22, 28 August; 13, 17, 24 September</p>
	<p>Date first observed: 05-June-2013</p>
<p>July 25, 2013</p>	<p>Problems description and cause: Uncontrolled erosion leaded sediment into croplands and damaged the crop of local people</p> <p>Recommendation and Action taken by Engineer: Apply erosion and sediment control measures; contact local people and authority to negotiate to compensate for the damaged assets and restore affected areas. Refer to letter GET1/POS/A2/2090, 2101, 2176, GET/MISC/361, 363</p>
	<p>Responsible Party: Contractor</p>
<p>August 13, 2013</p>	<p>Deadline: 30-July-2013</p>
	<p>Current status: Mitigation measures have not been implemented</p>
	
	<p>September 13, 2013</p>

	
August 28, 2013	

4.3.3 Package A3

	Location: Km56+800
	Site visit: 04, 08, 11, 15, 18, 25/7;
	Date first observed: 11/4/2013
	Problems description and cause: Rice field has been damaged due to erosion of soil from embankment slopes.
	Recommendation and Action taken by Engineer: Coordinate with affected households and local authorities to expedite compensation for damages caused by construction activities. Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land. Implement slope stabilization measures to minimize erosion. Provide drainage/ditch reinforcements (e.g., sandbags and/or other appropriate measures) to avoid spill-over of surface run-off onto surrounding agricultural land.
	Responsible Party: POSCO
11/7/2013	
Deadline: 15/7/2013	Current status: The Contractor agreed with local affected people for compensation and has

	made the payment already.
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 <p>11/7/2013</p>	Location: Km53+150
	Site visit: 04, 08, 11, 15, 18, 25/7/2013; 07, 14, 21, 28/8/2013; 04,10,11,18,24,25/9/2013
	Date first observed: 03/5/2013
	Problems description and cause: Rice field has been damaged due to erosion of soil from embankment slopes.
	Recommendation and Action taken by Engineer: Coordinate with affected households and local authorities to expedite compensation for damages caused by construction activities. Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land. Implement slope stabilization measures to minimize erosion. Provide drainage/ditch reinforcements (e.g., sandbags and/or other appropriate measures) to avoid spill-over of surface run-off onto surrounding agricultural land.
 <p>21/8/2013</p>	Responsible Party: POSCO
	Deadline: 15/7/2013
 <p>25/9/2013</p>	Current status: The Contractor has made payment for local people but didn't provide drainage/ditch reinforcements to avoid spill-over of surface run-off onto surrounding agricultural land.

 <p>04/7/2013</p>  <p>14/8/2013</p>  <p>10/9/2013</p>	Location: Km61+400
	Site visit: 07, 14, 21, 28/8/2013; 04,10,11,18,24,25/9/2013
	Date first observed: 11/4/2013
	Problems description and cause: Agricultural lands have been damaged due to erosion of soil from road embankment slopes.
	Recommendation and Action taken by Engineer: Closely coordinate with affected HH and local authorities to expedite compensation for damages caused by construction activities. Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land. Implement slope stabilization measures to minimize erosion. Provide drainage/ditch reinforcements (e.g., sandbags and/or other appropriate measures) to avoid spill-over of surface run-off onto surrounding agricultural land.
	Responsible Party: POSCO
	Deadline: 15/7/2013
	Current status: Not improved

4.3.4 Package A4

	Location: Ngoi Gianh Bridge
17/7/2013	Site visit: 10, 13, 17, 24, 29, 31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 24/6/2013
07/8/2013	Problems description and cause: Waste mud was overflowed to drainage canal of local people
	Recommendation and Action taken by Engineer: Require Contractor to remove all mud in drainage canal to disposal area approved by Engineer. Refer to GET2-KEA-A4-1201, 1245
24/9/2013	Responsible Party: KEANGNAM
	Deadline: 15/7/2013
	Current status: improved, until finish the civil works and start the restoration works

4.3.5 Package A5

	Location: Construction site Km131+130
	Site visit: 22 Jun, 11 Jul, 2, 9, 27 August, 16 September, 2013
	Date first observed: 22 nd June, 2013
<p>July 11, 2013</p>	Problems description and cause: From the embankment where more than 100 drums of bitumen drums are placed, leaks/spills of bitumen have spread onto the embankment slope and adjacent land. The bitumen was used for waterproofing the underpass structure at km 131+130
	Recommendation and Action taken by Engineer: The Engineer required the Contractor to implement the tasks as follows: <ol style="list-style-type: none"> 1. Remove spilled bitumen and properly dispose contaminated soil. Place bitumen drums in adequately protected areas such that these are not exposed to the elements and leaks/spills are avoided; 2. Stop repeating similar case;
	Responsible Party: Keangnam Contractor
	Deadline: 20-Apr-2013
	Current status: <p>In July: No important changes done</p> <p>In August: The Contractor removed spilled bitumen and dispose contaminated soil, Beside, the Contractor applying measure in order to avoid bitumen leaks (bitumen tanks were put in iron tanks). But these measures are not enough, the Engineer still seen spilled bitumen at this location though site visit on 29th August, 2013.</p> <p>In September: The Contractor removed spilled bitumen and disposed contaminated soil. Besides, the Contractor also removed all</p>



August 9, 2013



August 27, 2013

bitument tanks to Km117.















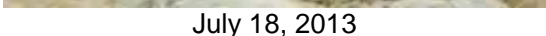





August 9, 2013



September 16, 2013 (Km131+130)

4.3.6 Package A6

	Location: Tunnel Construction site Km186+200
	Site visit: 4 and 18 July, 2013
	Date first observed: 4 th July, 2013
	Problems description and cause: Fuel control is not performed well. This situation cause the leak of oil and soil pollution.
	Recommendation and Action taken by Engineer: The Engineer required the Contractor to improve fuel control at this location, at the same time, the Engineer also provided the instruction for this issues through the letter Ref. GET3-DOOSAN-12-A6-300.
	Responsible Party: Doosan Contractor
	Deadline: 12-July-2013
	Current status: Mitigation measure has been implemented by the Contractor.
	
	
	
	
	
	
	
	
	
	
	
	
	
	

 <p>August 13, 2013</p>  <p>August 20, 2013</p>  <p>September 10, 2013 (Km166+900)</p>	<p>Location: Km166+900</p>
	<p>Site visit: 13 and 20 August, 10 September</p>
	<p>Date first observed: 13th August, 2013</p>
	<p>Problems description and cause: Fuel control is not well performed. this situation is caused the leak of oil and soil pollution.</p>
	<p>Recommendation and Action taken by Engineer: The Engineer required the Contractor to improve fuel control at this location, at the same time, the Engineer also provided the instruction for this issues through the letter Ref. GET3-DOOSAN-12-A6-300.</p>
	<p>Responsible Party: Doosan Contractor</p>
	<p>Deadline: 20-August-2013</p>
	<p>Current status:</p> <p>In Aug.: Not yet implemented</p> <p>In Sep.: The Contractor improved fuel control at this location.</p>

4.3.7 Package A7



16.7.2013



26.8.2013



17.9.2013

Location: Store place Km197+080

Site visit: 21.6; 16.7 and 6.8.2013;
26.8.2013; 17.9.2013

Date first observed: 8.1.2013

Problems description and cause: Oil and waste oil tanks are put directly on the ground. This can affect soil quality

Recommendation and Action taken by Engineer: Required the contractor to keep oil tanks and waste oil tanks on the concrete floor inside store.

Responsible Party: GRBCC

Deadline: 15.1.2013

Current status:

In July: The contractor has not yet improved

In August: Improved

In September: Improved but not as required by Consultant



16.7.2013



26.8.2013



17.9.2013

Location: Store place Km209+329

Site visit: 16.7 and 6.8.2013; 26.8.2013; 17.9.2013

Date first observed: 4.3.2013

Problems description and cause: Oil and waste oil tanks are put directly on the ground. This can affect soil quality

Recommendation and Action taken by Engineer: Required the contractor to keep oil tanks and waste oil tanks on the concrete floor inside store.

Responsible Party: GRBCC





Deadline: 15.3.2013

Current status:

In July and August: The contractor has not yet improved

In September: On September 18th, 2013, the contractor sent to ST4 the letter N^o: Ref. GRBCC-GETINSA-A7-1731 issued "Inform about removing concrete batching plant at Km209+300", Actually in this place, there is not any construction team and these oil tanks are empty so the contractor proposed not to continue using these tanks. Anyway, Contractor has to remove them as the whole installation

	Location: Store place Km213+100
<p>16.7.2013</p>	Site visit: 21.6; 16.7 and 6.8.2013; 26.8.2013; 17.9.2013
	Date first observed: 21.6.2013
<p>6.8.2013</p>	Problems description and cause: Oil and waste oil tanks are put directly on the ground. This can affect soil quality
	Recommendation and Action taken by Engineer: Required the contractor to keep oil tanks and waste oil tanks on the concrete floor inside store.
<p>26.8.2013</p>	Responsible Party: GRBCC
	Deadline: 15.7.2013
	Current status:
<p>17.9.2013</p>	In July and August: The contractor has not yet improved
	In September: Improved but not as required by Consultant

	Location: Store place Km203+000
16.7.2013	Site visit: 21.6; and 16.7.2013; 6.8.2013; 26.8.2013; 17.9.2013
	Date first observed: 21.6.2013
26.8.2013	Problems description and cause: Oil and waste oil tanks are put directly on the ground. This can affect soil quality
	Recommendation and Action taken by Engineer: Required the contractor to keep oil tanks and waste oil tanks on the concrete floor inside store.
17.9.2013	Responsible Party: GRBCC
	Deadline: 15.7.2013
17.9.2013	<p>Current status:</p> <p>In July and August: The contractor has not yet improved</p> <p>In September: The contractor is improving this issue but the improvement is not as required by Consultant</p>

4.3.8 Package A8

	Location: Store place oil and waste oil Km228+000
<p>17.7.2013</p> 	Site visit: 17.7 and 8.8.2013; 28.8.2013; 18.9.2013
<p>8.8.2013</p> 	Date first observed: 21.6.2013
<p>28.8.2013</p> 	Problems description and cause: Oil and waste oil tanks are put directly on the ground, this can affect soil quality Recommendation and Action taken by Engineer: Required the contractor to put oil and waste oil tanks inside the store with floor concreted.
<p>18.9.2013</p> 	Responsible Party:
<p>18.9.2013</p> 	Deadline: 15.7.2013
<p>18.9.2013</p> 	Current status:
<p>18.9.2013</p> 	In July: Not improved
<p>18.9.2013</p> 	In August and September: The contractor has improved this issue

	Location: Store place oil and waste oil Km244+155
	Site visit: 17.7 and 8.8.2013; 28.8.2013; 18.9.2013
	Date first observed: 21.6.2013
	Problems description and cause: Oil and waste oil tanks are put directly on the ground, this can affect soil quality
	Recommendation and Action taken by Engineer: Required the contractor to put oil and waste oil tanks inside the store with floor concreted.
	Responsible Party:
	Deadline: 15.7.2013
	<p>Current status:</p> <p>In July and August: The contractor has not yet improved</p> <p>In September: Contractor has improved this issue but not as required by Consultant.</p> <p>An enclosure was built, with concrete bricks, and provided with a plastic roof, around the tank, which still remains half buried</p>

4.4 NOISE AND VIBRATION LEVELS

As Annex 2.3 there are included the results of the noise and vibration levels monitored during the period of this quarterly report.

4.4.1 Package A1

By environmental monitoring in this period, we have perceived that the construction work does not cause the noise exceeding the standard at the sensitive areas.

4.4.2 Package A2

By environmental monitoring in this period, we have perceived that the construction work does not cause the noise exceeding the standard at the sensitive areas.

4.4.3 Package A3

Results of noise and vibration monitored levels in this quarter, which were carried out by Green Environment Engineering Joint Stock Company once per month, are showed in tables in Annex 2.3. Noise measuring results are compared with QCVN 26:2010/BTNMT - National Technical Regulations on noise in these tables.

4.4.4 Package A4

Results of noise and vibration monitored levels in this quarter, which were carried out by Green Environment Engineering Joint Stock Company once per month, are showed in tables in Annex 2.3. Noise measuring results are compared with QCVN 26:2010/BTNMT - National Technical Regulations on noise in these tables.

4.4.5 Package A5

In this quarter, the Consultant found that the Contractor's construction activities have not caused serious effects of noise and vibration to the surrounding areas.

The construction activities and operation of the batching plants and transportation of raw materials during the period from 10 pm to 7 am were also minimized by the Contractor.

4.4.6 Package A6

In this quarter, the Consultant found that the Contractor's construction activities have not caused serious effects of noise and vibration to the surrounding areas.

To ensure the requirements of the project, the Consultant has frequently required the Contractor to comply with the Method Statement and the Environment Control Plan to prevent adverse impacts of noise to the surrounding areas.

4.4.7 Package A7

The construction of road base operations, transportation of materials can also cause impacts on noise and vibration but the impacts are appraised to be acceptable and in accordance with standards noise and vibration levels.

In this quarter, Contractor decided not carry out environmental monitoring and analysis, despite the Consultant required to continue these activities. Thus, they did not have any result for this report.

4.4.8 Package A8

Currently the batching plants of some bridge such as: Suoi Trat Bridge, IC18 Bridge Bridge did not cause any impact on noisy and vibration because the location of construction of the bridge away from residential areas and sensitive areas.




However the concrete batching plant of Suoi Nhu Km218+040 is too near house of local people, so consultant required the contractor no operation the concrete batching plan at night time to avoid effect about noising and vibrations for citizens.

In addition, the construction of road base operations, transportation of materials can also cause impacts on noise and vibration but the impacts are appraised to be acceptable and in accordance with standards noise and vibration levels. However, the consultant always reminds the contractor to limit even forbid construction activities to create noisy and violence in the early morning, noontime or middle night.

Result of the Contractor noise and vibration level monitoring (carried out by Green Environment Engineering Joint Stock Company in August 2013) showed in annex 2.


4.5 STREAMS AND RIVERSIDES MAINTENANCE

4.5.1 Package A1

	Location: Tan Loi Bridge, Xuan Phuong Bridge
	Site visit: 2, 9 , 19, 25 July; 13, 16, 20, 26, 28 August; 10, 13, 17, 24 September
	Date first observed:
<p>July 09, 2013 (Xuan Phuong Bridge)</p>	Problems description and cause: due to the unsuitable working methods, the riversides were undermined and this caused landslide on them.
<p>July 09, 2013 (Tan Loi Bridge)</p>	Recommendation and Action taken by Engineer:
<p>August 28, 2013 (Xuan Phuong Bridge)</p>	In July: Request the Contractor to submit the plan to restore these areas through the letter GET/POS/A1/196, 204, 2016, 2091
	In August: Having reviewed, the Engineer already approved the restoration plans of the Contractor and requested the Contractor to comply with the schedules in restoration plans. Refer to letter GET/POS/A1/219
	In September: Having reviewed, the Engineer already approved the restoration plans of the Contractor and requested the Contractor to comply with the schedules in restoration plans. Refer to letter GET/POS/A1/219; GET/MISC/361, 363
	Responsible Party: Contractor
	Deadline:
	In July: 08-May-2013
	In August: After finish structure works
	Current status:
	In July: The Contractor has resubmitted revised restoration plans and the Engineer is considering the technical methods (version 02)

	<p>In August: Restoration work has not been carried out</p> <p>In September: Restoration work has not been carried out</p>
<p>August 28, 2013 (Tan Loi Bridge)</p>	 <p>September 17, 2013 (Tan Loi Bridge)</p>
 <p>September 17, 2013 (Xuan Phuong Bridge)</p>	

4.5.2 Package A2

	<p>Location: Muong Dao Bridge</p> <p>Site visit: 3, 10, 18, 23, 25 July; 13, 15, 22, 28 August; 13, 17, 24 September</p> <p>Date first observed: 24-Oct-2012</p> <p>Problems description and cause: Streams are blocked by sedimentation and obstructions from project</p> <p>Recommendation and Action taken by Engineer:</p> <p>In July: Comply with the approved restoration plan. Refer to letter GET1/POS/A2/1873, 1907 The Engineer also requested the Contractor to install more temporary pipe culverts to ensure</p>
<p>July 23, 2013</p>	



July 18, 2013



August 28, 2013



August 28, 2013



water flow when it rains in this area

In August and September: The Engineer has requested the Contractor to remove all the sediment to ensure the water flow in this area

Responsible Party: Contractor

Deadline:

In July: 25-Jun-2013

In August: 08-Sep-2013

Current status:

In July: The Contractor has removed temporary stream crossing with pipe culverts to ensure water flow during heavy rain

In August and September: Mitigation measure has not been implemented



September 17, 2013

September 17, 2013	
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 <p>July 25, 2013</p>  <p>July 25, 2013</p>  <p>August 22, 2013</p>	Location: Ben Gao Bridge
	Site visit: 3, 10, 18, 25 July; 13, 15, 22, 28 August; 13, 17, 24 September
	Date first observed: 26-Feb-2013
	Problems description and cause: Water flow and riverside are being impacted due to the Contractor excavated the soil on riverside to construct the temporary river crossing together with installing unsuitable temporary pipe culverts
	Recommendation and Action taken by Engineer: Comply with approved restoration plan. Refer to letter GET1/POS/A2/1873, 1907, 2118; GET/MISC/361, 363
	Responsible Party: Contractor
	Deadline: 29-Jun-2013
	Current status: The obstructions have not been removed completely from river bed
	 <p>September 13, 2013</p>



August 22, 2013



July 04, 2013



July 25, 2013

Location: Km 30+500 ~ Km 30+900 and Km 42+400 ~ Km 42+720

Site visit: 3, 4, 8, 10, 18, 25, 29 July; 13, 15, 22, 28 August; 13, 17, 24 September

Date first observed: 08-June-2013

Problems description and cause: Drainage system is being blocked due to erosion and sedimentation

Recommendation and Action taken by Engineer: Apply the erosion and sedimentation control measures; restore and maintain drainage system onsite. Refer to letter GET1/POS/A2/2002; GET/MISC/361, 363

Responsible Party: Contractor

Deadline: 17-Jun-2013

Current status: Mitigation measures have not been applied



August 22, 2013



September 13, 2013





August 22, 2013





September 13, 2013

4.5.3 Package A3


	Location: Km53+150
11/7/2013	Site visit: 04, 08, 11, 15, 18, 25/7; 07, 14, 21, 28/8/2013; 04,10,11,18,24,25/9/2013
	Date first observed: 11/4/2013
14/8/2013	Problems description and cause: Soil has been slid into local rice field
	Recommendation and Action taken by Engineer: The Contractor must remove all spoils into approved disposals
	Responsible Party: Posco Contractor
	Deadline: 30/5/2013
	Current status: Not improved
	
	25/9/2013

4.5.4 Package A4


	Location: Ngoi Gianh Bridge
17/7/2013	Site visit: 10, 13, 17, 24, 29, 31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 23/6/2013
22/8/2013	Problems description and cause: Excavation works for Ngoi Gianh bridge construction resulted to formation of steep slopes along the riverbank and A section of the existing stone masonry along the river embankment was removed due to excavation works for pile construction.
	Recommendation and Action taken by Engineer: Reduce slope gradient to minimize erosion into the river. Remove soil/fill materials that are not necessary for access to areas where pile construction is on-going and Undertake full restoration of stone masonry.
24/9/2013	Responsible Party:
	Deadline: 15/7/2013
	Current status: improved

	Location: Ngoi Van Bridge
	Site visit: 10,13,17,24,29,31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
17/7/2013	Date first observed: 11/10/2012
	Problems description and cause: Disposal area is not followed the regulation which can cause landslide when it rains
	Recommendation and Action taken by Engineer: Restore the riverbank by removing accumulated soil from construction works and stabilize disturbed slope of riverbank.
	Responsible Party:
	Deadline: 15/7/2013
	Current status: Not improved
	
	24/9/2013

4.5.5 Package A5

	<p>Location: Ngoi Thia bridge's construction site</p>
	<p>Site visit: 22 June and 11 July, 2 August</p>
	<p>Date first observed: 22nd Jun, 2013</p>
	<p>Problems description and cause: At Ngoi Thia bridge's construction site, the flow of the river was impacted by the Contractor's construction activities.</p>
<p>June 22, 2013</p>	<p>Recommendation and Action taken by Engineer: The Engineer pointed out this problem and requested the Contractor to implement measures through the letters: Ref. Ref. GET3-KEANGNAM-13-A5-291, Require the Contractor to apply measures in order to keep the Project's environment at Ngoi Thia bridge's construction site</p>
<p>July 11, 2013</p>	<p>Responsible Party: Keangnam Contractor</p>
	<p>Deadline: 30-June-2013</p>
<p>August 2, 2013</p>	<p>Current status: Mitigation measure has been implemented by the Contractor in July 2013.</p>

 <p>August 2, 2013</p>  <p>August 16, 2013</p>	Location: Ngoi Gua bridge's construction site
	Site visit: 2 and 16 August, 2013
	Date first observed: 2 nd Aug, 2013
	Problems description and cause: At Ngoi Gua bridge's construction site, the flow of the river was impacted by the Contractor's construction activities.
	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to implement the tasks as follows: <ol style="list-style-type: none"> 1.Remove excavated soil from the stream/riverbed at Ngoi Gua bridge site; 2.Undertake regular clearing of the channel section affected by construction; 3.Undertake restoration of channel/stream.
	Responsible Party: Keangnam Contractor
	Deadline: 15-August-2013
	Current status: Not yet implemented

 <p>September 3, 2013 (Ngoi Rao bridge)</p>	Location: Ngoi Rao bridge's construction site
	Site visit: 3 and 13 September, 2013
	Date first observed: 3 rd September, 2013
	Problems description and cause: At Ngoi Rao bridge's construction site, the flow of the river was impacted by the Contractor's construction activities.



September 13, 2013 (Ngoi Rao bridge)

Recommendation and Action taken by

Engineer: The Engineer requested the Contractor to implement the tasks as follows:

- 1.Remove excavated soil from the stream/riverbed at Ngoi Gua bridge site;
- 2.Undertake regular clearing of the channel section affected by construction;
- 3.Undertake restoration of channel/stream.

Responsible Party: Keangnam Contractor

Deadline: 13 September, 2013

Current status: Not yet implemented

4.5.6 Package A6



July 12, 2013 (Lang Nhay bridge)



July 12, 2013 (Suoi Quan bridge)

Location: Lang Nhay, Suoi Quan, Ngoi cong bridge's construction site.

Site visit: 12 and 26 July;

Problems description and cause: The Contractor installed pipe culvert in order to ensure the water flow of the stream during construction.



July 26, 2013 (Ngoi Cong bridge)

 <p>August 6, 2013 (Ngoi Chac bridge)</p>  <p>August 13, 2013 (Ngoi Rom bridge)</p>	<p>Location: Ngoi Chac, Ngoi Rom bridge's construction site.</p> <p>Site visit: 6 and 13 August, 2013</p> <p>Problems description and cause: The Contractor installed pipe culvert in order to ensure the water flow of the stream during construction.</p>
 <p>June 22, 2013 (Lang Lau bridge)</p>	<p>Location: Lang Lau bridge's construction site</p> <p>Site visit: 16 Sep., 2013</p> <p>Date first observed: 22nd June, 2013</p> <p>Problems description and cause: At Lang Lau bridge's construction site, excavated soil from on-going bridge works has partially obstructed the flow to nearby agricultural fields.</p> <p>Recommendation and Action taken by Engineer: The Engineer requested the Contractor to implement the tasks as follows: 1.Remove excavated soil from the stream/riverbed at Lang Lau bridge site; 2.Undertake regular clearing of the channel section affected by construction;</p>



September 16, 2013 (Lang Lau bridge)

3.Undertake restoration of channel/stream.

Responsible Party: Doosan Contractor

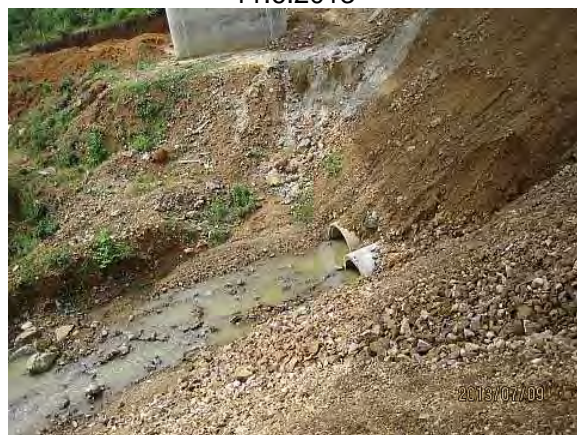
Deadline: 30-June-2013

Current status: Mitigation measure has been implemented by the Contractor.

4.5.7 Package A7



11.6.2013



9.7.2013

Location: Km193+379

Site visit: 28.5; 11.6 and 9.7.2013

Date first observed: 28.5.2013

Problems description and cause: The contractor dumped soil near water source. This obstructs water flow and affects stream and riverside maintenance

Recommendation and Action taken by Engineer: The contractors are required to clean to ensure flow rates and plant grass to stream and riverside maintenance

Responsible Party: GRBCC



Deadline: 31.5.2013

Current status: The contractor had make clear the flow rate, but not yet plant the grass in order to prevent the erosion and landslide

	Location: Km214+678
	Site visit: 6.8.2013
	Date first observed: 6.8.2013
	Problems description and cause: The exist road had been broken. The flow is obstructed
	Recommendation and Action taken by Engineer: Required the contractor to repair the exist road and unblock the flow
	Responsible Party: GRBCC
	Deadline: 15.8.2013
	Current status: The contractor has cleared the flow and repaired the access road

6.8.2013

6.8.2013

 <p>4.9.2013</p>	Location: Km199+050
	Site visit: 4.9 and 24.9.2013
	Date first observed: 4.9.2013
	Problems description and cause: The stream has become narrow because Contractor dumped waste soil
	Recommendation and Action taken by Engineer: Required the contractor to clear the flow and to restore the flow of stream
	Responsible Party: GRBCC
 <p>24.9.2013</p>	Deadline: 20.9.2013
	Current status: Not improved

4.5.8 Package A8

 <p>29.7.2013</p>	Location: Son Ha Bridge Km224+369
	Site visit: 29.7.2013; 12.8.2013; 6.9.2013
	Date first observed: 22.5.2013
	Problems description and cause: The canal was obstructed by earth and stone fallen during time construction works
	Recommendation and Action taken by Engineer: The contractor had requested to remove all earths and rock to avoid obstructed the canal
	Responsible Party:

 <p>12.8.2013</p>	<p>Deadline: 31.5.2013</p> <p>Current status: The contractor has not yet improved</p>  <p>6.9.2013</p>
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4.6 EROSION RISKS AND STABILITY IN SLOPES

4.6.1 Package A1

 <p>July 19, 2013</p>	<p>Location: Embankment sections</p> <p>Site visit: 2, 9, 19, 25 July; 13, 16, 20, 28 August; 10, 11, 13, 17, 24 September</p> <p>Date of first observed: 19-Jul-2013</p> <p>Problems description and cause: Heavy rains caused erosion on unprotected slopes</p> <p>Recommendation and Action taken by Engineer: Apply erosion control measures at unprotected slope areas; restore affected slopes. Refer to letter GET1/POS/A1/2101</p> <p>Responsible Party: Contractor</p> <p>Deadline: Immediate</p>
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July 19, 2013



August 26, 2013



August 28, 2013

Current status:

In July: Mitigation measures have not been implemented

In August and September: Mitigation measures are being implemented slowly






September 24, 2013



September 17, 2013

4.6.2 Package A2

	Location: Km 45+900 ~ Km 46+000
	Site visit: 3, 10, 18, 25 July;
	Date first observed: 15-Oct-2012
	Problems description and cause: The Contractor did not comply with method statement to carried out the work with upright slope that causes high risk of landslide in this area
	Recommendation and Action taken by Engineer: The Contractor has to submit the plan to restore the affected area. Refer to letter GET1/POS/A2/1849
	Responsible Party: Contractor
	Deadline: 12-Apr-2013 (immediate)
	Current status: The Contractor is exploring soil in this area for embankment work

	Location: Embankment sections
<p>July 18, 2013</p>	Site visit: 3, 4, 8, 10, 16, 18, 25, 29, 30 July; 8, 13, 15, 22, 28 August; 13, 17, 24 September
	Date first observed: 18-July-2013
	Problems description and cause: Heavy rain caused erosion on unprotected slopes
	Recommendation and Action taken by Engineer: Apply erosion control measures at unprotected slope areas; restore affected slopes. Refer to letter GET1/POS/A2/2098
	Responsible Party: Contractor
	Deadline: 20-July-2013
	Current status: Mitigation measures have not



July 18, 2013



August 13, 2013



August 13, 2013

been implemented



September 13, 2013








September 27, 2013

4.6.3 Package A3

	Location: Km53+150
11/7/2013	Site visit: 04, 08, 11, 15, 18, 25/7/2013; 07, 14, 21, 28/8/2013; 04,10,11,18,24,25/9/2013
	Date first observed: 11/4/2013
14/8/2013	Problems description and cause: Slope was seriously damaged due to heavy rains and new grass that has just been planted in recent time
	Recommendation and Action taken by Engineer: Request Contractor to ensure slope stability
	Responsible Party: Posco Contractor
	Deadline: expired during last quarter
	Current status: Not improved
	
	25/9/2013

	Location: Km54+150
11/7/2013	Site visit: 04, 08, 11, 15, 18, 25/7/2013; 07, 14, 21, 28/8/2013; 04, 10, 11, 18, 24, 25/9/2013
	Date first observed: 17/6/2013
14/8/2013	Problems description and cause: Slope was seriously damaged due to heavy rains and new grass that has just been planted in recent time
	Recommendation and Action taken by Engineer: Request Contractor to ensure slope stability
25/9/2013	Responsible Party: Posco Contractor
	Deadline: 10/7/2013
	Current status: Not improved

4.6.4 Package A4

	Location: Km 109+750
	Site visit: 10, 13, 17, 24, 29, 31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 28/3/2013
<p>28/3/2013</p>	Problems description and cause: The Slope had cracked.
	Recommendation and Action taken by Engineer: Request Contractor to plant grass on the slope to avoid erosion and reinforced slope.
<p>24/7/2013</p>	Responsible Party:
<p>07/8/2013</p>	Deadline: 28/7/2013
<p>24/9/2013</p>	Current status: The Contractor has not planted grass yet to prevent landsides and erosion in rainy season.
	

	Location: Km81+700
10/7/2013	Site visit: 10, 13, 17, 24, 29, 31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 03/4/2013
22/8/2013	Problems description and cause: Soil has been slid into drainage canal
	Recommendation and Action taken by Engineer: Require Contractor to remove all spoil to approved disposal area and improve slope.
24/9/2013	Responsible Party: Posco Contractor
24/09/2013	Deadline: 15/7/2013
	Current status: improved

	Location: Km80+750
	Site visit: 10, 13, 17, 24, 29, 31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 26/4/2013
Problems description and cause: Soil has been slid into rice field.	Recommendation and Action taken by Engineer: Require Contractor to remove all spoil to approved disposal area and improve slope. Ref. GET2-KEA-A4-1283; GET2-KEA-A4-1293
Responsible Party: Posco Contractor	Deadline: 15/7/2013
Current status: Not improved	




	Location: Km81+300
02/8/2013	Site visit: 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 26/4/2013
22/8/2013	Problems description and cause: Soil has been slid into rice field.
	Recommendation and Action taken by Engineer: Require Contractor to remove all spoil to approved disposal area and improve slope. Ref.: GET2-KEA-A4-1283 GET2-KEA-A4-1293
26/9/2013	Responsible Party: Keangnam Contractor
	Deadline: 15/7/2013
	Current status: Not improved

	Location: Km82+000
02/8/2013	Site visit: 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 26/4/2013
22/8/2013	Problems description and cause: Soil has been slid into rice field.
	Recommendation and Action taken by Engineer: Require Contractor to remove all spoil to approved disposal area and improve slope. Ref.: GET2-KEA-A4-1283; GET2-KEA-A4-1293
24/9/2013	Responsible Party: Keangnam Contractor
	Deadline: 15/7/2013
	Current status: Not improved

4.6.5 Package A5

	Location: Km128, Km111, Km124,
	Site visit: 9 and 11 July, 2013
	Description: The Contractor is planting grass at cutting slopes and embankment slopes in order to minimize erosion risks and protect slope.
<p>July 9, 2013 (Km128)</p>	
	
<p>July 9, 2013 (Km124)</p>	<p>July 11, 2013 (Km111)</p>

	Location: Km139, Km138, Km129
<p>July 9, 2013 (Km139)</p>	Site visit: 9 and 11 Jul, 2013
	Date first observed: 9-Jul-2013
	Problems description and cause: During rainy days, erosion happened at some embankment slopes.

	<p>Recommendation and Action taken by Engineer:</p> <p>The Engineer pointed out this problem and requested the Contractor to implement it through the letters:</p> <ul style="list-style-type: none"> - Ref. GET3-KEANGNAM-13-A5-504; - Ref. GET3-KEANGNAM-13-A5-584;
<p>July 11, 2013 (Km129)</p>	<p>Responsible Party: Keangnam Contractor</p>
	<p>Deadline: Immediate</p> <p>Current status: The contractor applying some measures in order to protect embankment slope: e.g. grass are planting at embankment and cutting slope, the contractor repairing damaged slope,</p>
<p>July 11, 2013</p>	
	<p>Location: Km123, Km127, Km113,</p> <p>Site visit: 7, 9, 26 August , 2013</p> <p>Description: The Contractor is planting grass at cutting slopes and embankment slopes in order to minimize erosion risks and protect slope.</p>
<p>August 7, 2013 (Km123)</p>	



August 9, 2013 (Km113)



August 26, 2013 (Km127)



June 22, 2013



July 11, 2013

Location: Km124+080

Site visit: 22 Jun, 11 Jul, 2, 9, 27 August, 2013

Date first observed: June, 2012

Problems description and cause: At station Km124+080, soil from construction site was slid into lake, to date, the spoils have not been removed.

Recommendation and Action taken by Engineer: The Contractor must implement the tasks as follows:




1. Undertake dredging of lake to remove dumped spoils.
2. Stop repeat similar case;

Responsible Party: Keangnam Contractor

Deadline: 30th July, 2013.

Current status: The Contractor combining with local authorities and local people to survey, determine filled up volume for affected households during construction site, At the same time, the Contractor is planting grass on the embankment slope at this location in order to protect slope and prevent erosion.

But, currently, dumped spoils still have not

 <p>August 2, 2013</p>	<p>been removed by the Contractor.</p>  <p>August 2, 2013</p>
 <p>August 27, 2013</p>	 <p>August 27, 2013</p>
 <p>September 3, 2013 (Km115)</p>	<p>Location: Km115, Km112, Km114, Km113,</p> <p>Site visit: 3, 13, 24 September , 2013</p> <p>Description: The Contractor is planting grass at cutting slopes and embankment slopes in order to minimize erosion risks and protect slope.</p>



September 3, 2013 (Km113)



September 13, 2013 (Km115)



September 13, 2013 (Km114)



September 24, 2013 (Km114)

4.6.6 Package A6



July 4, 2013(Km151)

Location: Km151, Km152, Km159, Km160

Site visit: 4 and 26 July, 2013

Description: The Contractor is planting grass at cutting slopes and embankment slopes in order to minimize erosion risks and protect slope.



July 4, 2013 (Km151)



July 4, 2013 (Km152)



July 26, 2013 (Km159)



July 26, 2013 (Km160)



July 4, 2013 (Km154)

Location: Km154, Km155, Km176

Site visit: 4 and 26 Jul, 2013

Date first observed: 4-Jul-2013




Problems description and cause: During rainy days, erosion happened at some embankment slopes.

Recommendation and Action taken by Engineer:

The Engineer pointed out this problem and requested the Contractor to implement it through the letters:

- Ref. GET3-DOOSAN-13-A6-416;
- Ref. GET3-DOOSAN-13-A6-456;

Responsible Party: Doosan Contractor

	<p>Deadline: Immediate</p>
	<p>Current status: The contractor is applying some measures in order to protect embankment slope: e.g. grass is being planted at embankment and cutting slopes, to protect and repair these damaged slopes or in risk of erosion</p>
<p>July 4, 2013 (Km155)</p>	
	<p>Location: Km151, Km154, Km155, Km165</p>
<p>August 1, 2013(Km154)</p>	<p>Site visit: 1, 6, 20 and 29 August, 2013</p>
	<p>Description: The Contractor is planting grass at cutting slopes and embankment slopes in order to minimize erosion risks and protect slope.</p>



August 1, 2013 (Km151)



August 6, 2013 (Km155)



August 20, 2013 (Km152)



August 29, 2013 (Km165)



September 4, 2013 (Km161)

Location: Km161, Km154, Km153, Km151, Km174

Site visit: 4, 10, 16 and 25 September, 2013

Description: The Contractor is planting grass at cutting slopes and embankment slopes in order to minimize erosion risks and protect slope.



September 10, 2013 (Km151)



September 16, 2013 (Km153)



September 16, 2013 (Km154)



September 25, 2013 (Km174)

4.6.7 Package A7



16.7.2013

Location: Excavation slope Km215+200

Site visit: 16.7.2013; 13.8.2013; 10.9.2013

Date first observed: 21.5.2013

Problems description and cause:
Landside and erosion of slope happened because of heavy rains

Recommendation and Action taken by Engineer: Required the contractor to set up the safety fence and signpost around the landside and erosion areas and apply the slope protection method to overcome

 <p>13.8.2013</p>  <p>10.9.2013</p>	as soon as possibility.
	Responsible Party: GRBCC
	Deadline: As soon as possible
	<p>Current status: The contractor coordinates with client and consultant to make methods statement to resolve the problem</p>

4.6.8 Package A8

 <p>5.7.2013</p>	Location: Excavation slope Km241+700
	Site visit: 25.6; 7.7; 8.8; 15.8
	Date first observed: 22.5.2013
	Problems description and cause: Slope had been landside and erosion due to heavy rains
	<p>Recommendation and Action taken by Engineer: Required the contractor to set up safety fence and signpost surrounding landside and erosion areas, after that apply the slope protection method to overcome as soon as possibility.</p>

 <p>8.8.2013</p>	Responsible Party:
	Deadline: As soon as possible
	<p>Current status: The contractor coordinates with client and consultant to make method statements to solve this issue</p>
 <p>15.8.2013</p>	

 <p>6.9.2013</p>	Location: Excavation slope Km228+100
	Site visit: 6.9 and 26.9.2013
	Date first observed: 22.5.2013
	Problems description and cause: Slope had been landside and erosion by heavy rains
	Recommendation and Action taken by Engineer: Required the contractor to set up safety fence and signpost surrounding landside and erosion areas, after that apply the slope protection method to overcome as soon as possibility.
	Responsible Party: Contractor
	Deadline: As soon as possible



26.9.2013

Current status: The contractor coordinates with client and consultant to make method statements to solve this issue

4.7 HAZARDOUS SUBSTANCES MANAGEMENT

4.7.1 Package A1



July 02, 2013

Location: All sections

Site visit: 2, 9, 19, 25 July;

Current status: During the site inspection we didn't detect any serious problem regarding to hazardous substance management



July 02, 2013

During the site inspections in August and September, we have not detected any serious problem regarding to the hazardous substance management.

4.7.2 Package A2





During the site inspections in July and August, we have not detected any serious problem regarding to the hazardous substances management.

 <p>September 13, 2013</p>  <p>September 17, 2013</p>	Location: Km 35+500
	Site visit: 13, 17, 24 September
	Date first observed: 13-Sep-2013
	Problems description and cause: Oil tank is located onsite without any protection measure such as roof, anti-spillage secondary container
	Recommendation and Action taken by Engineer: Local oil tank on concreted ground and in anti-spillage container and under the roof as well
	Responsible Party: Contractor
Deadline: 20-Sep-2013	
Current status: Mitigation measures have not been implemented	




4.7.3 Package A3

	Location: Km55+250
11/7/2013	Site visit: 04, 08, 11, 15, 18, 25/7/2013; 07, 14, 21, 28/8/2013; 04,10,11,18,24,25/9/2013
	Date first observed: 13/6/2013
07/8/2013	Problems description and cause: Oil and waste oil barrels were not located in prescribed places
	Recommendation and Action taken by Engineer: Place fuel/oil drums (including empty ones) in upright position in an area with impermeable floor, bund and roof.
25/9/2013	Responsible Party: POSCO
	Deadline: Immediately
	Current status: Not improved

4.7.4 Package A4

	Location: Ngoi Lao bridge
<p>24/6/2013</p>	Site visit: 10, 13, 17, 24, 29, 31/7/2013; 07, 14, 21, 28/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 24/6/2013
<p>10/7/2013</p>	Problems description and cause: Oil and waste oil barrels were not located in prescribed places
	Recommendation and Action taken by Engineer: Place fuel/oil drums (including empty ones) in upright position in an area with impermeable floor, bund and roof.
<p>22/8/2013</p>	Responsible Party:
	Deadline: 15/7/2013
	Current status: In July: improved In August and September: Not improved
	
	<p>24/9/2013</p>

4.7.5 Package A5

	Location: Construction site Km131+130
	Site visit: 22 Jun, 11 Jul, 2, 9, 27 August, 16 September, 2013
	Date first observed: 22 nd June, 2013
	Problems description and cause: From the embankment where more than 100 drums of bitumen drums are placed, leaks/spills of bitumen have spread onto the embankment slope and adjacent land. The bitumen was used for waterproofing the underpass structure at km 131+130
	Recommendation and Action taken by Engineer: The Engineer required the Contractor to implement the tasks as follows: 1. Remove spilled bitumen and properly dispose contaminated soil. Place bitumen drums in adequately protected areas such that these are not exposed to the elements and leaks/spills are avoided; 2. Stop repeating similar case;
	Responsible Party: Keangnam Contractor
	Deadline: 20-Apr-2013
	Current status: In July: No important changes done In August: The Contractor removed the spilled bitumen and disposed the contaminated soil. Beside, the Contractor is applying measure in order to avoid bitumen leaks (bitumen tanks were put in iron tanks). But these measures are not enough, the Engineer has still seen the spilled bitumen at this location though site visit on 29 th August, 2013. In September: The Contractor removed spilled bitumen and dispose contaminated soil. Besides, the Contractor also removed all

	bitument tanks to Km117.
	<div data-bbox="816 436 1390 867">  </div> <div data-bbox="914 867 1289 898"> August 27, 2013 (Km131+130) </div>
<div data-bbox="289 1073 711 1100"> September 16, 2013 (Km131+130) </div>	

4.7.6 Package A6

	<div data-bbox="784 1287 1370 1318"> Location: Tunnel Construction site Km186+200 </div> <div data-bbox="784 1346 1154 1377"> Site visit: 4 and 18 July, 2013 </div> <div data-bbox="784 1404 1203 1436"> Date first observed: 4th July,2013 </div> <div data-bbox="784 1463 1377 1581"> Problems description and cause: Fuel control is not performed well. this situation is caused the leak of oil and soil pollution. </div>
<div data-bbox="410 1640 558 1671"> July 4, 2013 </div>	



Recommendation and Action taken by

Engineer: The Engineer required the Contractor to improve fuel control at this location, at the same time, the Engineer also provided the instruction for this issues through the letter Ref. GET3-DOOSAN-12-A6-300.

Responsible Party: Doosan Contractor

Deadline: 12-July-2013

Current status: Mitigation measure has been implemented by the Contractor.

**Location:** Km166+900

Site visit: 13 and 20 August, 2013; 10 September

Date first observed: 13th August, 2013

Problems description and cause: Fuel control is not well performed. this situation is caused the leak of oil and soil pollution.


Recommendation and Action taken by

Engineer: The Engineer required the Contractor to improve fuel control at this location, at the same time, the Engineer also provided the instruction for this issues through the letter Ref. GET3-DOOSAN-12-A6-300.

Responsible Party: Doosan Contractor

	Deadline: 20-August-2013
<p>August 20, 2013</p>  <p>September 10, 2013 (Km166+900)</p>	<p>Current status:</p> <p>In Aug.: Not yet implemented</p> <p>In Sep.: The Contractor improved fuel control at this location.</p>

4.7.7 Package A7

 <p>2013/07/16</p> <p>16.7.2013</p>	Location: Store place Km197+080
	Site visit: 16.7 and 6.8.2013; 26.8.2013; 17.9.2013
	Date first observed: 8.1.2013
	Problems description and cause: Oil and waste oil tanks are put directly on the ground, this can affect soil quality
	<p>Recommendation and Action taken by Engineer: Required the contractor to keep oil and waste oil tanks in store with floor concreted.</p> <p>Responsible Party: GRBCC</p>



6.8.2013



26.8.2013

Deadline: 15.1.2013

Current status:

In July: The contractor has not yet improved

In August: Improved

In September: The contractor has improved this issue but not as required by Consultant



17.9.2013



16.7.2013

Location: Store place Km209+329

Site visit: 16.7 and 6.8.2013; 26.8.2013; 17.9.2013

Date first observed: 4.3.2013

Problems description and cause: Oil and waste oil tanks are put directly on the ground, this can affect soil quality

Recommendation and Action taken by Engineer: Required the contractor to keep oil and waste oil tanks in store with floor concreted.

Responsible Party: GRBCC

Deadline: 15.3.2013

Current status:

In July and August: The contractor has



6.8.2013



26.8.2013

not yet improved

In September: On September 18th, 2013, the contractor sent to ST4 letter No: Ref. GRBCC- GETINSA- A7- 1731 issued "Inform about removing concrete batching plant at Km209+300", Actually in this place, there is not any construction team and these oil tanks are empty. Thus the contractor proposed not to continue using these tanks.



17.9.2013



16.7.2013

Location: Store place Km213+100

Site visit: 16.7 and 6.8.2013; 26.8.2013; 17.9.2013

Date first observed: 21.6.2013

Problems description and cause: Oil and waste oil tanks are put directly on the ground, this can affect soil quality


Recommendation and Action taken by Engineer: Required the contractor to keep oil and waste oil tanks in store with floor concreted.

Responsible Party: GRBCC

Deadline: 15.7.2013

Current status:

	<p>In July and August: The contractor has not yet improved</p> <p>In September: The Contractor has improved this issue but not as required by Consultant</p>
<p>6.8.2013</p>	
	
<p>26.8.2013</p>	<p>17.9.2013</p>

	<p>Location: Store place Km203+000</p>
	<p>Site visit: 16.7.2013; 26.8.2013; 17.9.2013</p>
	<p>Date first observed: 21.6.2013</p>
	<p>Problems description and cause: Oil and waste oil tanks are put directly on the ground, this can affect soil quality</p>
	<p>Recommendation and Action taken by Engineer: Required the contractor to keep oil and waste oil tanks in store with floor concreted.</p>
	<p>Responsible Party: GRBCC</p>
<p>16.7.2013</p>	<p>Deadline: 15.7.2013</p>
	<p>Current status: In July and August: The contractor has not</p>



26.8.2013



17.9.2013

yet improved this issue

In September: The Contractor has improved this issue but not as required by Consultant

4.7.8 Package A8



17.7.2013

Location: Store place oil and waste oil
Km228+000

Site visit: 17.7; 8.8; and 28.8.2013; 18.9.2013

Date first observed: 21.6.2013

Problems description and cause: Oil and waste oil tanks are put directly on the ground. This can affect soil quality

Recommendation and Action taken by Engineer: Required the contractor to put oil and waste oil tanks inside store with floor concreted.

Responsible Party: Contractor

Deadline: 15.7.2013



8.8.2013



28.8.2013

Current status:

In July: Not improved

In August and September: The contractor had improved



18.9.2013



17.7.2013

Location: Store place oil and waste oil
Km244+155

Site visit: 17.7 and 8.8.2013; 28.8.2013;
18.9.2013

Date first observed: 21.6.2013

Problems description and cause: Oil and
waste oil tanks are put directly on the ground.
This can affect soil quality

**Recommendation and Action taken by
Engineer:** Required the contractor to put oil
and waste oil tanks inside store with floor
concreted.

Responsible Party: Contractor

Deadline: 15.7.2013



8.8.2013



28.8.2013

Current status:

In July and August: The contractor has not yet improved

In September: The Contractor has improved this issue but not as required by Consultant




18.9.2013

4.8 UNSUITABLE MATERIAL DISPOSALS AND BORROW PITS

4.8.1 Package A1

In July, through the site inspections, we did not detect any problem regarding to unsuitable material disposal. It's also noted that there is no borrow pit submitted by the Contractor during this month.

	Location: Km 21+200
<p>August 13, 2013</p>	Site visit: 13, 16, 20, 22, 28 August; 10, 11, 13, 17, 24 September
	Date first observed: 13-Aug-2013
<p>August 26, 2013</p>	Problems description and cause: Failure asphalt concrete is disposed on slopes
	Recommendation and Action taken by Engineer: The Engineer already requested the Contractor to remove all the failure asphalt concrete to approved disposal place. Refer to letter GET1/POS/A1/2147
	Responsible Party: Contractor
	Deadline: 16-Aug-2013
	Current status: Mitigation measure has not been implemented
	
	<p>September 11, 2013</p>

4.8.2 Package A2

By observation in the site inspections in this period, we didn't detect any problem relating to unsuitable material disposal. It's also noted that there is no borrow pit submitted by the Contractor during this month.

4.8.3 Package A3

 <p>07/08/2013</p>	Location: Km49+150
	Site visit: 04, 08, 11, 15, 18, 25/7; 07, 14, 21, 28/8/2013
 <p>07/08/2013</p>	Date first observed: 17/4/2013
	Problems description and cause: Unsuitable materials are discharged at unapproved disposal area beside irrigation canal. When it rains, this can cause landslide and affect the water flow of irrigation canal
 <p>07/08/2013</p>	Recommendation and Action taken by Engineer: GET2-POS-A3-1764
	Responsible Party: Posco
	Deadline: 25/7/2013
	Current status: Not improved
 <p>04/9/2013</p>	Location: Red river bridge
	Site visit: 04,10,11,18,24,25/9/2013
 <p>04/9/2013</p>	Date first observed: 04/9/2013
	Problems description and cause: the Contractor did not discharge waste materials at the regulated disposal area
 <p>04/9/2013</p>	Recommendation and Action taken by Engineer: GET2-POS-A3-1764
	Responsible Party: Posco
	Deadline: 25/7/2013
	Current status: Not improved

 <p>18/9/2013</p>	
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4.8.4 Package A4

 <p>27/6/2013</p>	<p>Location: Ngoi Lao Bridge</p> <p>Site visit: 10,13,17,24,29,31/7/2013;</p> <p>Date first observed: 28/3/2013</p> <p>Problems description and cause: Disposal area is not followed the regulation which can cause landslide when it rains.</p> <p>Recommendation and Action taken by Engineer: GET2-KEA-A4-909</p>
 <p>24/7/2013</p>	<p>Responsible Party:</p> <p>Deadline: 10/7/2013</p> <p>Current status: Not implemented</p>

 <p>13/7/2013</p>	Location: Km80+750
	Site visit: 10, 13, 17, 24, 29, 31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 29/2/2013
	Problems description and cause: Disposal area is not followed the regulation which can cause landslide when it rains
	Recommendation and Action taken by Engineer: GET2-KEA-A4-1014
 <p>22/8/2013</p>	Responsible Party:
	Deadline: 10/7/2013
 <p>11/9/2013</p>	Current status: Not improved

4.8.5 Package A5

	<p>Location: Disposal areas Km128; Km126, Km127</p>
	<p>Site visit: 9 and 11 July, 2013</p>
	<p>Description: There was no serious problem of environment and safety from the disposal areas approved by the Consultant.</p>
<p>July 9, 2013 (Km128)</p>	 <p>July 11, 2013 (Km127)</p>
<p>July 9, 2013 (Km126)</p>	
	<p>Location: Disposal areas Km148, Km127, Km126</p>
<p>August 27, 2013 (Km148)</p>	<p>Site visit: 2 and 27 August, 2013</p>
	<p>Description: There was no serious problem of environment and safety from the disposal areas approved by the Consultant.</p>



August 2, 2013 (Km127)



August 2, 2013 (Km126)



September 3, 2013 (Km148)



September 13, 2013 (Km126)

Location: Disposal areas Km148, Km126,

Site visit: 3 and 13 September, 2013

Description: There was no serious problem of environment and safety from the disposal areas which were approved by the Consultant.

4.8.6 Package A6

	<p>Location: Disposal areas Km155, Km154, Km156</p>
<p>July 18, 2013 (Km155)</p>  <p>July 18, 2013 (Km154)</p>	<p>Site visit: 18 and 26 July, 2013</p> <p>Description: There were no serious environmental or safety problems related with the disposal areas approved by the Consultant.</p>  <p>July 26, 2013 (Km156)</p>
 <p>August 6, 2013 (Km160)</p>	<p>Location: Disposal areas Km160, Km159</p> <p>Site visit: 6 and 13 August, 2013</p> <p>Description: There were no serious environmental or safety problems related with the disposal areas approved by the Consultant.</p>



August 13, 2013 (Km159)



June 22, 2013



June 28, 2013

Location: Km166+860

Site visit: 22 and 28 June, 12 July; 29 August; 16 September, 2013

Date first observed: 22nd June, 2013

Problems description and cause: At station Km166+860, unsuitable material was dumped onto the riverbed, this disposal area was not approved by the Engineer. This situation may cause impact to water flow and water quality of the river.

Recommendation and Action taken by Engineer: The Engineer requested the Contractor to implement the tasks as follows: 1. Stop disposal of unsuitable soil at km 166+860; 2. Remove dumped unsuitable soil and transfer to approved disposal site; 3. Prepare a plan to restore the section of the riverbed and embankment that have been damaged due to unauthorized disposal and submit plan to PSC for approval; 4. Undertake restoration works; 5. Stop repeat dumping unsuitable soil to unapproved sites.

Responsible Party: Doosan Contractor

Deadline: 15-July-2013

Current status: The Contractor is applying some measures as follows:
1. Stop discharging the unsuitable soil at this location;
2. Undertake restoration works: Make the slope



July 12, 2013



July 12, 2013



August 29, 2013

to be lower; Planting grass and trees at this location in order to protect slope;

3. Combine with local people and local authorities in order to make Approval letter for this disposal area;

Because, there were some storms (storm No.5, No.6 and No.7), therefore, the Contractor did not remove the dumped unsuitable soil with Target date (mentioned in the ADB's instructions included in the Memorandum of Understanding (final conclusions) referred to the ADB mission conducted on 23rd June, 2013).

The Contractor have already submitted Report on assessment of environmental impact for disposal area at km 166+680R (package A6) (referring to the Contractor's letter No.DHIC-13-SET-045). Annex 2 – Report.

The Contractor will apply measures in order to protect environmental issues at this location, as the plan:

- Working plan: 15 days
- Start time: 1st September, 2013
- Finished time: 15th September, 2013






September 16, 2013 (Km166+860)


4.8.7 Package A7


	<p>Location: Km209+800</p>
<p>23.7.2013</p>	<p>Site visit: 23.7, 10.9; 24.9 and 01.10.2013</p>
	<p>Date first observed: By December 25. 2012,a first small disposal 20 meters far from the riverbank. The new big disposal was detected at the beginning of September 2013. Previous months, Contractor proceeded to dump small amounts of soil without permission</p>
<p>17.9.2013</p>	<p>Problems description and cause: The local people and local authority agreed with the contractor to dump soil at this location in order to protect and restore the farmland, however the contractor had dumped overflow into red river. Consultant only approved the first action and was not informed about the extension of the works. This affects the flow rate and lead to erosion and landslide</p>
	<p>Recommendation and Action taken by Engineer: By letters No: Ref. Get4- GRBCC-979 and Ref. Get4- GRBCC-988 on 11 and 24-September 2013, Engineer requested the contractor to removed and makes the restoration plan for this spoil disposal</p>
<p>24.9.2013</p>	<p>Responsible Party: GRBCC</p>
	<p>Deadline: To begin the total removal of the disposal, October 31st 2013</p>
	<p>Current status: The contractor had submitted the document of the acceptance of Bao Yen district people committee about this waste disposal, but the contractor did not yet begin to remove the soil</p>

	Location: Km195+500
	Site visit: 21.6; 16.7; 6, 26.8; 4,10,17,24.9.2013
	Date first observed: 15.5.2013
<p>16.7.2013</p> <p>6.8.2013</p> <p>26.8.2013</p>	Problems description and cause: The contractor dumped unsuitable soil inside Red river in an unauthorized disposal. This action can affect the flow rate and lead to erosion and landside
	Recommendation and Action taken by Engineer: The contractor was required to submit the documents related to waste disposal and to plant grass in order to avoid erosion and landside, before removal.
	Responsible Party: GRBCC
	Deadline: 31.10.2013
	Current status: In July: The contractor has not yet performed according to consultant's instructions. In August: The contractor has completed the study of waste disposal situation and it was already submitted to the Client. In September: The Contractor has planted grass to protect the slope of this unauthorized disposal area.
	 <p>17.9.2013</p>

	Location: Km190+420
16.7.2013	Site visit: 21.6; 16.7; 6, 26.8; 4,10,17,24.9.2013
	Date first observed: 15.5.2013
	Problems description and cause: The contractor dumped unsuitable soil on Red riverbank in an unauthorized disposal. This action can affect the flow rate and lead to erosion and landslide
	Recommendation and Action taken by Engineer: The contractor was required to submit the documents related to waste disposal and to plant grass in order to avoid erosion and landslide into the riverbed, until the total removal of the soil from the river bank and surroundings.
6.8.2013	Also, this situation affects to engineering issues related with the stability of the pier, so, the way to solve this matter has to be coordinated with structural engineers.
	Consultant had issued several letters to the contractor concerning on this area such as: Get4 – GRBCC – 952; 979 and GET – GUA – 107; 112; 116; 119; 125
26.8.2013	Responsible Party: GRBCC
	Deadline: 31.10.2013

 <p>17.9.2013</p>	<p>Current status:</p> <p>In July: The contractor has not yet performed according to consultant's instructions.</p> <p>In August: The contractor has completed the study of waste disposal situation and it was already submitted to the Client.</p> <p>In September: The contractor had planted grass to protect the slope.</p>
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 <p>10.9.2013</p>	<p>Location: Km208+890</p>
	<p>Site visit: 10.9; 24.9 and 01.10.2013</p>
 <p>10.9.2013</p>	<p>Date first observed: 10.9.2013</p>
	<p>Problems description and cause: The contractor dumping earth near water source and have not approved by Engineers</p>
	<p>Recommendation and Action taken by Engineer: The contractor was required to provide the documents related to waste disposal and to plant grass to avoid erosion and landside into riverbed, before removal. Consultant had issued several letters to the contractor such as: Get4- GRBCC- 979 and Get4- GRBCC- 988</p>
	<p>Responsible Party: GRBCC</p>
	<p>Deadline: 20.9.2013</p>
	<p>Current status: Not yet removed</p>



	
1.10.2013	

4.8.8 Package A8

	Location: Km242-Km243
25.6.2013	Site visit: 25.6 and 25.7.2013; 25.8.2013
	Date first observed: 22.5.2013
25.7.2013	Problems description and cause: The contractor dumped soil on the embankment, beside the local road. This disposal area was not approved by Consultant.
	Recommendation and Action taken by Engineer: Required the contractor to present the documents and to ensure slope stability and plant grass to avoid erosion and landside.
	Responsible Party: Contractor
	Deadline: already exceeded
	Current status: The contractor has not yet performed according to consultant instructions.




 <p>22.8.2013</p>	Location: Km231+100
 <p>28.8.2013</p>	Site visit: 22.8 and 28.8.2013, 18.9.2013
	Date first observed: 22.8.2013
	Problems description and cause: The contractor dumping earth in place, which has not been approved by Engineers
	Recommendation and Action taken by Engineer: The contractor was required to submit the documents related to this waste disposal and to plant grass to avoid erosion and landside
	Responsible Party: Contractor
	Deadline: 31.8.2013

 <p>6.9.2013</p>	<p>Current status: The contractor has not yet deployed according to consultant's instructions.</p>  <p>18.9.2013</p>
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4.9 WASTE AND CLEANLINESS ON SITE

4.9.1 Package A1

 <p>July 09, 2013</p>	<p>Location: Trung Kien Bridge</p>
	<p>Site visit: 2, 9, 19, 25 July; 13, 20, 26, 28 August; 10, 13, 17, 24 September</p>
	<p>Date first observed:</p> <p>In July: 09-Apr-2013</p> <p>In August: 20-Aug-2013</p>
	<p>Problems description and cause:</p> <p>In July: Construction site is dirty and untidy with trash and material</p> <p>In August: Due to the flooding in this area, construction site becomes dirty and untidy with trash and material</p>
	<p>Recommendation and Action taken by Engineer:</p> <p>In July: The Engineer has orally requested the Contractor to rearrange the construction</p>



July 09, 2013



August 20, 2013



August 20, 2013



site to keep it in tidy and cleanliness condition. Refer to letter GET1/POS/A1/1900, 1920, 1993, 2016, 2091

In August: The Engineer has orally requested the Contractor to rearrange the construction site to keep it in tidy and cleanliness condition.

Responsible Party: Contractor

Deadline: Immediate

Current status:

In July: The Contractor is cleaning and rearrange material to keep the site in cleanliness and sanitary condition; however, the improvement is inadequate

In August: Mitigation measure is being implemented

In September: Mitigation measure has been implemented



September 25, 2013

September 12, 2013

4.9.2 Package A2



July 25, 2013



July 25, 2013

Location: TL309 Bridge

Site visit: 3, 10, 18, 25 July;

Date first observed: 29-May-2013

Problems description and cause:

Construction site is untidy and dirt was tracked onto public road

Recommendation and Action taken by

Engineer: The Engineer has requested the Contractor to rearrange this area and clean public road to keep the site in cleanliness and tidiness condition. Refer to letter GET1/POS/A2/2021, 2090, 2116

Responsible Party: Contractor

Deadline: 29-May-2013 (immediate)

Current status: Mitigation measure has been implemented

	Location: TL306II Bridge
<p>August 28, 2013</p>	Site visit: 13, 22, 28 August; 13, 17, 24 September
	Date first observed: 28-Aug-2013
<p>August 28, 2013</p>	Problems description and cause: Construction site is untidy and dirt was tracked onto public road
	Recommendation and Action taken by Engineer: The Engineer has orally requested the Contractor to rearrange this area and clean public road to keep the site in cleanliness and tidiness condition.
<p>September 13, 2013</p>	Responsible Party: Contractor
	Deadline: In Aug: 29-Aug-2013 In Sep: 13-Sep-2013
	Current status: Mitigation measure has been implemented

4.9.3 Package A3

 <p>11/7/2013</p>	Location: Km53+100
	Site visit: 04, 08, 11, 15, 18, 25/7; 07, 14, 21, 28/8/2013
 <p>14/8/2013</p>	Date first observed: 17/6/2013
	Problems description and cause: A lot of rubbish was discharged near site
	Recommendation and Action taken by Engineer: Request Contractor to clean rubbish on site
	Responsible Party:
	Deadline: 30/6/2013
	Current status: Not improved



 <p>04/9/2013</p>	Location: Red river bridge
	Site visit: 04,10,11,18,24,25/9/2013
	Date first observed: 04/9/2013
	Problems description and cause: A lot of mud was discharged near site
	Recommendation and Action taken by Engineer: Request Contractor to clean mud on site
	Responsible Party:
	Deadline: Immediately
	Current status: Not improved



4.9.4 Package A4

 <p>29/7/2013</p>	Location: TL321C Bridge
	Site visit: 10, 13, 17, 24, 29, 31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 08/5/2013
	Problems description and cause: Access road was full of mud when it rained
	Recommendation and Action taken by Engineer: Request Contractor to clean all mud to ensure safe travel when it rains
	Responsible Party:
 <p>07/8/2013</p>	Deadline: 10/7/2013
	Current status: Not improved 

	24/9/2013
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 <p>05/9/2013</p>	Location: Ngoi Lao Bridge
	Site visit: 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 08/5/2013
	Problems description and cause: Access road was full of mud when it rained
	Recommendation and Action taken by Engineer: Request Contractor to clean all mud to ensure safe travel when it rains
	Responsible Party: Keangnam
 <p>24/9/2013</p>	Deadline: 25/9/2013
	Current status: Not improved

4.9.5 Package A5

 <p>July 11, 2013 (Km114)</p>  <p>July 26, 2013 (Km128)</p>	<p>Location: Km114, Km128, Km127</p>
	<p>Site visit: 9, 11 and 26 July, 2013</p>
	<p>Description: Construction site is tidy and clean</p>
	 <p>July 9, 2013 (Km127)</p>
 <p>August 2, 2013 (Km123)</p>	<p>Location: Km123, Km115, Km110</p>
	<p>Site visit: 2 and 7 August, 2013</p>
	<p>Description: Construction site is tidy and clean</p>



August 7, 2013 (Km115)



August 7, 2013 (Km110)



June 22, 2013



July 11, 2013

Location: Ngoi Gua bridge site

Site visit: 22 Jun, 11 Jul, 2 and 9 Aug, 16 September, 2013

Date first observed: 22nd June, 2013

Problems description and cause: The workers camp at km 128 (Ngoi Gua bridge site) is garbage strewn (no bins). Construction materials are also unorganized posing safety risks.

Recommendation and Action taken by Engineer: The Contractor must implement the tasks as follows: 1. Implement good housekeeping practices; 2. Build sanitary toilets at all the workers camps; 3. Provide fire-extinguishers, first aid kits, dustbins at all the workers camps;

Responsible Party: Keangnam Contractor

Deadline: Immediate



August 2, 2013



August 2, 2013



August 2, 2013

Current status:

In July and August: No important changes done

In September: The Contractor cleared at this location and arrange construction material. But, Sanitary toilets, fire-extinguishers, first aid kits, dustbins still have not been provided at this camp,



August 2, 2013



September 16, 2013 (Km131+130)

	Location: Km138, Km139, Km114
	Site visit: 20 and 24 September, 2013
	Description: Construction site is tidy and clean
	
<p>September 20, 2013 (Km140)</p> <p>September 24, 2013 (Km139)</p>	

4.9.6 Package A6

	Location: Construction site Km155, Km157, Km159, Km154
	Site visit: 12, 18 and 26 July, 2013
	Description: Construction site is tidy and clean
	
	July 12, 2013 (Km159)
	July 12, 2013 (Km157)
	July 18, 2013 (Km156)
	
	July 26, 2013 (Km155)

	Location: The worker's camp at Lang Nhay bridge's construction site Km182+164
	Site visit: 12 and 18 July, 1 and 13 August,
<p>July 12, 2013</p>	Date first observed: 12 th July 2013
	Problems description and cause: The workers' camps at Lang Nhay bridge's construction site Km182+164, this camp has not been maintained in good condition by the Contractor (e.g. 1. Rubbish is not collected in order to treat; 2. Lack of dustbin, first-aid kits, 3. The workers' camps are dirty).
<p>July 18, 2013</p>	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to improve living and working condition at this camp.
	Responsible Party: Doosan Contractor
<p>August 1, 2013</p>	Deadline: 18-July-2013
	Current status: No improvement seen
	
	<p>August 13, 2013</p>

	Location: Construction site Km176, Km184, Km166, Km152
	Site visit: 1, 13 and 20 August, 2013
	Description: Construction site is tidy and clean
<p>August 1, 2013 (Km176)</p> <p>August 13, 2013 (Km175)</p> <p>August 20, 2013 (Km166)</p>	 <p>August 13, 2013 (Km184)</p>  <p>August 20, 2013</p>



September 4, 2013 (Km158)



September 10, 2013 (Ngoi That bridge)



September 25, 2013 (Km155)

Location: Construction site Km158, Km157, Km155, Km171, Ngoi Tha bridge's construction site

Site visit: 4, 10 and 25 September, 2013

Description: Construction site is tidy and clean



September 10, 2013 (Km157)



September 25, 2013 (Km171)

	Location: The worker's camp at Km165+600
<p>August 1, 2013 (Km165+600)</p>	Site visit: 1 and 13 August, 2013
	Date first observed: 1 st August 2013
<p>August 13, 2013 (Km165+600)</p>	Problems description and cause: The workers' camps Km165+600, this camp has not been maintained in good condition by the Contractor (e.g. 1. Rubbish is not collected in order to treat; 2. Lack of dustbins, first-aid kits, 3. The workers' camps are dirty).
	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to improve living and working condition at this camp.
<p>September 10, 2013 (Km165+600)</p>	Responsible Party: Doosan Contractor
	Deadline: 10-August-2013
	Current status: The Contractor have got some actions in order to improve living and working condition at this camp. <ul style="list-style-type: none"> - Worker's camp has been cleaned; - Fire-extinguishers, first aid kits have been provided;
	 <p>September 10, 2013 (Km165+600)</p>



September 4, 2013 (Ngoi Chac bridge)



September 4, 2013 (Ngoi Chac bridge)



September 25, 2013 (Ngoi Chac bridge)

Location: The worker's camp at Ngoi Chac bridge

Site visit: 4 and 25 September, 2013

Date first observed: 4th September, 2013

Problems description and cause: Working and living condition of this camp are not good. Construction materials are also unorganized posing safety risks.

Recommendation and Action taken by Engineer: The Engineer requested the Contractor to implement the tasks as follows:

- + Improve working and living condition at these workers camps;
- + Implement good housekeeping practices;
- + Build sanitary toilets at all the workers camps;
- + Provide fire-extinguishers, first aid kits, dustbins at all the workers camps;

Responsible Party: Doosan Contractor



Deadline: 25-September-2013

Current status: The Contractor have got some actions in order to improve living and working condition at this camp.

- Worker's camp has been cleaned;
- Construction materials have been arranged;



4.9.7 Package A7

 <p>11.6.2013</p>	Location: Cam Con Bridge Km214+678
 <p>2.7.2013</p>	Site visit: 11.6; 2.7 and 23.7.2013; 6.8.2013
Date first observed: 9.5.2013 Problems description and cause: The construction works are not tidy and there is a lot of rubbish on site	Recommendation and Action taken by Engineer: Require the contractor to arrange the construction work, collect and classify rubbish according to regulation
Responsible Party: GRBCC	Deadline: 20.6.2013
Current status: So far the contractor didn't collect and transfer the rubbish to treatment area according to regulations	



23.7.2013



6.8.2013



21.6.2013



16.7.2013

Location: CBP Tan Tien Bridge Km209+329

Site visit: 16.7 and 6.8.2013; 26.8.2013; 17.9.2013

Date first observed: 21.6.2013

Problems description and cause: The drainage/canal leading to the settling pond at the CBP Tan Tien bridge was noted almost filled with cement slurry

Recommendation and Action taken by Engineer: Require the contractor to Undertake dredging of settling pond and canal to ensure efficiency and to avoid spill-over

Responsible Party: GRBCC

Deadline: 15.7.2013

Current status:

In July and August: So far the contractor did not clear the canal to ensure efficiency and to avoid spill-over

In September: So far the contractor did not clear the canal to ensure efficiency and to avoid spill-over. On September 18th, 2013, the contractor sent to ST4 letter N^o: Ref. GRBCC- GETINSA- A7- 1731 issued "Inform about removing concrete batching plant at



6.8.2013



26.8.2013

Km209+300", Actually in this place, there is not any construction team and the contractor proposed not to continue using this concrete batching plant.



17.9.2013

4.9.8 Package A8



25.7.2013

Location: Son Hai Bridge Km227+065

Site visit: 25.7.2013; 15.8.2013; 18.9.2013



Date first observed: 29.5.2013

Problems description and cause: The construction works are not tidy and there is much rubbish on site

Recommendation and Action taken by Engineer: Require the contractor to arrange the construction work, collect and classify rubbish according to regulation

Responsible Party:

 <p>15.8.2013</p>	Deadline: 15.6.2013
	Current status: Not yet improved  <p>18.9.2013</p>

 <p>21.6.2013</p>	Location: Suoi Nhu Bridge Km218+040
	Site visit: 21.6 and 17.7.2013
 <p>17.7.2013</p>	Date first observed: 21.6.2013
	Problems description and cause: The construction works are not tidy and there is much rubbish on site
	Recommendation and Action taken by Engineer: Require the contractor to arrange the construction work, collect and classify rubbish according to regulation
	Responsible Party:
	Deadline: 15.7.2013
	Current status: Had improve

4.10 BIODIVERSITY PRESERVATION

4.10.1 Package A1

In this period, during the site inspections, we did not find any serious impacts, which arise from construction activities of the project, on biodiversity preservation.

4.10.2 Package A2

In this period, during the site inspections, we did not find any serious impacts, which arise from construction activities of the project, on biodiversity preservation.

4.10.3 Package A3

In this period, according to the observations and based on the monitoring results of analysis the environmental air quality, noise and surface water in this quarter shows that ecosystems and the resident activities of the local community people around of construction area are still normally, not detected any bad impact from the construction activities on them. Until now, The Consultant has not received report about plants and animals died by machinery or vehicle operations inside the limits of construction zone or in the close surroundings.

4.10.4 Package A4

In this period, according to the observations and based on the monitoring results of analysis the environmental air quality, noise and surface water in this quarter shows that ecosystems and the resident activities of the local community people around of construction area are still normally, not detected any bad impact from the construction activities on them. Until now, The Consultant has not received report about plants and animals died by machinery or vehicle operations inside the limits of construction zone or in the close surroundings.

4.10.5 Package A5

In this period, the Contractor's major construction items were ground works (excavation, embankment, etc.) and the construction of piers and abutments for structures, so they have not arisen any serious impact on the environment and biodiversity of the area.

However, to ensure the environment of the area, the Consultant has frequently required the Contractor to comply with the Method Statement and the Environment Control Plan to prevent adverse impacts to the regional fauna and flora.

4.10.6 Package A6

In this period, the Contractor's major construction items were ground work (excavation, embankment, etc.) and the construction of piers and abutments for structures, so they have not arisen serious impacts on the environment and biodiversity of the area.

However, to ensure the environment of the area, the Consultant has frequently required the Contractor to comply with the Method Statement and the Environment Control Plan to prevent adverse impacts to the regional fauna and flora.

4.10.7 Package A7




In this period, the clearing and grubbing had finished along of package A7 from Km190+420 to Km218+040. And during construction work didn't have animal extinct or damage by construction work of the contractor, this showing in monthly report of the contractor.

4.10.8 Package A8

Up to now the activities of the Contractor didn't cause negative effect to animal and plant and biodiversity preservation in area as well as. However, consultant always reminded the contractor to apply some methods to mitigate impact to environment in general and living being particularly on the construction site.

4.11 WORKERS' CAMPS CONDITIONS

4.11.1 Package A1

 <p>07/09/2013 15:01</p> <p>June 04, 2013</p>	<p>Location: Trung Kien Bridge</p> <p>Site visit: 2, 9, 19, 25 July;</p> <p>Date first observed: 02-Apr-2012</p> <p>Problems description and cause: In July: The workers' camp is dirty with trash surrounding; lack of fire extinguishers</p> <p>Recommendation and Action taken by Engineer: Implement housekeeping at the camp in regular basis to keep the living condition of workers in cleanliness and sanitary condition. Provide first aid kit and fire extinguishers for worker's camp. Refer to letter GET1/POS/A1/1900, 1920, 1993, 2016, 2091</p> <p>Responsible Party: Contractor</p> <p>Deadline: Immediate</p> <p>Current status: In July: Mitigation measure has been implemented</p>
 <p>07/09/2013 15:01</p> <p>June 25, 2013</p>	
 <p>07/09/2013 15:14</p> <p>July 09, 2013</p>	<p>Location: Dai Duong Bridge</p> <p>Site visit: 2, 9, 19, 25 July; 13, 16, 20, 26, 28 August; 10, 13, 17, 24 September</p> <p>Date first observed: 02-Apr-2013</p> <p>Problems description and cause: The worker's camp has not been provided septic tank</p> <p>Recommendation and Action taken by Engineer:</p>



July 19, 2013



August 20, 2013



August 28, 2013

In July: The Engineer has requested the Contractor to provide septic tank for workers and implement housekeeping work in regular basis to keep the worker's camp in cleanliness and sanitary condition

In August and September: The Engineer has requested the Contractor to provide septic tank for workers and implement housekeeping work in regular basis to keep the worker's camp in cleanliness and sanitary condition. Refer to letter GET1/POS/A1/2016, 2091

Responsible Party: Contractor

Deadline: Immediate

Current status: Mitigation measure has not been implemented



September 13, 2013



September 24, 2013

4.11.2 Package A2






	Location: Ben Gao Bridge
<p>July 18, 2013</p>	Site visit: 3, 10, 18, 25 July; 13, 15, 22 August;
	Date first observed: 12-June-2013
<p>July 18, 2013</p>	Problems description and cause: Toilet with septic tank was broken due to storm and flood
	Recommendation and Action taken by Engineer: The Engineer has orally requested the Contractor to reinstall a new one for workers
<p>August 22, 2013</p>	Responsible Party: Contractor
<p>August 22, 2013</p>	Deadline: 19-June-2013
<p>August 22, 2013</p>	Current status: In July: The Contractor still has not installed the toilet for workers In August: The Contractor has finished this structure work and withdrew the workers
<p>August 22, 2013</p>	

At the end of September, the subcontractor who is carrying out construction work at I.C 6 is installing a camp to mobilize workers. The Engineer has requested the Contractor to provide enough sanitary facility for worker's camp to ensure cleanliness and healthy condition in this area.

4.11.3 Package A3

	Location: Workers' camp at TGT subcontractor (Km52+000)
<p>25/7/2013</p>	Site visit: 04, 08, 11, 15, 18, 25/7; 07, 14, 21, 28/8/2013; 04,10,11,18,24,25/9/2013
	Date first observed: 17/6/2013
	Problems description and cause: Toilet is dirty
	Recommendation and Action taken by Engineer: Request Contractor to clean toilet.
	Responsible Party:
	Deadline: Immediately
	Current status: Not improved
	
<p>14/8/2013</p>	<p>25/9/2013</p>

4.11.4 Package A4

	Location: Workers' camps at Ngoi Gianh Bridge
<p>24/7/2013</p>	Site visit: 10, 13, 17, 24, 29, 31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 07/3/2013
<p>22/8/2013</p>	Problems description and cause: A lot of rubbish at Worker' Camp.
	Recommendation and Action taken by Engineer: Request Contractor to clean rubbish at Worker' Camp.
<p>26/9/2013</p>	Responsible Party:
<p>26/9/2013</p>	Deadline: Daily
<p>26/9/2013</p>	Current status: In July and August: Not improved In September: Improved
	

4.11.5 Package A5

	Location: Ngoi Gua bridge site
	Site visit: 22 Jun, 11 Jul, 2 and 9 Aug, 16 September, 2013
	Date first observed: 22 nd June, 2013
	Problems description and cause: The workers camp at km 128 (Ngoi Gua bridge site) is garbage strewn (no bins). Construction materials are also unorganized posing safety risks.
	Recommendation and Action taken by Engineer: The Contractor must implement the tasks as follows: 1. Implement good housekeeping practices; 2. Build sanitary toilets at all the workers camps; 3. Provide fire-extinguishers, first aid kits, dustbins at all the workers camps;
	Responsible Party: Keangnam Contractor
	Deadline: Immediate
	Current status: In July and August: No important changes, except cleaning the waste on the ground In September: The Contractor cleared at this location and arrange construction material. But, Sanitary toilets, fire-extinguishers, first aid kits, dustbins still have not been provided at this camp,

June 22, 2013



July 11, 2013



August 2, 2013



September 16, 2013 (Km131+130)



September 16, 2013 (Km131+130)



July 11, 2013



August 2, 2013

4.11.6 Package A6

	Location: The worker's camp at Lang Nhay bridge's construction site Km182+164
	Site visit: 12 and 18 July, 1 and 13 August,
<p>July 12, 2013</p>	Date first observed: 12 th July 2013
	Problems description and cause: The workers' camps at Lang Nhay bridge's construction site Km182+164, this camp has not been maintained in good condition by the Contractor (e.g. 1. Rubbish is not collected in order to treat; 2. Lack of dustbins, first-aid kits, 3. The workers' camps are dirty).
	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to improve living and working condition at this camp.
	Responsible Party: Doosan Contractor
	Deadline: 18-July-2013
	Current status: No improvement seen
<p>August 1, 2013</p>	
	<p>August 13, 2013</p>

	Location: The worker's camp at Km165+600
<p>August 1, 2013 (Km165+600)</p>	Site visit: 1 and 13 August, 2013
	Date first observed: 1 st August 2013
<p>August 13, 2013 (Km165+600)</p>	Problems description and cause: The workers' camps Km165+600, this camp has not been maintained in good condition by the Contractor (e.g. 1. Rubbish is not collected in order to treat; 2. Lack of dustbins, first-aid kits, 3. The workers' camps are dirty).
	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to improve living and working condition at this camp.
<p>September 10, 2013 (Km165+600)</p>	Responsible Party: Doosan Contractor
	Deadline: 10-August-2013
<p>Current status: The Contractor have got some actions in order to improve living and working condition at this camp.</p> <ul style="list-style-type: none"> - Worker's camp has been cleaned; - Fire-extinguishers, first aid kits have been provided; 	 <p>September 10, 2013 (Km165+600)</p>

	Location: The worker's camp at Ngoi Chac bridge
	Site visit: 4 and 25 September, 2013
	Date first observed: 4 th September, 2013
	Problems description and cause: Working and living condition of this camp are not good. Construction materials are also unorganized posing safety risks.
	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to implement the tasks as follows: + Improve working and living condition at these workers camps; + Implement good housekeeping practices; + Build sanitary toilets at all the workers camps; + Provide fire-extinguishers, first aid kits, dustbins at all the workers camps;
	
September 25, 2013 (Ngoi Chac bridge)	Responsible Party: Doosan Contractor
	Deadline: 25-September-2013
	Current status: The Contractor have got some actions in order to improve living and working condition at this camp. - Worker's camp has been cleaned; - Construction materials have been arranged;



4.11.7 Package A7

	Location: Worker camps at Km209+329
<p>21.6.2013</p>	Site visit: 21.6 and 16.7.2013
	Date first observed: 21.6.2013
	Problems description and cause: There is not any rubbish bin at this workers' camp
	Recommendation and Action taken by Engineer: The contractor is required to provide the rubbish bin
	Responsible Party: GRBCC
	Deadline: 15.7.2013
	Current status: The contractor had provided the rubbish bin
<p>16.7.2013</p>	



16.7.2013



13.8.2013



13.8.2013

Location: Worker camps at Km209+800

Site visit: 13.8.2013; 10.9 and 24.9.2013

Date first observed: 13.8.2013

Problems description and cause: There is not any rubbish bin in the workers' camp and there is not any septic tank at the toilet

Recommendation and Action taken by Engineer: The contractor is required to provide the rubbish bin and septic tanks for toilet

Responsible Party: GRBCC

Deadline: 31.8.2013

Current status: The contractor has not yet provided the rubbish bin and septic tank for toilet



24.9.2013



10.9.2013

4.11.8 Package A8



25.7.2013



15.8.2013

Location: Son Hai Bridge Km227+065

Site visit: 25.7.2013; 15.8.2013; 18.9.2013

Date first observed: 29.5.2013

Problems description and cause: A lot of rubbish at Worker' Camp.

Recommendation and Action taken by Engineer: Request Contractor to clean rubbish at Worker' Camp.

Responsible Party:






Deadline: 15.6.2013




Current status: Not yet improved


 <p>18.9.2013</p>	
 <p>21.6.2013</p>  <p>17.7.2013</p>	<p>Location: Suoi Nhu Bridge Km218+040</p> <p>Site visit: 21.6 and 17.7.2013</p> <p>Date first observed: 21.6.2013</p> <p>Problems description and cause: A lot of rubbish at Worker' Camp.</p> <p>Recommendation and Action taken by Engineer: Request Contractor to clean rubbish at Worker' Camp.</p> <p>Responsible Party:</p> <p>Deadline: 15.7.2013</p> <p>Current status: Had improve</p>

4.12 LABOUR SAFETY EQUIPMENT

4.12.1 Package A1

	<p>Location: Tan Loi Bridge, Dai Duong Bridge, Xuan Phuong Bridge</p>
<p>July 09, 2013 (Xuan Phuong Bridge)</p>	<p>Site visit: 2, 9, 19, 25 July; 2, 9, 20, 28 August;</p>
	<p>Date first observed:</p> <ul style="list-style-type: none"> - Dai Duong Bridge: 02-Apr-2013 - Xuan Phuong Bridge: 02-Apr-2013 - Tan Loi Bridge: 11-June-2013
	<p>Problems description and cause: Lack of safety net under launched girders</p>
<p>July 19, 2013 (Dai Duong Bridge)</p>	<p>Recommendation and Action taken by Engineer: The Contractor has to construct the safety work ways and install the safety net under launched girder to ensure the safety for workers. Refer to letter GET1/POS/A1/1900, 1920, 1949, 2016</p>
	<p>Responsible Party: Contractor</p>
<p>July 09, 2013 (Tan Loi Bridge)</p>	<p>Deadline: Immediate</p>
	<p>Current status:</p> <p>In July: Mitigation measure has not been implemented</p> <p>In August: The Contractor has finished deck slabs of these structures</p>

 <p>August 20, 2013</p>	<p>August 28, 2013</p>
 <p>July 02, 2013</p>  <p>July 09, 2013 (Tan Loi Bridge)</p>	<p>Location: Embankment sections and Trung Kien Bridge</p> <p>Site visit: 2, 9, 19, 25 July;</p> <p>Date first observed: 04-June-2013</p> <p>Problems description and cause: Workers didn't use PPE at work</p> <p>Recommendation and Action taken by Engineer: The Engineer has requested the Contractor to ensure all the workers to use enough PPE at work. Refer to letter GET1/POS/A1/2016</p> <p>Responsible Party: Contractor</p> <p>Deadline: Immediate and daily control</p> <p>Current status: During the site inspections, we still usually detect this issue happening</p>

	Location: Embankment sections
	Site visit: 8, 13, 16, 20, 26, 28 August; 6, 10, 11, 13, 17, 24 September
	Date first observed: 04-June-2013
	Problems description and cause: Workers didn't use PPE at work
	Recommendation and Action taken by Engineer: The Engineer has requested the Contractor to ensure all the workers to use enough PPE at work. Refer to letter GET1/POS/A1/2016
	Responsible Party: Contractor
	Deadline: Immediate and daily control
	<p>Current status:</p> <p>In August: During the site inspections, at some sections we still detected this issue happening</p> <p>In September: The Contractor has provided PPE for workers</p>



September 28, 2013

4.12.2 Package A2



July 10, 2013



July 25, 2013

Location: Embankment sections and Ben Gao Bridge

Site visit: 3, 4, 10, 16, 18, 23, 25 July; 7, 8, 14, 15, 22, 28 August;

Date first observed: 12-June-2013

Problems description and cause: Workers didn't use PPE at work

Recommendation and Action taken by Engineer: Ensure all the workers to use enough PPE at work and daily control. Refer to letter GET1/POS/A2/2088, 2090, 2118



Responsible Party: Contractor

Deadline: Immediate




Current status:

In July: Mitigation measure has not been implemented


In August: Mitigation measure has been implemented


 <p>07/08/2013 08:37</p> <p>August 07, 2013</p>	 <p>14/08/2013 11:37</p> <p>August 14, 2013</p>								
 <p>09/27/2013 09:05</p> <p>September 27, 2013</p>  <p>09/27/2013 09:05</p> <p>September 27, 2013</p>	<table><tr><td>Location: Box culvert Km 30+875</td></tr><tr><td>Site visit: 6, 9, 10, 13, 17, 24, 27 September</td></tr><tr><td>Date first observed: 27-Sep-2013</td></tr><tr><td>Problems description and cause: Workers didn't use PPE at work</td></tr><tr><td>Recommendation and Action taken by Engineer: The Engineer has orally requested the Contractor to provide PPE for workers and ensure all the workers to use enough PPE at work and daily control</td></tr><tr><td>Responsible Party: Contractor</td></tr><tr><td>Deadline: Immediate and daily control</td></tr><tr><td>Current status: The Contractor has provided PPE for workers</td></tr></table>	Location: Box culvert Km 30+875	Site visit: 6, 9, 10, 13, 17, 24, 27 September	Date first observed: 27-Sep-2013	Problems description and cause: Workers didn't use PPE at work	Recommendation and Action taken by Engineer: The Engineer has orally requested the Contractor to provide PPE for workers and ensure all the workers to use enough PPE at work and daily control	Responsible Party: Contractor	Deadline: Immediate and daily control	Current status: The Contractor has provided PPE for workers
Location: Box culvert Km 30+875									
Site visit: 6, 9, 10, 13, 17, 24, 27 September									
Date first observed: 27-Sep-2013									
Problems description and cause: Workers didn't use PPE at work									
Recommendation and Action taken by Engineer: The Engineer has orally requested the Contractor to provide PPE for workers and ensure all the workers to use enough PPE at work and daily control									
Responsible Party: Contractor									
Deadline: Immediate and daily control									
Current status: The Contractor has provided PPE for workers									



4.12.3 Package A3

	<p>Location: Km52+100</p> <p>Site visit: 04, 08, 11, 15, 18, 25/7;</p> <p>Date first observed: 17/6/2013</p> <p>Problems description and cause: Workers do not use enough PPEs while working on site</p> <p>Recommendation and Action taken by Engineer: Require the subcontractor to remind and propose labour safety for workers. If any worker continues to violate the regulation, he will be fired.</p> <p>Responsible Party:</p> <p>Deadline: Daily</p> <p>Current status: improved</p>
	
	<p>Location: QL2 Bridge</p> <p>Site visit: 04, 08, 11, 15, 18, 25/7; 07, 14, 21, 28/8/2013; 04, 10, 11, 18, 24, 25/9/2013</p> <p>Date first observed: 13/6/2013</p> <p>Problems description and cause: Workers do not use enough PPEs while working on site</p> <p>Recommendation and Action taken by Engineer: Require the subcontractor to remind and propose labour safety for workers. If any worker continues to violate the regulation, he will be fired.</p>



 <p>21/8/2013</p>	Responsible Party:
	Deadline: Daily
 <p>18/9/2013</p>	Current status: Not improve


 <p>07/8/2013</p>	Location: Km49+100
	Site visit: 07, 14, 21, 28/8/2013
	Date first observed: 07/8/2013
	Problems description and cause: Workers do not use enough PPEs while working on site
	Recommendation and Action taken by Engineer: Require the subcontractor to remind and propose labour safety for workers. If any worker continues to violate the regulation, he will be fired.
Responsible Party:	
Deadline: Daily	





	<p>Current status: Not improved</p>
<p>14/8/2013</p>	

	<p>Location: Cam Phu Bridge</p>
	<p>Site visit: 04,10,11,18,24,25/9/2013</p>
	<p>Date first observed:10/9/2013</p>
	<p>Problems description and cause: Workers do not use enough PPEs while working on site</p>
	<p>Recommendation and Action taken by Engineer: Require the subcontractor to remind and propose labour safety for workers. If any worker continues to violate the regulation, he will be fired.</p>
	<p>Responsible Party: Posco</p>
	<p>Deadline: Daily</p>
	<p>Current status: Not improved</p>
<p>10/9/2013</p>	
<p>18/9/2013</p>	


4.12.4 Package A4

	Location: QL32C bridge
12/6/2013	Site visit: 10, 13, 17, 24, 29, 31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013
	Date first observed: 12/6/2013
07/8/2013	Problems description and cause: Workers do not use enough PPEs while working on site
	Recommendation and Action taken by Engineer: Require the subcontractor to remind and propose labour safety for workers. If any worker continues to violate the regulation, he will be fired.
	Responsible Party:
	Deadline: Daily
	Current status: Not improved

	Location: Ngoi Gianh bridge
13/7/2013	Site visit: 10,13,17,24,29,31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 13/7/2013
	Problems description and cause: Workers do not use enough PPEs while working on site
	Recommendation and Action taken by Engineer: Require the subcontractor to remind and propose labour safety for workers. If any worker continues to violate the regulation, he will be fired. Beside, local

	<p>children were found on site</p>
	<p>Responsible Party:</p>
	<p>Deadline: Daily</p>
 <p>07/08/2013</p>	<p>Current status: Not improved</p>  <p>26/9/2013</p>
 <p>19/9/2013</p>	

 <p>11/9/2013</p>  <p>26/9/2013</p>	Location: Km81+050
	Site visit: 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 11/9/2013
	Problems description and cause: Workers do not use enough PPEs while working on site
	Recommendation and Action taken by Engineer: Require the subcontractor to remind and propose labour safety for workers. If any worker continues to violate the regulation, he will be fired.
	Responsible Party: Keangnam
	Deadline: Daily
	Current status: Not improved

 <p>11/9/2013</p>	Location: Ngoi Van bridge
	Site visit: 05, 11, 12, 19, 24, 26/9/2013
	Date first observed:
	Problems description and cause: scaffoldings were not safe enough to use.
	Recommendation and Action taken by Engineer: The Consultant requests the Contractor to stop construction and overcome the matter of scaffoldings to ensure safety during construction process. Until you ensure the safety of scaffolding, you can continue construction. Also, the Contractor is requested to force the workers to wear labor protection during construction time.

 <p>24/9/2013</p>	<p>Responsible Party:</p> <p>Deadline: Daily</p> <p>Current status: Not improve</p>
 <p>19/9/2013</p>  <p>24/9/2013</p>	<p>Location: Dam Nang bridge</p> <p>Site visit: 05, 11, 12, 19, 24, 26/9/2013</p> <p>Date first observed: 11/9/2013</p> <p>Problems description and cause: Workers do not use enough PPEs while working on site</p> <p>Recommendation and Action taken by Engineer: Require the subcontractor to remind and propose labour safety for workers. If any worker continues to violate the regulation, he will be fired.</p> <p>Responsible Party: Keangnam</p> <p>Deadline: Daily</p> <p>Current status: Not improved</p>

4.12.5 Package A5

	<p>Location: Ngoi Gua bridge's construction site</p>
	<p>Site visit: 11 July, 27 August, 16 September, 2013</p>
	<p>Date first observed: 11th May, 2013</p>
	<p>Problems description and cause: Workers didn't use fully PPEs during working, not ensure safety.</p>
<p>June 22, 2013</p>	<p>Recommendation and Action taken by Engineer: The Engineer requested the Contractor to enhance safety in letter Ref. Ref. GET3-KEANGNAM-13-A5-386 dated 15th May, 2013 regarding to Reminding the Contractor on safety issues.</p>
<p>August 27, 2013 (Ngoi Gua bridge)</p>	<p>Responsible Party: Keangnam Contractor</p>
	<p>Deadline: 18-May-2013</p>
	<p>Current status: No improvement seen for this work.</p>
<p>September 16, 2013 (Ngoi Gua bridge)</p>	 <p>July 11, 2013</p>

	Location: Ngoi Thia bridge's construction site
<p>July 26, 2013</p>	Site visit: 26 July, 27 August, 16 September,
	Date first observed: 20 th May, 2013
<p>September 16, 2013 (Ngoi Thia bridge)</p>	Problems description and cause: Workers did not use fully PPEs during work, not ensure safety.
	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to enhance safety in letter Ref. Ref. GET3-KEANGNAM-13-A5-386 regarding to Reminding the Contractor on safety issues.
<p>September 16, 2013 (Ngoi Thia bridge)</p>	Responsible Party: Keangnam Contractor
<p>September 16, 2013 (Ngoi Thia bridge)</p>	Deadline: Immediate
<p>September 16, 2013 (Ngoi Thia bridge)</p>	Current status: Not yet implemented
	 <p>July 26, 2013</p>

	<p>Location: Ngoi Thia, Ngoi Vien, Ngoi Gua, Ngoi Buc, Ngoi Rao bridge's construction site...</p>
	<p>Site visit: 22 Jun, 11 Jul, 2, 9, 27 August, 2013</p>
	<p>Date first observed: June, 2012</p>
	<p>Problems description and cause: Most workers lack PPEs. Provisions for safe access to elevated work areas (bridge sites) are lacking.</p>
<p>June 22, 2013</p>	<p>Recommendation and Action taken by Engineer: The Contractor must implement the tasks as follows:</p>
	<ol style="list-style-type: none"> 1. Ensure that all workers are provided with PPEs and that these are worn at all times where necessary. 2. Install scaffoldings that are stable and has fall prevention provisions.
<p>August 2, 2013</p>	<p>Responsible Party: Keangnam Contractor</p>
	<p>Deadline: 15th July, 2013.</p>
	<p>Current status: No important changes done</p>
	
<p>July 11, 2013</p>	<p>July 11, 2013</p>



August 27, 2013



August 27, 2013



August 27, 2013



August 27, 2013

4.12.6 Package A6



July 4, 2013 (Ngoi That bridge)

Location: Ngoi That, Khe Chuong, Ngoi Cong bridge's construction site

Site visit: 4, 12 and 26 July, 2013



July 4, 2013 (Khe Chuong bridge)



July 12, 2013 (Khe Chuong bridge)

Description: Safety net were installed at bridge's construction site; The workers use fully PPE during work.



July 26, 2013 (Ngoi Cong bridge)



August 6, 2013

Location: Ngoi Chac bridge. Km165

Site visit: 6, 13 August, 2013

Description: Safety net were installed at bridge's construction site; The workers use fully PPE during work.



August 6, 2013



August 13, 2013



September 4, 2013 (Ngoi Cong bridge)



September 25, 2013 (Ngoi Cong bridge)

Location: Ngoi Cong bridge. Ngoi Don bridge, Ngoi That bridge




Site visit: 4, 25 September, 2013

Description: Safety net were installed at bridge's construction site; The workers use fully PPE during work.



September 25, 2013 (Ngoi Cong bridge)

4.12.7 Package A7

	Location: Km195+800; Km202+700 and Km199+050
<p>21.6.2013 at Km195+800</p>	Site visit: 21.6; 16.7 and 6.8.2013
	First observed: 21.6.2013
<p>16.7.2013 at Km202+700</p>	Problems description and cause: The workers are not supplied enough PPEs during the working time
	Recommendation and Action taken by Engineer: The consultant had issued letter No: Ref. GET- EPMU-2617 with contents: "Proposed to reject the Safety manager and Environment Manager of Package A7"
<p>6.8.2013 at Km199+050</p>	Responsible Party: GRBCC
	Deadline: Immediately
	Current status: During on July the contractor had didn't improve



6.8.2013 at Km199+050



13.8.2013 Km202+500



20.8.2013 Km193+379

Location: Km199+050; Km202+700;
Km202+500 and Km193+379

Site visit: 6, 13, 20 and 26.8.2013

First observed: 6.8.2013

Problems description and cause: The workers are not supported the full labour equipment during the working time

Recommendation and Action taken by Engineer: The consultant had issued letter No: Ref. GET- EPMU-2617 with contents: "Proposed to reject the Safety manager and Environment Manager of Package A7"

Responsible Party: GRBCC

Deadline: Immediately

Current status: During August the contractor had not improved



26.8.2013 at Km202+700

 <p>26.8.2013 at Km202+700</p>	Location: Km202+700;
	Site visit: 26.8.2013; 17.9.2013
 <p>17.9.2013 at Km202+700</p>	First observed: 21.6.2013
	Problems description and cause: The workers have not been supplied fully PPEs during the working time
	Recommendation and Action taken by Engineer: The consultant had issued letter No: Ref. GET- EPMU-2617 with contents: "Proposed to reject the Safety manager and Environment Manager of Package A7" and Consultant had issued many letters to the contractor such as: Get4- GRBCC- 952. 979 and GET- GUA- 107, 119, 125
	Responsible Party: GRBCC
	Deadline: Immediately
	Current status: Not improved

4.12.8 Package A8

 <p>25.7.2013</p>	Location: Construction works of Suoi Nhu Bridge Km218+040
	Site visit: 25.7.2013 and 8.8.2013; 28.8.2013; 26.9.2013
	Date first observed: 25.7.2013
	Problems description and cause: we observed that the access ladder leads to construction the deck slab of Suoi Nhu Bridge is not safe enough for workers, inspectors and engineers to go up and come down during time working and inspection
	Recommendation and Action taken by Engineer: The contractor is requested to



8.8.2013



28.8.2013

repair and fix IMMEDIATELY the access ladder according to project safety plant and method statement approved by Engineer

Responsible Party:

Deadline: IMMEDIATELY


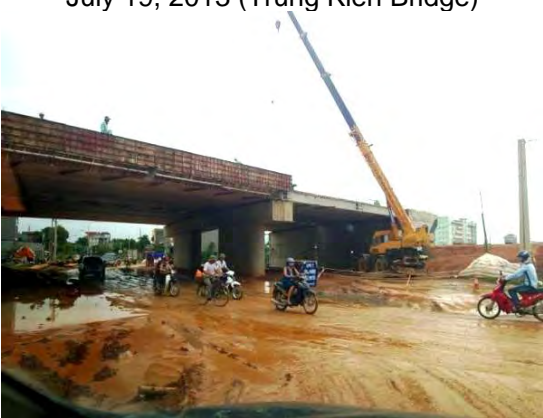
Current status: Had improved






26.9.2013


4.13 TRAFFIC CONDITIONS AND SIGNPOSTING IN ROADS

4.13.1 Package A1

 <p>July 19, 2013 (Trung Kien Bridge)</p>  <p>July 19, 2013(Trung Kien Bridge)</p>	Location: Construction sites where intersect public roads
	Site visit: 2, 9, 19, 25 July;
	Date first observed: 19-July-2013
	Problems description and cause: Dirtiness and slippery status is noted on existing road at TL301 Bridge construction site
	Recommendation and Action taken by Engineer: The Engineer has orally requested the Contractor to clean and repair the existing road to ensure the traffic safety for road users. Refer to letter GET1/POS/A1/2032
	Responsible Party: Contractor
	Deadline: Immediate and daily control
	Current status: Mitigation measures have not been implemented


 <p>August 20, 2013</p>	Location: TL301 Bridge
	Site visit: 13, 20, 26, 28 August; 10, 13, 17, 24 September
	Date first observed: 19-July-2013
	Problems description and cause: Dirtiness and slippery status is noted on existing road at TL301 Bridge construction site
	Recommendation and Action taken by Engineer: The Engineer has orally requested the Contractor to clean and repair the existing road to ensure the traffic safety for road users.

	Refer to letter GET1/POS/A1/2032, 2158
August 20, 2013	Responsible Party: Contractor
	Deadline: 23-Aug-2013
September 17, 2013	<p>Current status:</p> <p>In Aug: Mitigation measures have not been implemented</p> <p>In Sep: The Contractor has repaired the surface of detour road but not supplemented fence/signboard/lighting system</p>

	Location: Ba Thien Bridge
August 28, 2013	Site visit: 13, 20, 26, 28 Aug.; 10, 13, 17, 24 Sep.
	Date first observed: 28-Aug-2013
	Problems description and cause: Dirt is tracked onto public road causing difficulty status and endanger road users
	<p>Recommendation and Action taken by Engineer: The Engineer has orally requested the Contractor to clean and repair the existing road to ensure the traffic safety for road users.</p>
	Responsible Party: Contractor
	Deadline: Immediate

	
<p>August 28, 2013</p>	
	<p>Current status: Mitigation measures have not been implemented</p>
<p>September 24, 2013</p>	

4.13.2 Package A2

	<p>Location: TL309 Bridge</p>
	<p>Site visit: 3, 10, 18, 25 July;</p>
	<p>Date first observed: 15-Mar-2013</p>
	<p>Problems description and cause: There is no safety fence, no traffic guide, no signboard and dirt is tracked onto public road during carrying out the construction work that affect public traffic</p>
	<p>Recommendation and Action taken by Engineer: Reinstall the fence at both construction sites and supplement the signboard and lighting system. All the items must be met specification. Refer to letter</p>



July 25, 2013

GET1/POS/A2/1817, GET1/POS/A2/1849 and GET1/POS/A2/1851, 1897, 2088, 2090, 2116

Responsible Party: Contractor

Deadline: 02-Apr-2013 (immediate)

Current status: Mitigation measures have been implemented



August 22, 2013

Location: TL305C Bridge

Site visit: 13, 15, 22, 28 August; 13, 17, 24 September

Date first observed: 22-Aug-2013

Problems description and cause: The detour road deteriorated and lack of warning fence

Recommendation and Action taken by Engineer: Leveling the detour road and supplement base/sub-base on the surface of detour road to avoid slippery status; supplement warning fence as well

Responsible Party: Contractor



Deadline: 23-Aug-2013

Current status: Mitigation measures have not been implemented



August 28, 2013



	<p>September 17, 2013</p>
<p>September 13, 2013</p>	
	<p>Location: Underpass box culverts Km 36+460 and Km 36+915</p>
<p>August 13, 2013</p>	<p>Site visit: 13, 15, 22, 28 August;</p>
	<p>Date first observed: 13-Aug-2013</p>
<p>August 13, 2013</p>	<p>Problems description and cause: Dirt is tracked into underpass and caused slippery status and difficulty for road users</p> <p>Recommendation and Action taken by Engineer: Remove dirt from underpass; supplement base/sub-base on the surface of access road to avoid slippery status; apply erosion control measures. Refer to letter GET1/POS/A2/2154</p>
	<p>Responsible Party: Contractor</p>
	<p>Deadline: 14-Aug-2013</p>
	<p>Current status: Mitigation measures have been implemented</p>



August 13, 2013



August 22, 2013



September 27, 2013



September 27, 2013

Location: Underpass box culverts Km 30+875

Site visit: 13, 17, 24, 27 Sep.

Date first observed: 27-Sep-2013

Problems description and cause: Dirt is tracked onto temporary road and caused slippery status and difficulty for road users

Recommendation and Action taken by Engineer: Remove dirt from underpass; supplement base/sub-base on the surface of access road to avoid slippery status; apply erosion control measures

Responsible Party: Contractor



Deadline: Immediate

Current status: Mitigation measures have been implemented

4.13.3 Package A3

 <p>11/7/2013</p>	Location: QL2 bridge
 <p>21/08/2013</p>	Site visit: 04, 08, 11, 15, 18, 25/7; 07, 14, 21, 28/8/2013; 04,10,11,18,24,25/9/2013
	Date first observed: 03/5/2013
	Problems description and cause: Safe fence was broken down
	Recommendation and Action taken by Engineer: GET2-POS-A3-1748
	Responsible Party:
	Deadline: immediately
	 <p>24/09/2013</p>

4.13.4 Package A4

	Location: Box culvert Km109+500
	Site visit: 10,13,17,24,29,31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013
	Date first observed: 08/5/2013
	Problems description and cause: Traffic sign board has not been installed yet
	Recommendation and Action taken by Engineer: GET2-KEA-A4-1003
	Responsible Party: KEANGNAM
	Deadline: 10/7/2013
	Current status: Not improved
	
<p>24/7/2013</p> <p>07/8/2013</p>	<p>26/9/2013</p>


4.13.5 Package A5

	Location: Km145+100
July 11, 2013	Site visit: 11 and 26 July, 2013
	Date first observed: 11-July-2013
July 26, 2013	Problems description and cause: Quality of public road was impacted by the Contractor's construction activities. Besides, lack of safety signboards at this location.
	Recommendation and Action taken by Engineer: The Engineer required the Contractor to repair damaged roads at this location, simultaneously, the Contractor must install fully safety fences and signboards.
	Responsible Party: Keangnam Contractor
	Deadline: 20-Jul-2013
	Current status: Not yet implemented

	Location: Hop Minh My bridge's construction site
August 16, 2013	Site visit: 16 and 26 August, 3 September,
	Date first observed: 16-August-2013
	Problems description and cause: Soil was fallen onto public road. This situation causes dust during sunny days, Hop Minh My bridge's construction site.

	<p>Recommendation and Action taken by Engineer: The Engineer requested the Contractor to enhance safety in letter Ref. GET3-KEANGNAM-13-A5-642 dated 20th August, 2013. Require the Contractor to apply measures in order to ensure the Project's environmental and safety issues, Package A5</p>
<p>August 26, 2013</p>	<p>Responsible Party: Keangnam Contractor</p>
	<p>Deadline: 22-August-2013</p> <p>Current status:</p> <p>In August: Not yet implemented</p> <p>In September: Mitigation measures have been implemented</p>
<p>September 3, 2013 (Hop Minh My bridge)</p>	

4.13.6 Package A6

	<p>Location: Location Km156; Ngoi Cong bridge's construction site; Km160; Km161</p>
<p>July 4, 2013 (Km156)</p>	<p>Site visit: 4 and 12 July, 2013</p> <p>Description: The Contractor installed safety signboard in roads.</p>



July 4, 2013 (Ngoi Cong bridge)



July 12, 2013 (Km160)



July 12, 2013 (Km161)



July 12, 2013

Location: Public road Km152

Site visit: 12 and 26 July, 2013

Date first observed: 12th July, 2013

Problems description and cause: The quality of public road was impacted by the Contractor's construction activities and material transportation.



July 26, 2013



July 26, 2013

Recommendation and Action taken by

Engineer: The Engineer has orally requested the Contractor to repair damaged roads which were impacted by the Contractor's construction activities and material transportation.

Responsible Party: Doosan Contractor

Deadline: 20-Jul-2013

Current status: The Contractor has already repaired public road in order to ensure the region's traffic.



August 13, 2013 (Km184)

Location: Km184, Km178, Km179, Km165

Site visit: 13 and 20 August, 2013

Description: The Contractor installed safety signboard in roads.



August 13, 2013 (Km178)



August 20, 2013 (Km179)



August 20, 2013 (Km165)



August 1, 2013

Location: Access road Km162


Site visit: 1 and 20 August, 2013

Date first observed: 1st August, 2013



Problems description and cause: The quality of public road was impacted by the Contractor's construction activities and material transportation.

Recommendation and Action taken by Engineer: The Engineer has orally requested the Contractor to repair the damaged roads which were impacted by the Contractor's construction activities and material transportation.

Responsible Party: Doosan Contractor

	Deadline: 16-August-2013
	Current status: The Contractor has already repaired public road in order to ensure the region's traffic.

August 20, 2013

	Location: Access road Km160
	Site visit: 1 and 29 August, 2013
	Date first observed: 1 st August, 2013
	Problems description and cause: The quality of public road was impacted by the Contractor's construction activities and material transportation.
<p>August 29, 2013</p>	Recommendation and Action taken by Engineer: The Engineer has orally requested the Contractor to repair damaged roads which were impacted by the Contractor's construction activities and material transportation.
	Responsible Party: Doosan Contractor
<p>August 29, 2013</p>	Deadline: 10-August-2013
	Current status: The Contractor has already repaired public road in order to ensure the region's traffic.



August 29, 2013



September 25, 2013 (Km172)



September 25, 2013 (Km169)

Location: Km172, Km169, Km165, Km174

Site visit: 10 and 25 September, 2013

Description: The Contractor installed safety signboard in roads.



September 10, 2013 (Km174)

 <p>September 10, 2013 (Km174+200)</p>  <p>September 25, 2013 (Km174+200)</p>	Location: Access road Km174
	Site visit: 10 and 25 September, 2013
	Date first observed: 10 th September, 2013
	Problems description and cause: The quality of public road was impacted by the Contractor's construction activities and material transportation.
	Recommendation and Action taken by Engineer: The Engineer requested the Contractor to implement the tasks as follows: <ul style="list-style-type: none"> + Repair damaged road in order to ensure the region's traffic. + Comply with Traffic Control Plan in the whole process of project implementation; + Stop repeat similar case; (Referring to the Engineer's letter GET3-DOOSAN-13-A6-553 dated 19 th Sep, 2013)
	Responsible Party: Doosan Contractor
	Deadline: 25-September-2013
	Current status: The Contractor has already repaired public road in order to ensure the region's traffic.

4.13.7 Package A7



	Location: Access road at Km195+500
2.7.2013	Site visit: 2.7 and 16.7.2013; 20.8.2013; 10.9.2013
	Date first observed: 15.5.2013
16.7.2013	Problems description and cause: The access roads are full of mud and it is very difficult for travel
	Recommendation and Action taken by Engineer: The contractor is required to repair and consolidate the road surface to convenient traffic for local people
20.8.2013	Responsible Party: GRBCC
	Deadline: exceeded in last quarter
20.8.2013	Current status: The contractor has not yet repaired the local road
	
	10.9.2013

4.13.8 Package A8

	Location: Underpass box culvert Km218+160
<p>17.6.2013</p>	Site visit: 11.7.2013; 15.8.2013; 30.9.2013
	Date first observed: 15.4.2013
<p>11.7.2013</p>	Problems description and cause: Exist road is full of mud and slip, it is difficult for traffic
	Recommendation and Action taken by Engineer: Require the contractor to repair to ensure traffic for local people
<p>15.8.2013</p>	Responsible Party:
	Deadline: 20.4.2013
<p>30.9.2013</p>	Current status: The contractor has repaired exist road and makes good condition for traffic of local people

4.14 SIGNPOSTING IN DANGEROUS SURFACES

4.14.1 Package A1

 <p>July 02, 2013</p>  <p>July 02, 2013</p>	Location: Underpass NH2
	Site visit: 2, 9, 19, 25 July;
	Date first observed: 28-May-2013
	Problems description and cause: The fence was broken and has not been reinstalled, this issue facilitates the access of unauthorized persons into construction area without control
	Recommendation and Action taken by Engineer: The Engineer has requested the Contractor to reinstall the fence and signboard system to prevent access of unauthorized persons into construction area. Refer to letter GET1/POS/A1/2016
	Responsible Party: Contractor
	Deadline: 31-May-2013
	Current status: Mitigation measure has been implemented

In the site inspections in August and September, we didn't detect the problem on the sites. However, the Engineer also recommended the Contractor to pay attention to this issue if it happens and the necessary countermeasures must be applied to prevent accident happening.

4.14.2 Package A2

By site inspections in this period, we did not detect any problem on the sites in this period. However, the Engineer also recommended the Contractor to pay attention to this issue if it happens and the necessary countermeasures must be applied to prevent accident happening.

4.14.3 Package A3

	Location: Km48+850
	Site visit: 04, 08, 11, 15, 18, 25/7/2013; 07, 14, 21, 28/8/2013; 04,10,11,18,24,25/9/2013
	Date first observed: 13/6/2013
	Problems description and cause: Traffic sign board has not been installed yet
	Recommendation and Action taken by Engineer: GET2-POS-A3-1919
25/7/2013	Responsible Party:
	Deadline: 20/7/2013
	Current status: Not improved
7/8/2013	
	11/9/2013

4.14.4 Package A4

	<p>Location: Km80+500</p> <p>Site visit: 10,13,17,24,29,31/7/2013; 02, 07, 08, 15, 16, 22, 29/8/2013; 05, 11, 12, 19, 24, 26/9/2013</p> <p>Date first observed: 12/6/2013</p> <p>Problems description and cause: Safe fence was broken down</p> <p>Recommendation and Action taken by Engineer: GET2-KEA-A4-1061</p> <p>Responsible Party:</p> <p>Deadline: immediately</p>
<p>13/7/2013</p> 	<p>Current status:</p> <p>In July: improved</p> <p>In August: Not improved</p>
<p>22/8/2013</p>  <p>11/9/2013</p>	

4.14.5 Package A5

	<p>Location: Underpass box culvert Km114; DR-pipe Km112; Up-box Km125; Ngoi Rao and Ngoi Gia bridge's construction site</p>
<p>June 22, 2013 (Ngoi Gua bridge)</p>	<p>Site visit: 22 June, 11, 22, 26 July 2013.</p>
	<p>Date first observed: 4th June, 2013</p>
<p>June 22, 2013 (Ngoi Rao bridge)</p>	<p>Problems description and cause: Lack of safety fence and signboards at many dangerously areas</p>
	<p>Recommendation and Action taken by Engineer: The Engineer required the Contractor to install safety fence and signboard at dangerous areas in order to keep the Project's safety.</p>
<p>July 11, 2013 (Ngoi Buc bridge)</p>	<p>Responsible Party: Keangnam Contractor</p>
<p>Deadline: 10-June-2013</p>	
<p>Current status: No improvement seen</p>	
	
<p>July 22, 2013 (Ngoi Rao bridge)</p>	



July 22, 2013 (Ngoi Gua bridge)



July 26, 2013 (Ngoi Thia bridge)



June 22, 2013 (Ngoi Gua bridge)



June 22, 2013 (Ngoi Rao bridge)

Location: Ngoi Rao, Ngoi Giua, Ngoi thia, Ngoi Buc bridge's construction site

Site visit: 22 June, 11, 22, 26 July 2013.

Date first observed: 4th June, 2013

Problems description and cause: Lack of safety fence and signboards at many dangerously areas

Recommendation and Action taken by Engineer: The Engineer required the Contractor to install safety fence and signboard at dangerous areas in order to keep the Project's safety (referring to the letters: No GET3-KEANGNAM-13-A5-494; GET3-KEANGNAM-13-A5-642)

Responsible Party: Keangnam Contractor

Deadline: Immediate

Current status: No improvement seen



July 11, 2013 (Ngoi Buc bridge)



July 22, 2013 (Ngoi Thia bridge)



July 22, 2013 (Ngoi Gua bridge)






July 26, 2013





August 9, 2013 (Ngoi Thia bridge)



August 27, 2013 (Ngoi Rao bridge)

 <p>July 22, 2013</p>  <p>August 27, 2013</p>  <p>September 13, 2013 (Ngoi Rao bridge)</p>	Location: Ngoi Rao bridge's construction site
	Site visit: 22 July and 27 August, 13 September, 2013
	Date first observed: 22 nd July, 2013
	Problems description and cause: Lack of safety fence and signboards at dangerously areas
	Recommendation and Action taken by Engineer: The Engineer required the Contractor to install safety fence and signboard at dangerous areas in order to keep the Project's safety (referring to the letters: No GET3-KEANGNAM-13-A5-494; GET3-KEANGNAM-13-A5-642)
	Responsible Party: Keangnam Contractor
	Deadline: Immediate
	Current status: No improvement seen

	Location: Ngoi Gua bridge's construction site
	Site visit: 9 August, 3 September, 2013
	Date first observed: 9 th August, 2013
	Problems description and cause: Lack of safety fence and signboards at dangerously areas
	Recommendation and Action taken by Engineer: The Engineer required the Contractor to install fully safety fence and signboard at dangerous areas in order to keep the Project's safety.
	Responsible Party: Keangnam Contractor
	Deadline: Immediate
	Current status: No improvement seen

	Location: Ngoi Thia bridge's construction site
	Site visit: 26 July and 9 August, 2013
	Date first observed: 26 th July, 2013
July 26, 2013	Problems description and cause: Lack of safety fence and signboards at dangerously areas

 <p>August 9, 2013</p>	Recommendation and Action taken by Engineer: The Engineer required the Contractor to install safety fence and signboard at dangerous areas in order to keep the Project's safety (referring to the letters: No GET3-KEANGNAM-13-A5-494; GET3-KEANGNAM-13-A5-642)
	Responsible Party: Keangnam Contractor
	Deadline: Immediate
	Current status: No improvement observed

4.14.6 Package A6

 <p>July 4, 2013 (Ngoi Cong bridge)</p>	Location: Ngoi That bridge's construction site, Km159, Km155, Lang Nhay, Ngoi Nhuoc bridge's construction site.
	Site visit: 12 and 22 July, 2013
	Description: The Contractor installed signposting in dangerous surfaces in order to keep the Project's safety.
 <p>July 12, 2013 (Km159)</p>	 <p>July 12, 2013 (Km160)</p>



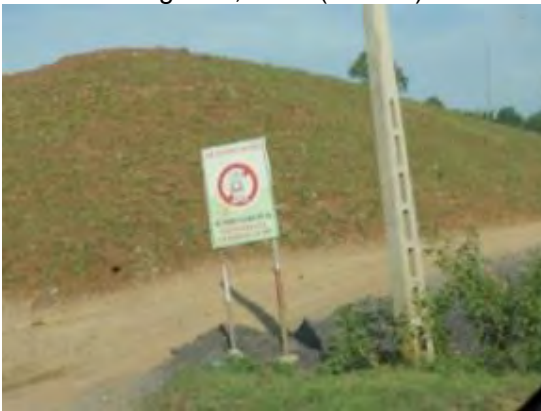
July 26, 2013 (Lang Nhay bridge)



July 26, 2013 (Ngoi Nhuoc bridge)



August 1, 2013 (Km159)



August 1, 2013 (Km156)

Location: Km159, Km156, Khe Chuong bridge, Km166, Ngoi Chac bridge

Site visit: 1, 6 and 29 August, 2013

Description: The Contractor installed signposting in dangerous surfaces in order to keep the Project's safety.



August 6, 2013 (Khe Chuong bridge)



August 29, 2013 (Km165)



August 29, 2013 (Ngoi Chac bridge)



September 10, 2013 (Km165)

Location: Km159, Km165, Ngoi That bridge, Km178, Km165

Site visit: 10, 16 and 25 September, 2013

Description: The Contractor installed signposting in dangerous surfaces in order to keep the Project's safety.



September 25, 2013 (Km168)



September 25, 2013 (Km178)



September 10, 2013 (Ngoi That bridge)



September 16, 2013 (Km159)

4.14.7 Package A7



23.7.2013



26.8.2013

Location: Tan Tien Bridge Km209+329

Site visit: 23.7.2013; 26.8.2013; 17.9.2013

Date first observed: 15-November 2013

Problems description and cause: There is not any safety fence and any signposting at dangerous areas

Recommendation and Action taken by Engineer: Required the contractor to install the safety fence and signpost at dangerous area

Responsible Party: GRBCC

Deadline: Immediately

Current status: The contractor has not yet improved this issue




	 <p data-bbox="1073 604 1198 636">17.9.2013</p>
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 <p data-bbox="488 1161 602 1192">9.7.2013</p>	<p data-bbox="857 701 1138 732">Location: Km208+040</p> <p data-bbox="857 764 1279 795">Site visit: 9.7; 16.7 and 23.7.2013</p> <p data-bbox="857 827 1230 858">Date first observed: 9.7.2013</p> <p data-bbox="857 890 1421 1005">Problems description and cause: There is not any safety fence and any signposting at dangerous areas</p> <p data-bbox="857 1037 1421 1194">Recommendation and Action taken by Engineer: Required the contractor to install the safety fence and signpost at dangerous position</p>
 <p data-bbox="483 1665 610 1696">16.7.2013</p>	<p data-bbox="857 1220 1214 1251">Responsible Party: GRBCC</p> <p data-bbox="857 1283 1138 1314">Deadline: Immediately</p> <p data-bbox="857 1346 1382 1419">Current status: The contractor has not yet improved this issue</p> 

	23.7.2013
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 <p>20.8.2013</p>	Location: Km212+100
	Site visit: 20.8 and 26.8.2013; 24.9.2013
	Date first observed: 20.8.2013
	Problems description and cause: There is not any safety fence and any signpost at dangerous area
	Recommendation and Action taken by Engineer: Required the contractor to install the safety fence and signpost at dangerous area
 <p>26.8.2013</p>	Responsible Party: GRBCC
	Deadline: Immediately
 <p>24.9.2013</p>	Current status: The contractor has not yet improved

4.14.8 Package A8

	Location: IC18 Bridge Km244+540
	Site visit: 17.7.2013; 28.8.2013; 18.9.2013
	Date first observed: 21.6.2013
	Problems description and cause: There is not any signpost and fence in construction work areas
	Recommendation and Action taken by Engineer: Require the contractor to install fully fence and signpost at this area and forbid local people entering site area
	Responsible Party: Contractor
	Deadline: 15.7.2013
	Current status: The issue was solved. Currently, no local people remains with their businesses under the structure of the bridge

4.15 ACCIDENTS DUE TO THE LACK OF SAFETY MEASURES. RESPONSIBLES

During this period, the third quarter 2013, through the inspection and supervision on site, Consultant did not notice about any serious accident happened due to lack of safety measures. Also, Consultant did not receive any report regarding significant accidents in any package.

However, the Consultant has often required the contractors to comply with the Methods Statement as well as the project's Safety Plan and to improve the management and control of safety issues to ensure the project's safety during construction process and prevent unfortunate accidents in the future.

4.16 CONTRACTORS' ENVIRONMENTAL AND SAFETY SPECIALISTS MOBILIZATION

As this issue is one of the most important ones for the right implementation of the contractors' ECP and ECAP, here is presented a summary table of the currently situation, updated until September 2013, in each package about the mobilization of contractors' environmental and safety managers. Some remarks are also considered inside the table.

PACKAGE	CURRENT STATUS					
	POSITION	PROPOSED	APPROVED	MOBILIZED	NAME	REMARKS
A1	Environmental Specialist	Yes	Yes	Yes	Chon Young Soup	Temporary approval
	Safety manager	Yes	Yes	Yes	Le Dinh Quyen	
A2	Environmental manager	Yes	Yes	Yes	Kim Nam Young	
	Safety manager	Yes	Yes	Yes	Kim Jeong Ho	
A3	Environmental manager	Yes	Yes	Yes	Kim Su Han	Temporary approval for two months trial
	Safety manager	Yes	Yes	Yes	Nguyen Thanh Cong	
A4	Environmental manager	Yes	Yes	Yes	Tran Hung	Rejected because always absent when he was requested by Consultant to attend a inspection and lack of interest in environmental matters
	Safety manager	Yes	Yes	Yes	Nguyen Danh Nam	

PACKAGE	CURRENT STATUS					
	POSITION	PROPOSED	APPROVED	MOBILIZED	NAME	REMARKS
A5	Environmental manager	Yes	Yes	Yes	Cho, Han Sun	The candidate does not have enough knowledge and experience to meet requirements of this position
	Safety manager	Yes	Yes	Yes	Nguyen Van Phuc	The candidate does not have enough knowledge and experience to meet requirements of this position
A6	Environmental manager	Yes	Yes	Yes	Song, HwaSeo	
	Safety manager	Yes	Yes	Yes	Kwon, Oh Lin	
A7	Environmental manager	Not yet	Not yet	Not yet	Li Sheng Guang	Proposal to reject Environmental and Safety managers of package A7 in letter No: Ref. GET- EPMU-2617, On date July 17, 2013 the contractor submitted 02 positions Environmental and safety by letter No: Ref. GRBCC-GENTISA/A7/1680 but the consultant had returned the proposals by letter No: Ref. GET4- GRBCC- 965 date September 05th 2013. So far the contractor did not submitted a new proposal
	Safety manager	Not yet	Not yet	Not yet	Lai Jian Hong	
A8	Environmental manager	Yes	Yes	Yes	Tran Van Dinh	
	Safety manager	Yes	Yes	Yes	Mai Xuan Lap	

5. REFERENCE DOCUMENTS RELATIVE TO ENVIRONMENT, HEALTH AND SAFETY ISSUES

5.1 PACKAGE A1

N°	Document reference	Date	Remark
1	GET1/POS/A1/2074	July 04, 2013	Report on Environmental Monitoring and Analysis – June, 2013
2	GET1/POS/A1/2091	July 15, 2013	Environmental Correction Action Assessment (After ADB's mission)
3	GET1/POS/A1/2123	August 01, 2013	Report on Environmental Monitoring and Analysis – July, 2013
4	GET1/POS/A1/2126	August 02, 2013	Storm Preventative Application
5	GET1/POS/A1/2135	August 07, 2013	Storm Preventative Application
6	GET1/POS/A1/2147	August 13, 2013	Km 21+200: Disposal of Asphalt concrete on slopes
7	GET1/POS/A1/2148	August 13, 2013	Storm Preventative Application
8	GET1/POS/A1/2152	August 16, 2013	Method statement for Seeding of Embankment Slope
9	GET1/POS/A1/2153	August 16, 2013	Request to deal with the grievance of local authority
10	GET1/POS/A1/2158	August 20, 2013	TL301 Bridge: Traffic protection and maintenance
11	GET1/POS/A1/2163	August 22, 2013	Request to deal with the grievance of local authority
12	GET1/POS/A1/2200	September 11, 2013	Report on Environmental Monitoring and Analysis – August, 2013
13	GET/MICS/361	September 12, 2013	Compliance with Environmental covenants
14	GET/MICS/363	September 17, 2013	Compliance with Environmental covenants

5.2 PACKAGE A2

N°	Document reference	Date	Remark
1	GET1/POS/A2/2070	July 04, 2013	Report on Environmental Monitoring and Analysis – June, 2013
2	GET1/POS/A2/2071	July 04, 2013	Km 30+500 ~ Km 30+900: Request to solve grievance of local people
3	GET1/POS/A2/2080	July 10, 2013	Section 8: Request to restore and maintain the drainage system
4	GET1/POS/A2/2082	July 11, 2013	Km 30+500 ~ Km 30+900: Request to solve grievance of local people
5	GET1/POS/A2/2088	July 15, 2013	Request to ensure project safety
6	GET1/POS/A2/2090	July 15, 2013	Environmental Correction Action Assessment (After ADB's mission)
7	GET1/POS/A2/2098	July 18, 2013	Slopes restoration and protection
8	GET1/POS/A2/2101	July 22, 2013	Remind to solve grievances of local people and authorities on times
9	GET1/POS/A2/2108	July 23, 2013	Km 31+075: Request to ensure irrigation system
10	GET1/POS/A2/2114	July 25, 2013	Request to Deal with Local People's Grievance at Km31+050 – package A2
11	GET1/POS/A2/2116	July 26, 2013	TL309 Bridge: Money deduction due to your failure in traffic control during construction
12	GET1/POS/A2/2118	July 26, 2013	Ben Gao Bridge: Money retaining due to your non-compliance in river restoration plan implementation
13	GET1/POS/A2/2123	July 30, 2013	Response to letter POS711-2013/A2
14	GET1/POS/A2/2126	July 30, 2013	Box Culvert – Km 28+585: Request to solve grievance of local people
15	GET1/POS/A2/2123	August 02, 2013	Storm Preventative Application
16	GET1/POS/A2/2139	August 07, 2013	Report on Environmental Monitoring and Analysis – July, 2013
17	GET1/POS/A2/2140	August 07, 2013	Storm Preventative Application
18	GET1/POS/A2/2145	August 09, 2013	Section 1: Request to solve grievance of local people and authority
19	GET1/POS/A2/2154	August 13, 2013	Section 4: Local Authority's Obstruction (Dong Ich commune)
20	GET1/POS/A2/2157	August 13, 2013	Storm Preventative Application
21	GET1/POS/A2/2162	August 16, 2013	Km 34+400 ~ Km 34+620: Request to deal with local people's grievance

22	GET1/POS/A2/2163	August 16, 2013	Method statement for Seeding of Embankment Slope
23	GET1/POS/A2/2176	August 26, 2013	Local people/authorities' grievances settlement report
24	GET1/POS/A2/2184	September 07, 2013	Section 1: Request to solve grievance of local people and authority
25	GET1/POS/A2/2186	September 09, 2013	Km 37+035: Traffic maintenance
26	GET1/POS/A2/2194	September 11, 2013	Report on Environmental Monitoring and Analysis – August, 2013
27	GET1/POS/A2/2195	September 11, 2013	Km 30+712 ~ Km 30+920: Obstruction at work
28	GET1/POS/A2/2213	September 19, 2013	Local people/authorities' grievances settlement report

5.3 PACKAGE A3

N°	Document reference	Date	Remark
1	GET2-POS-A3-2021	03/7/2013	Request the Contractor to solve Environmental matters of Package A3
2	GET2-POS-A3-2025	04/7/2013	Do not approve for proposal document of Environmental specialist
3	GET2-POS-A3-2034	11/7/2013	Request the Contractor to supply information about disposal areas of Package A3
4	GET2-POS-A3-2035	11/7/2013	Remind (Mr. Kweon Oh Shin) Project Manager of POSCO E&C of solving land slide of Package A3 (Second time)
5	GET2-POS-A3-2036	12/7/2013	Approve Company profile of Green Nature Development JSC – Package A3.
6	GET2-POS-A3-2037	12/7/2013	Approve Environmental monitoring and Observation services report in June 2013 - Package A3
7	GET2-POS-A3-2042	17/7/2013	Request the Contractor to quickly propose new Environmental Specialist – Package A3. Do not approve old proposal for Environmental Specialist – Package A3.
8	GET2-POS-A3-2046	18/7/2013	Approve Method Statement of sodding for embanking slope –

			Package A3.
9	GET2-GET-A3-119	20/7/2013	Treatment status on Environment and Safety matters during ADB mission – Package A3.
10	GET2-POS-A3-2050	22/7/2013	Remind Project Manager (Mr. Kweon Oh Shin) of POSCO E&C of solving land slide at Package A3 (Third time).
11	GET2-POS-A3-2072	09/8/2013	Request to solve land slide at Km70+707 and Km71+242 – Package A3.
12	GET2-POS-A3-2075	15/8/2013	Apply storm and flood control measures for Package A3.
13	GET2-POS-A3-2077	16/8/2013	Approve Environmental monitoring and Observation services report in July 2013 - Package A3.
14	GET2-POS-A3-2082	21/8/2013	Sodding works – Package A3.
15	GET2-POS-A3-2090	23/8/2013	Request the Contractor to resolve land slide – Package A3.
16	GET2-POS-A3-2097	29/8/2013	Request the Contractor to solve Environment and Safety matters in Section 7 – Package A3
17	GET2-POS-A3-2098	29/8/2013	Request the Contractor to solve land slide at Km70+707 and Km71+242 – Package A3.
18	GET2-POS-A3-2110	11/9/2013	Approve Environmental monitoring and Observation services report in August 2013 - Package A3.
19	GET2-POS-A3-2115	13/9/2013	Request the Contractor to solve land slide at Km61+400 – Package A3.
20	GET2-POS-A3-2117	17/9/2013	Grassing in Package A3.
21	GET2-POS-A3-2126	23/9/2013	Remind Project Manager of POSCOE&C of delay in solving land slide at TienKien commune, Lam Thao district.
22	GET2-POS-A3-2130	25/9/2013	Remind Project Manager of POSCOE&C of delay in solving land slide at Km70+707 and Km71+242.
23	GET2-POS-A3-2131	25/9/2013	Request POSCOE&C to solve land slide due to construction Package A3.
24	GET2-POS-A3-2132	25/9/2013	Request the Contractor to ensure environment at Batching Plant D.
25	GET2-POS-A3-2133	25/9/2013	Request the Contractor to ensure environment at QL2FO – PkA3.

5.4 PACKAGE A4

N°	Document reference	Date	Remark
1	GET2-KEA-A4-1201	3/7/2013	Request to solve environment and safety matters in Package A4
2	GET2-KEA-A4-1202	4/7/2013	Remind the Chief Planning about submission of monitoring report and environment inspection every month (second time)
3	GET2-KEA-A4-1206	10/7/2013	Request the Contractor to ensure traffic and safety at construction area of Nui Voi
4	GET2-KEA-A4-1209	11/7/2013	Request the Contractor to supply information about disposal areas of Package A4.
5	GET2-KEA-A4-1211	11/7/2013	Return capacity profile of Green Nature development JSC
6	GET2-KEA-A4-1214	12/7/2013	Approve Environmental monitoring and Observation services report in June 2013 - Package A3
7	GET2-KEA-A4-1226	17/7/2013	Warning the Chief Planning of Keangnam due to his lack of co-operation attitude.
8	GET2-KEA-A4-1228	17/7/2013	Request the Contractor to submit schedule for environment monitoring in July- Pckage A4.
9	GET2-KEA-A4-1229	17/7/2013	Acceptance with conditions of method statement for construction of sodding on cutting and embankment slope-Package A4.
10	GET2-GET-A4-075	19/7/2013	Status of treatment on Environment and safe matters required by ADB Mission –Package A4.
11	GET2-KEA-A4-1242	29/7/2013	Approve the disposal area for station Km87+600-Km95+200 – Package A4
12	GET2-KEA-A4-1245	01/8/2013	Remedying the erosion at right dyke Ngoi Gianh -Package A4.
13	GET2-KEA-A4-1248	05/8/2013	Request to complete legal procedure for disposal area at section 1- Package A4.
14	GET2-KEA-A4-1263	14/8/2013	Apply storm and flood control measures for Package A4.
15	GET2-KEA-A4-1265	15/8/2013	Approve Environmental monitoring and Observation services report in July 2013 - Package A4.
16	GET2-KEA-A4-1274	20/8/2013	Sodding works – Package A4

17	GET2-KEA-A4-1283	23/8/2013	Request to solve landslide in Package A4
18	GET2-KEA-A4-1293	30/8/2013	Warning the Project Manager of Keangnam – Package A4
19	GET2-KEA-A4-1310	11/9/2013	Approve Environment Monitoring Report in August 2013
20	GET2-KEA-A4-1316A	17/9/2013	Grassing in Package A4.
21	GET2-KEA-A4-1324	23/9/2013	GET2-KEA-A4-1293-Warning the Project Manager of Keangnam – Package A4
22	GET2-KEA-A4-1324	23/9/2013	Request to solve landslide at Sai Nga, Son Nga commune- Cam Khe district.
23	GET2-KEA-A4-1325	23/9/2013	Request to solve landslide at Sai Nga, Son Nga commune- Cam Khe district.
24	GET2-KEA-A4-1329	23/9/2013	Request the Contractor to ensure safety during launching girders at Ngoi Gianh bridge
25	GET2-KEA-A4-1333	25/9/2013	Inform about ending probation time of Environmental Specialist._2
26	GET2-KEA-A4-1334	25/9/2013	Request to ensure safety at Ngoi Gianh bridge
27	GET2-KEA-A4-1335	25/9/2013	Request to ensure safety, environmental matter at Km81+700
28	GET2-KEA-A4-1336	25/9/2013	Request to clear out the irrigation canal system at TL321C bridge.
29	GET2-KEA-A4-1337	25/9/2013	Request to solve environmental and safety matter at Km96+800
30	GET2-KEA-A4-1338	27/9/2013	Not accept the probation time of Environmental Specialist -Tran Hung, Package A4
31	GET2-KEA-A4-1339	27/9/2013	Request the Contractor to ensure safety during launching girder span-2 of Ngoi Gianh bridge.

5.5 PACKAGE A5

N°	Document reference	Date	Remark
1	Ref. GET3-KEANGNAM-13-A5-494	July 2, 2013	Require the Contractor to apply measures in order to ensure the Project's environmental and safety issues, Package A5
2	Ref. GET3-KEANGNAM-13-A5-504	July 3, 2013	Sodding works – Package A5

3	Ref. GET3-KEANGNAM-13-A5-536	July 12, 2013	Warning to Keangnam Contractor
4	Ref. GET3-KEANGNAM-13-A5-582	July 29, 2013	Approval of Report on Environmental Monitoring for June 2013
5	Ref. GET3-KEANGNAM-13-A5-584	July 29, 2013	Reminding the Contractor on sodding works
6	Ref. GET3-KEANGNAM-13-A5-598	August 1, 2013	Urgent notice for the storm and flood
7	Ref. GET3-KEANGNAM-13-A5-606	August 6, 2013	Urgent notice for the storm and flood
8	Ref. GET3-KEANGNAM-13-A5-641	August 19, 2013	Sodding works – Package A5
9	Ref. GET3-KEANGNAM-13-A5-642	August 20, 2013	Require the Contractor to apply measures in order to ensure the Project's environmental and safety issues, Package A5
10	Ref. GET3-KEANGNAM-13-A5-678	September 6, 2013	Approval of Report on Environmental Monitoring for July 2013
11	Ref. GET3-KEANGNAM-13-A5-688	September 11, 2013	Approval of Report on Environmental Monitoring for August 2013
12	Ref. GET3-KEANGNAM-13-A5-693	September 12, 2013	HIV/AIDS, illicit drug and human trafficking prevention program along the Kunming – Hai Phong transport corridor – Noi Bai – Lao Cai highway project
13	Ref. GET3-KEANGNAM-13-A5-713	September 19, 2013	HIV/AIDS, illicit drug and human trafficking prevention program along the Kunming – Hai Phong transport corridor – Noi Bai – Lao Cai highway project – Assistance to ADB mission for monitoring and evaluation
14	Ref. GET3-KEANGNAM-13-A5-714	September 19, 2013	Require the Contractor to apply measures in order to ensure the Project's environmental and safety issues, Package A5

5.6 PACKAGE A6

N°	Document reference	Date	Remark
1	Ref. GET3-DOOSAN-13-A6-411	July 2, 2013	Approval of Method statement of grassing works at cutting slope (Paspalum grass)
2	Ref. GET3-DOOSAN-13-A6-412	July 2, 2013	Require the Contractor to apply measures in order to ensure the Project's environmental and safety

			issues, Package A6
3	Ref. GET3-DOOSAN-13-A6-417	July 3, 2013	Approval of Report on Environmental Monitoring for June 2013
4	Ref. GET3-DOOSAN-13-A6-416	July 3, 2013	Sodding works – Package A6
5	Ref. GET3-DOOSAN-13-A6-456	July 29, 2013	Reminding the Contractor on sodding works
6	Ref. GET3-DOOSAN-13-A6-453	July 29, 2013	Approval of Report on Environmental Monitoring for July 2013
7	Ref. GET3-DOOSAN-13-A6-463	August 1, 2013	Urgent notice for the storm and flood
8	Ref. GET3-DOOSAN-13-A6-466	August 3, 2013	Require the Contractor to apply measures in order to ensure the Project's environmental at Km155+100
9	Ref. GET3-DOOSAN-13-A6-465	August 3, 2013	Non – approval of disposal area_465
10	Ref. GET3-DOOSAN-13-A6-474	August 6, 2013	Require the Contractor to apply measures in order to ensure the Project's environmental at Km166+860
11	Ref. GET3-DOOSAN-13-A6-475	August 6, 2013	Urgent notice for the storm and flood
12	Ref. GET3-DOOSAN-13-A6-513	August 30, 2013	Reminding the Contractor on maintenance and protection of traffic
13	Ref. GET3-DOOSAN-13-A6-534	September 11, 2013	Approval of Report on Environmental Monitoring for August 2013
14	Ref. GET3-DOOSAN-13-A6-536	September 12, 2013	HIVAIDS, illicit drug and human trafficking prevention program along the Kunming – Hai Phong transport corridor – Noi Bai – Lao Cai highway project
15	Ref. GET3-DOOSAN-13-A6-547	September 17, 2013	Approval with comments on Disposal areas
16	Ref. GET3-DOOSAN-13-A6-548	September 17, 2013	Comments on the documents of disposal area
17	Ref. GET3-DOOSAN-13-A6-551	September 19, 2013	HIV/AIDS, illicit drug and human trafficking prevention program along the Kunming – Hai Phong transport corridor – Noi Bai – Lao Cai highway project – Assistance to ADB mission for monitoring and evaluation
18	Ref. GET3-DOOSAN-13-A6-553	September 19, 2013	Require the Contractor to apply measures in order to ensure the Project's environmental and safety issues, Package A6

5.7 PACKAGE A7

N°	Document reference	Date	Remark
1	Ref. GET4-GUA-107	2.7.2013	Request of Environmental and safety mitigation measures
2	Ref. EPMU. NBLC-KH-682	8.7.2013	Request to replace the Safety specialist and the Environmental specialist of package A7
3	Ref. EPMU. NBLC-KH-681	10.7.2013	Ensuring Environmental-Occupational safety
4	Ref. GET4-GRBCC-952	12.7.2013	Require to overcome Environmental and Safety problems of Package A7
5	Ref. GET4-Core team-221	18.7.2013	Proposed to deductions or paused payment with Package A7- Due to Non compliance of environmental responsibilities
6	Ref. GET4-Core team-223	26.7.2013	Propose to approve the Project outline "Study on the impact the unauthorized disposal of Unsuitable material, mitigation measures at Km195+500 and Km190+420 of Red river"
7	Ref. GET4-GRBCC-959	26.7.2013	Approve the Brief profile of institute for agriculture environment (IAE)
8	Ref. GET-GUA-116	1.8.2013	Approval the Project outline "Study on the impact the unauthorized disposal of Unsuitable material, mitigation measures at Km195+500 and Km190+420 of Red river"
9	Ref. GET4-GRBCC-964	2.8.2013	Storm preventative application
10	Ref. GET- MISC- 343	2.8.2013	Official certificate for Environmental monitoring activities
11	Ref. GET4-GRBCC-965	5.8.2013	Return the propose Mr. Li Sheng Guang and Mr. Lai Jian Hong will work as new Environment Manager and Safety Manager of package A7
12	Ref. GET4-Core team-226	6.8.2013	Proposed to Approval the report "Study on the impact the unauthorized disposal of Unsuitable material, mitigation measures at Km195+500 and Km190+420 of Red river"
13	Ref. GET-GUA-119	13.8.2013	Comments about the report "Study on the impact the unauthorized disposal of Unsuitable material, mitigation measures at Km195+500 and Km190+420 of Red river"

14	Ref. GET-EPMU-2787	20.8.2013	Submit the specific report about the impact at unauthorized disposal Km195+500 and Km190+420
15	Ref. GET4-GRBCC-974	3.9.2013	The Environmental monitoring plan quarter III, 2013
16	Ref. 1018/EPMUNBLC-KT	9.9..2013	The restoration of unauthorized spoil disposal sites for package A6 (Km166+860) and Package A7 (Km190+420 and Km195+500)
17	Ref. GET4-GRBCC-978	11.9.2013	Submittal again the CV of 02 positions the Environment Manager and Safety Manager of package A7
18	Ref. GET4-GRBCC-978	11.9.2013	Require to overcome Environmental and Safety problems of Package A7
19	Ref. GET-GUA-125	11.9.2013	Compliance with environmental covenants
20	Ref. GET-EPMU-2787	16.9.2013	Treatment and report about dumping soil of package A7
21	Ref. GRBCC- Getinsa-A7- 1731	19.9.2013	Inform about removing concrete batching plant at Km209+300
22	Ref. GET4-GRBCC-988	24.9.2013	Require to stop dumping unsuitable material at Km208+890 and Km209+800

5.8 PACKAGE A8

N°	Document reference	Date	Remark
1	Ref. GET- VIN-089	3.7.2013	Request to Environmental and safety mitigation measures
2	Ref. GET4- Vinaconex-816	12.7.2013	Require to overcome Environmental and Safety problems of Package A8
3	Ref. GET- VIN-094	23.7.2013	Request to Environmental and safety mitigation measures- follow up
4	Ref. GET4- Vinaconex-823	24.7.2013	Require to overcome Environmental and Safety problems of Package A8
5	Ref. GET4- Vinaconex-828	26.7.2013	Safety ensuring for access ladder lead to construction the deck slab of Bridge- Package A8
6	Ref. GET4-Vinaconex-831	2.8.2013	Storm preventative application
7	No 1032/ EPMUNBLC-KT	10.9.2013	Ensure environmental and safety
8	Ref. GET4-Vinaconex-859	11.9.2013	Require to overcome Environmental problems of Package A8
9	Ref. GET- MISC-361	12.9.2013	Compliance with environmental covenants- Package A8
10	Ref. A8-LC-130916-07	16.9.2013	Submit the Report environmental monitoring on construction stage (phase 12- August, 2013) – Package A8.
11	Ref. GET4-Vinaconex-871	25.9.2013	Approved the Report environmental monitoring on construction stage (phase 12- September, 2013) – Package A8

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6. GRIEVANCE INTAKES. PUBLIC CONSULTATION

As Annex 1 it's included a summary table with the grievance intakes about complaints which were expressed by local people affected by the construction works, to the environmental and social impact specialists. Those complaints were written in a form sheet by Consultant, As well, in the table there are included the complaints that contractors and other staff of Consultant collected during the period.

It's supposed that these are not the only existing complaints, but the only ones received or collected by Consultant.

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7. ANNEX 1: GRIEVANCE INTAKES. PUBLIC CONSULTATION

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A1	No complaint						
A2	Km 42+400 ~ Km 44+900	1-Erosion leads soil into cropland and damaged agriculture trees and cropland of local people 2-Drainage system is being blocked due to sedimentation and caused flood in upstream area	22/05/2013	1-Apply the erosion and sediment control measures 2-Verify the damaged assets to compensate properly for local people 3-Restore affected areas and drainage system	1-The Contractor, together with EPMU and the Engineer has contacted local people and authorities to verify the damaged assets and affected areas 2-The insurance firm is contacting local authorities to verify the problem for compensation 3-Erosion and sedimentation control measures have not been applied; drainage system has not been restored and maintained	Consultant's reports	The Contractor is dredging soil from affected croplands
A2	Km 34+780 ~ Km 35+000	Drainage has not been constructed due to technical issue so the local people could not plant new crop due to flood	24/06/2013	1-Install temporary drainage and speed up the drainage system construction work 2-Verify the lost of local people and compensate for them	The Contractor has compensated local people for damage assets	Consultant's reports	

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A2	Km 30+400 ~ Km 30+900	1-Drainage system is being blocked by sedimentation 2-Vibration due to construction work affects adjacent houses	13/10/2013	1-Restore and maintain drainage system 2-Verify the damaged assets and compensate local people	The Contractor is working with local people and authorities to solve this matter	Consultant's reports	
A3	Km 68+000 Resident area	1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	11/06/2013	Watering activities	1- Public roads continue covered by soil and mud 2- Surfaces are regularly watered	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant
A3	Km 53+150 Resident area	Soilslidedown pipe culvertsaffectingtheirrigationsystem	10/12/2012	Closely coordinate with affected HH and local authorities to expedite compensation for damages caused by construction activities.	1- Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land. 2- Implement slope stabilization measures to minimize erosion.	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A3	Km 77+620 Resident area	1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	26/04/2013	Watering activities	1- Public roads continue covered by soil and mud 2- Surfaces are regularly watered	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant
A3	Km 53+150 Resident area	Soilslidedown pipe culvertsaffectingtheirrigationsystem	10/12/2012	Closely coordinate with affected HH and local authorities to expedite compensation for damages caused by construction activities.	1- Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land. 2- Implement slope stabilization measures to minimize erosion.	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant
A3	Km 68+000 Resident area	1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	11/06/2013	Watering activities	1- Public roads continue covered by soil and mud 2- Surfaces are regularly watered	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant
A3	Km 68+100 Resident area	Soilslidedown pipe culvertsaffectingtheirrigationsystem	10/12/2012	Closely coordinate with affected HH and local authorities to expedite compensation for damages caused by construction	1- Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land.	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
				activities.	2- Implement slope stabilization measures to minimize erosion.		
A4	Km 81+420 Resident area	1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	16/07/2013	Watering activities	1- Public roads continue covered by soil and mud 2- Surfaces are regularly watered	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant
A4	Km84+400 (TL321C bridge) Resident area	1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	25/04/2013	Watering activities	1- Public roads continue covered by soil and mud 2- Surfaces are regularly watered	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant
A4	Km 82+000 Resident area	Soilslidedown pipe culvertsaffectingtheirrigationsystem	15/6/2013	Closely coordinate with affected HH and local authorities to expedite compensation for damages caused by construction activities.	1- Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land. 2- Implement slope stabilization measures to	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
					minimize erosion.		
A4	Km84+400 (TL321C bridge) Resident area	1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	25/04/2013	Watering activities	1- Public roads continue covered by soil and mud 2- Surfaces are regularly watered	Consultant's reports	During most of year 2013, not too much works at this location, so impacts were not significant
A4	Km 82+000 Resident area	Soil slid down pipe culverts affecting their irrigation system	15/6/2013	Closely coordinate with affected HH and local authorities to expedite compensation for damages caused by construction activities.	1- Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land. 2- Implement slope stabilization measures to minimize erosion.	Consultant's reports	During most of year 2013, not too much works at this location, so impacts were not significant

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A4	Km 81+420 Resident area	1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	16/07/2013	Watering activities	1- Public roads continue covered by soil and mud 2- Surfaces are regularly watered	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant
A4	Km 82+000 Resident area	Soilslidedown pipe culvertsaffectingtheirirrigationsystem	15/6/2013	Closely coordinate with affected HH and local authorities to expedite compensation for damages caused by construction activities.	1- Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land. 2- Implement slope stabilization measures to minimize erosion.	Consultant's reports	During most of year 2013, not to much works at this location, so impacts were not significant
A5	Km145-Km148; Km141-Km143	The Contractor's activities construction and materials transportation are cause impact to quality of public road, difficulty to vehicles travelling through this location,	22/07/2013	1- Repair damaged road in order to ensure the region's traffic. 2- Comply with Traffic Control Plan in the whole process of project implementation; 3- Stop repeat similar case,	Contractor is applying some of the measures in order to repair damaged roads in order to ensure the region's traffic.	Consultant's reports	

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A5	Km124; Km148; Km150	The Contractor's construction activities and material transportation were caused dusty at this location. This situation is caused impact to air quality.	16/08/2013	1-Apply fully measures in order to minimize dust during project implementation; 2-Comply with Environmental Control and Protection Plant approved by the Engineer; 3-Implement strictly the Engineer's instruction and requirements.	The Contractor is spraying water at this location in order to minimize dusty during project implementation.	Consultant's reports	
A5	Km112; Km137	Local people's land and crops are being affected by the construction activities and no actions have been taken to minimise the impact.	13/09/2013	1- Restore affected land and crops to their original state. 2- Comply with the Project's requirements as well as 3,Environmental Control and Protection	Contractor is applying some of the measures in order to improve this problem	Consultant's reports	

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A6	Public road Km174; Km165	The Contractor is transporting materials on public roads and access roads, some trucks are overload with the load of roads and impact to the quality of road, difficultly to vehicles travelling through these locations.	26/07/2013	1-The Contractor has to comply with Method Statements approved by the Engineer and the project's requirements relating to safety, environment and traffic control during the whole process of construction; 2-Apply measures in order to keep the region's traffic and environment during project implementation;	Contractor is applying some of the measures in order to repair damaged roads in order to ensure the region's traffic.	Consultant's reports	
A6	Public road Km154 Km157, Km184	Trucks are overload and driving with the lights off, this situation is creating a significant risk of overturning and higher damages in case of hitting another vehicle.	2/08/2013	1-Not to allow the trucks to drive so overloaded.; 2-To instruct the drivers to respect the speed limits, the safety distance, the signals and to drive with the lights on;	The Contractor is applying measures in order to solve this matter.	Consultant's reports	

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A6	Km182+200	The Contractor's construction activities are causing impact to some irrigation systems of the region	10/09/2013	<p><i>Actions taken</i></p> <p>1-Comply with the Project's requirements as well as Environmental Control and Protection Plan;</p> <p>2-Fully implement Engineer's instructions and requirements;</p> <p>3-Repair irrigation systems which were impacted by the Contractor's construction activities.</p> <p>- <i>Status:</i></p> <p>Contractor is combining with local authorities and local people in order to solve this problem.</p>	The Contractor is applying measures in order to solve this matter.	Consultant's reports	

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A7	Km193+242	Household don't way to in and out because construction works of Noi Bai- Lao Cai highway	30/12/2011	Required to revoked this house or make the way (UNDERPASS CULVERT) to in and out	EPMU had revoked this house	Consultant's reports	
A7	Km209+200	While construction the earth overflow in fields	13/1/2012	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A7	Km199+100	While construction the earth overflow in fields	13/2/2012	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A7	Km204+307	The follow rate in down tream of pipe culvert flow into fileds	3/12/2012	Client coordinated with household inorder to revoke land	EPMU had revoked this fields and payment money for this household	Consultant's reports	
A7	Km193+700	While construction the earth overflow in fields	17/7/2012	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A7	Km199+100	While construction the earth overflow in fields	14/8/2012	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A7	Km209+200	While construction the earth overflow in fields	25/9/2012	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A7	Km204+307	The follow rate in down tream of pipe culvert flow into fileds	15/11/2012	Client coordinated with household inorder to revoke land	Untill 03/12/2012 the client not yet pay monney for household.	Consultant's reports	
A7	Km204+307	The follow rate in down tream of pipe culvert flow into fileds	3/12/2012	Client coordinated with household inorder to revoke land	EPMU had revoked this fields and payment money for this household	Consultant's reports	
A7	Km211+000	While construction the earth in the down stream of pile culvert overflow in fields	4/1/2013	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A7	Km209+300	Exist road through her house many dust during time construction work.	27/2/2013	Request the contractor to watering at least 02 times/ day in order to air pollution mitigate during time construction work	The contractor had mobilize the watering car inorder to watering at this location but not satisfies	Consultant's reports	
A7	Km192+800	He said that his house effected by the blasting rock using for embankment construction work of the contractor	4/3/2013	Request the contractor to compensate household in order to continue construction work on site	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A7	Km210+200	While construction the earth in the down stream of pile culvert overflow in fields	9/4/2013	Request the contractor to compensate household in order to continue construction work on site	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A7	Km215+200	While construction the earth from embankment slope overflow in fields	3/5/2013	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A7	Km209+329	The exist road on the front of household very dirty in dry season and slippery in raining day	11/6/2013	Request the contractor to watering at least 02 times/ day in sunyday and repair the exist road	The contractor had mobilize the watering car inorder to watering at this location but not satisfies	Consultant's reports	
A7	Km209+329	While construction the earth in the exist road overflow in fields at Km209+329	23/7/2013	Request the contractor to compensate household in order to continue construction work on site	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A7	Km212+100	While construction the earth in the down stream of pile culvert overflow in fields at Km212+100	13/8/2013	Request the contractor to compensate household in order to continue construction work on site	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A7	Km215+000	While construction the earth in the down stream of pile culvert overflow in fields at Km215+000	17/9/2013	Request the contractor to compensate household in order to continue construction work on site	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km232+070	The fields at downstream of pile culvert at , it can flood.	30/12/2011	Required to revoked this fields	EPMU had revoked this fields	Consultant's reports	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A8	Km200+00- Km200+100	The exits road was broken by trucks or any vehicles which usually through this roads	10/1/2012	Require to repair and maintenance the exist road	The contractor had repair and didn't go through this road from May 2012	Consultant's reports	
A8	Km230+480	While construction the earth overflow in fields	22/2/2012	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km238+465	200m canal are obstructed by construction works but the contractor didn't overcome	21/3/2012	Request the contractor to dredging to ensure irrigation system for farmer	The contractor had dredg to ensure irrigation system for farmer	Consultant's reports	
A8	Km238+800	400m canal are obstructed by construction works	25/4/2012	Request the contractor to dredging to ensure irrigation system for farmer	The contractor had dredg to ensure irrigation system for farmer	Consultant's reports	
A8	Km230+527- Km230+660	Earth from embankment road overflow into pond	29/5/2012	Request the contractor and EPMU make a cannal through household to guide the water to drainage system	The contractor had make a box culvert through household to guide the water to drainage system	Consultant's reports	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A8	Km227+065	Earth overflow into Hai Tien Lake due to construction works of the contractor	10/6/2012	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km230+295	While construction the earth overflow in house, garden and pond	25/7/2012	Request the contractor and EPMU make a cannal through household to guide the water to drainage system	Not yet done up to 30/10/2012	Consultant's reports	
A8	Km230+450	While construction the earth overflow in households, garden and pond	22/8/2012	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km222+700-Km222+800	While construction the earth overflow in canal cause obstructed flow rate and decrease the crop productivity	3/10/2012	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A8	Km230+295	While construction the earth overflow in house, garden and pond	26/10/2012	Request the contractor and EPMU make a canal through household to guide the water to drainage system	The contractor had make a box culvert through household to guide the water to drainage system	Consultant's reports	
A8	Km218+040	Washing water of Concrete batching plant could osmose into well, it effect to water quality using for family life.	14/11/2012	Required the contractor to dig a trench to guide the washing water into settling pond	The contractor had dig a trench to guide the washing water into settling pond	Consultant's reports	
A8	Km237+150	While construction the earth in the down stream of pile culvert overflow in fields and pond	7/12/2012	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km231+120	While construction the earth in the down stream of pile culvert overflow in fields	10/1/2013	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km219+150	While construction the earth in the down stream of pile culvert overflow in fields	28/2/2013	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A8	Km222+300	While construction the earth in the down stream of pile culvert overflow in fields	20/3/2013	Request the contractor to dredging or compensation	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km237+900	Household effected (household was cracked due to vibration) by the using machines (roller, excavations) for embankment construction work of the contractor	10/4/2013	Request the contractor to compensate for household	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km237+200	Household effected (household was cracked due to vibration) by the using machines (roller, excavations) for embankment construction work of the contractor	3/5/2013	Request the contractor to compensate for household	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km234+500	While construction the earth in the down stream of pile culvert overflow in fields	12/6/2013	Request the contractor to compensate for household	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km236+700	While construction the earth in the down stream of pile culvert overflow in fields at Km236+700	25/7/2013	Request the contractor to compensate for household	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	

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PACKAGE	LOCATION	COMPLAINT DESCRIPTION	DATE	EXECUTED ACTIONS	CURRENT STATUS	DOCUMENTATION	REMARKS
A8	Km222+000	While construction the earth in the down stream of pile culvert overflow in fields at Km222+000	8/8/2013	Request the contractor to compensate for household	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	
A8	Km240+100	While construction the earth in the down stream of pile culvert overflow in fields at Km240+100	6/9/2013	Request the contractor to compensate for household	The contractor had coordinate with Local Authorities and EPMU to compensate for household	Consultant's reports	



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8. ANNEX 2: DATA OF ENVIRONMENTAL QUALITY PARAMETERS ANALYSIS

***Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project***

8.1 ANNEX 2.1: AIR QUALITY PARAMETERS

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A1

Station	Sensitive Receptors	Sampling Date & Time	PARAMETERS, µg/m ³														
			SO ₂			CO			NO _x			TSP			PM10		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
Km 4+220	Pagoda	Jul Aug Sep	26	26	28	6,900	6,900	6,900	28	28	27	270	270	270	120	120	120
Km 13+100	Resident area	Jul Aug Sep	28	28	27	6,800	6,800	6,800	38	38	37	290	290	280	120	120	130
Km 19+650	School and resident area	Jul Aug Sep	27	27	25	6,700	6,700	6,700	26	26	29	280	280	280	130	130	120
Km 24+900	Nursery Garden	Jul Aug Sep	31	31	37	6,900	6,900	6,800	28	28	27	260	260	290	110	110	120
	QCVN 05:2009/BTNMT		350 (1-hr)			30,000 (1-hr)			200 (1-hr)			300 (1-hr)			150 (24-hr)		
Weather conditions: cloudy, light windy																	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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PACKAGE A2

Station	Sensitive Receptors	Sampling Date & Time	PARAMETERS, µg/m ³														
			SO ₂			CO			NO _x			TSP			PM10		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
Km 34+780	Resident area	Jul Aug Sep	27	27	26	6,700	6,700	6,700	29	29	29	280	280	290	130	130	130
Km 36+500	Resident area	Jul Aug Sep	28	28	27	6,800	6,800	6,900	27	27	28	290	290	270	120	120	120
Km 39+130	Resident area	Jul Aug Sep	26	26	27	6,700	6,700	6,600	27	27	27	270	270	270	110	110	120
	QCVN 05:2009/BTNMT		350 (1-hr)			30,000 (1-hr)			200 (1-hr)			300 (1-hr)			150 (24-hr)		
Weather conditions: sunny, light windy																	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A3

Station	Sensitive Receptors	Sampling Date & Time, weather condition	PARAMETERS, µg/m ³														
			SO ₂			CO			NO _x			TSP			PM10		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Jun
Km48+500	Residential area	16/7/2013 13/8/2013 11/9/2013	89	94	98	3154	3188	3192	21.7	22,6	23.1	198	175	172	120	107	97
Km55+500	Residential area	16/7/2013 13/8/2013 11/9/2013	63	69	065	3585	3661	3683	19.2	20,5	21.1	168	153	149	112	98	91
Km67+700	Residential area	17/7/2013 14/8/2013 12/9/2013	64	69	75	3512	3588	3621	19.5	21	22.3	227	203	189	103	89	83
Km78+900	Street	17/7/2013 14/8/2013 12/9/2013	34	46	51	3422	3511	3575	31	48	58	218	203	193	113	93	87
	QCVN 05:2009/BTNMT		350 (1-hr)			30,000 (1-hr)			200 (1-hr)			300 (1-hr)			150 (24-hr)		
November: Sunny, Windy; November: Sunny, Windy; December: Cloudy, Windy																	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A4

Station	Sensitive Receptors	Sampling Date & Time, weather condition	PARAMETERS, $\mu\text{g}/\text{m}^3$														
			SO ₂			CO			NO _x			TSP			PM10		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
Km91+150	School	18/7/2013 15/8/2013 17/9/2013	132	154	166	3688	3711	3754	24.2	27,5	28.3	130	116	109	115	98	92
Km95+100	Residential area	18/7/2013 15/8/2013 17/9/2013	94	117	132	3667	3725	3778	540	89	96	159	132	118	117	11	103
CPB TanThanh	Residential area	18/7/2013 15/8/2013 17/9/2013	89	98	105	3783	3825	3846	61	85	97	254	225	213	130	11,9	111
Km88+300	Residential area	19/7/2013 16/8/2013 18/9/2013	151	169	182	4025	4088	4120	49	83	89	196	178	167	124	11,4	104
Km104+900	Residential area	19/7/2013 16/8/2013 18/9/2013	142	156	163	3812	3920	3945	59	80	88	161	145	126	114	103	98
Km106+500	Residential area	19/7/2013 16/8/2013 18/9/2013	165	183	194	3924	4021	4103	20.5	21,3	22.5	163	154	141	117	10,3	95
Km106+800	School	19/7/2013 16/8/2013 18/9/2013	133	153	167	3688	3712	3821	57	83	95	124	104	96	98	87	82

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

QCVN 05:2009/BTNMT	350 (1-hr)	30,000 (1-hr)	200 (1-hr)	300 (1-hr)	150 (24-hr)
October, November and December: Cloudy, windy					

PACKAGE A5

According to Environmental Monitoring Plan approved by the Engineer through the letter Ref. GET3-KEANGNAM-11-A5-037 dated 28th March, 2011, the contractor carries out the Environment monitoring with frequency: 1 time / 1 month. Include some indications: SO₂, CO, NO_x, TSP, PM₁₀

Weather condition:

- 26th July, 2013: Cloudy, average temperature 27.8 C, windy speed 0.29 m/s. South-West windy direction
- 16th August, 2013: Cloudy, average temperature 36.1 C, windy speed 0.32 m/s. South-West windy direction
- 26th September, 2013: Sunny, average temperature of 25.5, windy speed 0.45 m/s. South-East windy direction

Station	Sensitive Receptors	Sampling Date & Time, weather condition	PARAMETERS, µg/m ³											
			SO ₂			CO			NO _x			TSP		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
Km117+050	A1	7h:40, 26/07/2013 8h:00, 16/08/2013 7h:30, 26/09/2013	171	192	202	1280	1410	1370	158	165	174	93	87	101
Km117+050	A2	8h:35, 26/07/2013	159	171	193	1730	1580	150	142	157	169	159	172	184

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Station	Sensitive Receptors	Sampling Date & Time, weather condition	PARAMETERS, $\mu\text{g}/\text{m}^3$											
			SO ₂			CO			NO _x			TSP		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
		8h:35, 16/08/2013 7h:55, 26/09/2013												
Km117+050	A3	9h:00, 26/07/2013 9h:10, 16/08/2013 8h:25, 26/09/2013	143	138	147	1620	1510	1430	165	178	195	164	185	202
Km118+820	A4	10h:10, 26/07/2013 10h:00, 16/08/2013 9h:30, 26/09/2013	240	228	245	2750	2920	2740	122	143	154	172	194	212
Km118+820	A5	10h:35, 26/07/2013 10h:40, 16/08/2013 9h:55, 26/09/2013	248	239	268	2440	2790	2810	159	168	180	203	226	247
Km118+820	A6	11h:10, 26/07/2013 10h:25, 16/08/2013	231	223	257	2610	2720	2640	178	184	191	221	232	239

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Station	Sensitive Receptors	Sampling Date & Time, weather condition	PARAMETERS, $\mu\text{g}/\text{m}^3$											
			SO ₂			CO			NO _x			TSP		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
		16h:00, 26/09/2013												
Km121+433	A7	14h:10, 26/07/2013 14h:20, 16/08/2013 15h:00, 26/09/2013	273	284	297	2730	2840	2980	165	176	174	169	174	101
Km121+433	A8	14h:45, 26/07/2013 14h:50, 16/08/2013 15h:40, 26/09/2013	258	278	273	2580	2630	2760	172	187	169	148	151	184
Km121+433	A9	15h:15, 26/07/2013 15h:25, 16/08/2013 16h:10, 26/09/2013	296	305	315	3290	3530	3690	169	172	195	192	203	202
		QCVN 05:2009/BTNM T	350 (1-hr)			30,000 (1-hr)			200 (1-hr)			300 (1-hr)		

Notes:

A1, A2, A3: Sampling points are close to Bao Long Church area (Km117+050): (GPS: N 21.40.269; E 104.53.057)



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A4, A5, A6: Sampling points are close to Hop Minh My bridge construction site (Km118+820): (GPS: N 21.40.801; E 104.52.259)

A7, A8, A9: Sampling points are close to National Road bridge construction site (Km121+433): (GPS: N 21.41.609; E 104.51.171)

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Noi Bai – Lao Cai Highway Project**

PACKAGE A6

According to Environmental Monitoring Plan approved by the Engineer through the letter Ref. Ref. GET3-DOOSAN-11-A6-139 dated 16th April, 2011, the contractor carries out the Environment monitoring with frequency: 1 time / 3 month. Include some indications: SO₂, CO, NO_x, TSP, PM₁₀

Weather condition: Sunny, light wind

Station	Sensitive Receptors	Sampling Date & Time, weather condition	PARAMETERS, µg/m ³														
			SO ₂			CO			NO _x			TSP			HC		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
Km155+360	A6/K1	7h:40, 10/9/2013	-	-	170	-	-	2070	-	-	60	-	-	280	-	-	-
Km155+360	A6/K2	18h:40, 10/9/2013	-	-	180	-	-	1710	-	-	70	-	-	240	-	-	-
Km155+360	A6/K3	22h:00, 10/9/2013	-	-	160	-	-	1690	-	-	60	-	-	220	-	-	-
Km159+400	A6/K4	8h:50, 10/9/2013	-	-	220	-	-	2270	-	-	90	-	-	260	-	-	-
Km159+400	A6/K5	20h:30, 10/9/2013	-	-	180	-	-	2150	-	-	70	-	-	230	-	-	-
Km159+400	A6/K6	22h:40, 10/9/2013	-	-	170	-	-	1930	-	-	70	-	-	210	-	-	-
Km162+800	A6/K7	10h:15, 10/9/2013	-	-	190	-	-	2560	-	-	80	-	-	290	-	-	-
Km162+800	A6/K8	21h:40, 10/9/2013	-	-	200	-	-	2120	-	-	90	-	-	250	-	-	-
Km162+800	A6/K9	23h:10,	-	-	170	-	-	1830	-	-	60	-	-	220	-	-	-

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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Station	Sensitive Receptors	Sampling Date & Time, weather condition	PARAMETERS, $\mu\text{g}/\text{m}^3$														
			SO ₂			CO			NO _x			TSP			HC		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
		10/9/2013															
Km165+300	A6/K10	11h:30, 10/9/2013	-	-	210	-	-	2960	-	-	100	-	-	290			-
Km165+300	A6/K11	22h:00, 10/9/2013	-	-	180	-	-	2330	-	-	80	-	-	250	-	-	-
Km165+300	A6/K12	23h:50, 10/9/2013	-	-	160	-	-	1750	-	-	50	-	-	220	-	-	-
		QCVN 05:2009/BTNMT	350 (1-hr)			30,000 (1-hr)			200 (1-hr)			300 (1-hr)			5000 (1-hr)		

Notes:

A6/K1, A6/K2, A6/K3: Sampling points are close to Tan Hop Church area (Km155+360) – X (m): 2.423.253 – Y (m): 461.635

A6/K4, A6/K5, A6/K6: Sampling points are close to Tan Hop Primary School area (Km159+400) – X (m): 2.425.610 – Y (m): 458.440

A6/K7, A6/K8, A6/K9: Sampling points are close to Vinasan's concrete station (Km162+800) – X (m): 2.428.188 – Y (m): 456.100

A6/K10, A6/K11, A6/K12: Sampling points are close to White stone vina's concrete station (Km165+300) – X (m): 2.430.266 – Y (m): 455.303

PACKAGE A7

In this quarter, Contractor for Package A7 (GRBCC) did not carry out Environment monitoring, thus they do not have results to be included in this report. Consultant requested to carry out these activities and proposed a financial penalty because of this.

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Noi Bai – Lao Cai Highway Project**

PACKAGE A8

Station	Sensitive Receptors	Sampling Date & Time, weather condition	PARAMETERS, $\mu\text{g}/\text{m}^3$														
			SO ₂			CO			NO _x			TSP			PM10		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep	Jul	Aug	Sep
Km219+800	KK01	14h30, 30/8/2013	-	44	-	-	1960	-	-	26	-	-	750	-	-	-	-
Km222+580	KK02	15h30, 30/8/2013	-	40	-	-	1720	-	-	24	-	-	700	-	-	-	-
Km224+396	KK03	9h30, 30/8/2013	-	52	-	-	2050	-	-	30	-	-	1380	-	-	-	-
Km233+540	KK04	11h30, 30/8/2013	-	55	-	-	2500	-	-	38	-	-	1300	-	-	-	-
Km231+910	KK05	10h30, 30/8/2013	-	42	-	-	2130	-	-	32	-	-	1400	-	-	-	-
Km239+560	KK06	8h30, 30/8/2013	-	31	-	-	1520	-	-	22	-	-	660	-	-	-	-
Km244+570	KK07	7h30, 30/8/2013	-	40	-	-	1800	-	-	25	-	-	1000	-	-	-	-
Km218+040	KK08	13h30, 30/8/2013	-	56	-	-	2550	-	-	40	-	-	1580	-	-	-	-
QCVN 05:2009/BTNMT			350 (1-hr)			30,000 (1-hr)			200 (1-hr)			300 (1-hr)			150 (24-hr)		

Notes:

KK-01: Near the starting point of project. Sonha primary School -No 2. Anhang branch (GPS: X: 0444528; Y: 2465155);

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- KK-02: Sonha primary School -No 2. Sonha commune (GPS: X: 0442467; Y: 2467048);
- KK-03: Near Nangsom pre-school. near gate of Kheden village. Sonha commune (GPS: X: 0441002; Y: 2468268);
- KK-04: Xuan Giao road junction (GPS: X: 0434014; Y: 2471438);
- KK-05: Mixing concrete station - Near Xuangiao High school – Lang Pheo branch (GPS: X: 0434634; Y: 2470881);
- KK-06: Giaphu primary School – No 3 (GPS: X: 0428722; Y: 2474582);
- KK-07: Point of intersection with Binh Minh road (IC 18) near petrol station (GPS: X: 0425492; Y: 2478828);
- KK-08: The concrete mixing plant (GPS: X: 0445343; Y: 2463947).

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8.2 ANNEX 2.2: WATER QUALITY PARAMETERS

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A1

July

Location		pH	TSS (mg/l)	Total Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Petroleum (mg/l)	DO (mg/l)
Ca Lo River – Phuc Yen, Vinh Phuc	Upstream	7.99	49	28	3,100	0.059	5.66
	Downstream	7.87	47	32	2,800	0.056	5.52
Quang Khai River, Binh Xuyen, Vinh Phuc	Upstream	7.29	48	29	3,200	0.061	5.91
	Downstream	7.35	46	27	2,900	0.063	5.82
QCVN 08:2008/BTNMT, Column B1		5.5~9	50	100	7,500	0.10	≥ 4

August

Location		pH	TSS (mg/l)	Total Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Petroleum (mg/l)	DO (mg/l)
Ca Lo River – Phuc Yen, Vinh Phuc	Upstream	7.99	49	28	3,100	0.059	5.66
	Downstream	7.87	47	32	2,800	0.056	5.52
Quang Khai River, Binh Xuyen, Vinh Phuc	Upstream	7.29	48	29	3,200	0.061	5.91
	Downstream	7.35	46	27	2,900	0.063	5.82
QCVN 08:2008/BTNMT Column B1		5.5~9	50	100	7,500	0.10	≥ 4

September

Location		pH	TSS (mg/l)	Total Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Petroleum (mg/l)	DO (mg/l)
Ca Lo River – Phuc Yen, Vinh Phuc	Upstream	7.95	47	28	3,100	0.059	5.65
	Downstream	7.84	46	32	2,800	0.055	5.54
Quang Khai River, Binh Xuyen, Vinh Phuc	Upstream	7.28	48	29	3,000	0.068	5.91
	Downstream	7.38	45	27	2,900	0.069	5.81
QCVN 08:2008/BTNMT Column B1		5.5~9	50	100	7,500	0.10	≥ 4

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PACKAGE A2

July

Location		pH	TSS (mg/l)	Total Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Petroleum (mg/l)	DO (mg/l)
Lo River – Central point	Upstream	6.95	48	35	3,100	0.066	6.13
	Downstream	7.78	45	34	3,400	0.068	6.17
Lo River – Right side	Upstream	7.68	46	32	3,200	0.059	6.15
	Downstream	7.47	44	33	3,300	0.058	6.09
Lo River – Left side	Upstream	6.99	47	35	3,400	0.057	6.14
	Downstream	7.46	46	32	3,200	0.056	6.07
Tan Dung Bridge	Upstream	6.39	48	33	2,800	0.059	5.59
	Downstream	7.49	45	34	3,000	0.055	5.57
Muong Dao Bridge	Upstream	6.79	47	27	2,900	0.058	5.93
	Downstream	7.91	46	25	3,100	0.056	5.81
Ben Gao Bridge	Upstream	7.35	45	28	3,300	0.057	6.16
	Downstream	6.96	44	31	3,200	0.059	5.94
Song Dao Bridge	Upstream	6.85	46	29	2,900	0.058	6.12
	Downstream	7.27	47	28	2,700	0.057	6.15
QCVN 08:2008/BTNMT Column B1		5.5~9	50	100	7,500	0.10	≥ 4

August

Location		pH	TSS (mg/l)	Total Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Petroleum (mg/l)	DO (mg/l)
Lo River – Central point	Upstream	6.95	48	35	3,100	0.066	6.13
	Downstream	7.78	45	34	3,400	0.068	6.17
Lo River – Right side	Upstream	7.68	46	32	3,200	0.059	6.15
	Downstream	7.47	44	33	3,300	0.058	6.09
Lo River – Left side	Upstream	6.99	47	35	3,400	0.057	6.14
	Downstream	7.46	46	32	3,200	0.056	6.07

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Location		pH	TSS (mg/l)	Total Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Petroleum (mg/l)	DO (mg/l)
Tan Dung Bridge	Upstream	6.39	48	33	2,800	0.059	5.59
	Downstream	7.49	45	34	3,000	0.055	5.57
Muong Dao Bridge	Upstream	6.79	47	27	2,900	0.058	5.93
	Downstream	7.91	46	25	3,100	0.056	5.81
Ben Gao Bridge	Upstream	7.35	45	28	3,300	0.057	6.16
	Downstream	6.96	44	31	3,200	0.059	5.94
Song Dao Bridge	Upstream	6.85	46	29	2,900	0.058	6.12
	Downstream	7.27	47	28	2,700	0.057	6.15
QCVN 08:2008/BTNMT Column B1		5.5~9	50	100	7,500	0.10	≥ 4

September

Location		pH	TSS (mg/l)	Total Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Petroleum (mg/l)	DO (mg/l)
Lo River – Central point	Upstream	6.92	48	33	3,100	0.061	6.16
	Downstream	7.75	46	31	3,400	0.066	6.13
Lo River – Right side	Upstream	7.68	47	32	3,300	0.055	6.14
	Downstream	7.45	45	33	3,200	0.052	6.09
Lo River – Left side	Upstream	6.91	46	35	3,400	0.059	6.11
	Downstream	7.44	48	34	3,100	0.058	6.06
Tan Dung Bridge	Upstream	6.35	47	33	2,700	0.056	5.59
	Downstream	7.42	49	31	3,000	0.057	5.53
Muong Dao Bridge	Upstream	6.77	48	28	2,900	0.058	5.98
	Downstream	7.99	46	26	3,200	0.059	5.85
Ben Gao Bridge	Upstream	7.32	47	29	3,400	0.055	6.14
	Downstream	6.96	45	31	3,600	0.057	5.91
Song Dao Bridge	Upstream	6.89	47	28	2,900	0.058	6.14
	Downstream	7.25	46	27	2,700	0.058	6.13
QCVN 08:2008/BTNMT Column B1		5.5~9	50	100	7,500	0.10	≥ 4

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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PACKAGE A3

July

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
Km 67+000	pH	6,69	6,67	6,68	5,5 – 9
	TSS	22	22	22	50
	Fecal Coliform	39	37	38	100
	Total Coliform	6.700	6.700	6.700	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	11	10	11	15
	COD	20	20	20	30
	Total Nitrogen	1,64	1,64	1,64	-
	Total Phosphor	0,85	0,84	0,85	-
Km 78+000	pH	6,60	6,60	6,60	5,5 – 9
	TSS	18	17	18	50
	Fecal Coliform	27	27	27	100
	Total Coliform	6.650	6.650	6.650	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	10	9	10	15
	COD	20	18	19	30
	Total Nitrogen	1,66	1,65	1,66	-
	Total Phosphor	1,55	1,53	1,54	-

August

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
Km 67+000	pH	6,76	6,74	6,75	5,5 – 9
	TSS	27	27	27	50
	Fecal Coliform	37	35	36	100
	Total Coliform	6.550	6.550	6.550	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	10,4	10,3	10,4	15
	COD	18,9	18,9	18,9	30
	Total Nitrogen	1,53	1,53	1,53	-
	Total Phosphor	0,68	0,68	0,68	-

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
Km 78+000	pH	6,69	6,69	6,69	5,5 – 9
	TSS	28	26	27	50
	Fecal Coliform	24	24	24	100
	Total Coliform	6.480	6.480	6.480	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	9,2	9,0	9,2	15
	COD	17,6	17,7	17,8	30
	Total Nitrogen	1,51	1,51	1,51	-
	Total Phosphor	1,64	1,62	1,63	-

September

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
Km 67+000	pH	6,73	6,71	6,72	5,5 – 9
	TSS	31	30	31	50
	Fecal Coliform	32	32	32	100
	Total Coliform	6.500	6.500	6.500	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	9,8	9,6	9,7	15
	COD	17,3	17,1	17,2	30
	Total Nitrogen	1,48	1,48	1,48	-
	Total Phosphor	0,64	0,64	0,64	-
Km 78+000	pH	6,73	6,73	6,73	5,5 – 9
	TSS	33	31	32	50
	Fecal Coliform	26	25	26	100
	Total Coliform	6.410	6.410	6.410	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	9,4	9,3	9,4	15
	COD	18,1	18,0	18,1	30
	Total Nitrogen	1,45	1,45	1,45	-
	Total Phosphor	1,56	1,55	1,56	-

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PACKAGE A4

July

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
Km 88+700	pH	6,82	6,81	6,82	5,5 – 9
	TSS	49	47	48	50
	Fecal Coliform	11	11	11	100
	Total Coliform	4.810	4.810	4.810	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	8,4	8,2	8,3	15
	COD	16,5	16,4	16,5	30
	Total Nitrogen	1,11	1,11	1,11	-
	Total Phosphor	0,55	0,54	0,55	-
Km 97+500	pH	6,85	6,85	6,85	5,5 – 9
	TSS	42	42	42	50
	Fecal Coliform	16	14	15	100
	Total Coliform	5.550	5.550	5.550	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	7,9	7,8	7,9	15
	COD	15,8	15,8	15,8	30
	Total Nitrogen	0,89	0,89	0,89	-
	Total Phosphor	0,47	0,45	0,46	-
Km 101+000 to Km 101+900	pH	6,94	6,94	6,94	5,5 – 9
	TSS	41	39	40	50
	Fecal Coliform	11	11	11	100
	Total Coliform	4.900	4.900	4.900	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	8,9	8,8	8,9	15
	COD	16,3	16,3	16,3	30
	Total Nitrogen	0,69	0,68	0,68	-
	Total Phosphor	0,57	0,56	0,57	-
Km 109+000	pH	6,96	6,96	6,96	5,5 – 9
	TSS	47	45	46	50
	Fecal Coliform	12	12	12	100
	Total Coliform	4.750	4.750	4.750	7.500
	Petroleum	KPH	KPH	KPH	0,1

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
	BOD	12	10	11	15
	COD	20	19	20	30
	Total Nitrogen	1,25	1,25	1,25	-
	Total Phosphor	0,67	0,66	0,67	-
Km 108+227	pH	6,78	6,78	6,78	5,5 – 9
	TSS	48	46	47	50
	Fecal Coliform	12	12	12	100
	Total Coliform	5.100	5.100	5.100	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	9,2	9,0	9,1	15
	COD	17,2	17,1	17,2	30
	Total Nitrogen	0,84	0,84	0,84	-
	Total Phosphor	0,66	0,65	0,66	-

August

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
Km 88+700	pH	13	13	13	5,5 – 9
	TSS	5.460	5.460	5.460	50
	Fecal Coliform	KPH	KPH	KPH	100
	Total Coliform	7,2	7,0	7,1	7.500
	Petroleum	15,3	15,1	15,2	0,1
	BOD	0,80	0,80	0,80	15
	COD	0,38	0,38	0,38	30
	Total Nitrogen	7,03	7,03	7,03	-
	Total Phosphor	46	44	45	-
Km 97+500	pH	9	9	9	5,5 – 9
	TSS	4.800	4.800	4.800	50
	Fecal Coliform	KPH	KPH	KPH	100
	Total Coliform	7,9	7,9	7,9	7.500
	Petroleum	15,2	15,1	15,2	0,1
	BOD	0,63	0,63	0,63	15
	COD	0,50	0,49	0,50	30
	Total Nitrogen	7,05	7,05	7,05	-

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
	Total Phosphor	50	50	50	-
Km 101+000 to Km 101+900	pH	10	9	10	5,5 – 9
	TSS	4.680	4.680	4.680	50
	Fecal Coliform	KPH	KPH	KPH	100
	Total Coliform	9,3	9,1	9,2	7.500
	Petroleum	17,9	17,9	17,9	0,1
	BOD	1,13	1,11	1,12	15
	COD	0,54	0,54	0,54	30
	Total Nitrogen	6,88	6,87	6,88	-
	Total Phosphor	50	50	50	-
Km 109+000	pH	10	9	10	5,5 – 9
	TSS	5.000	5.000	5.000	50
	Fecal Coliform	KPH	KPH	KPH	100
	Total Coliform	8,3	8,3	8,3	7.500
	Petroleum	16,7	16,5	16,6	0,1
	BOD	0,75	0,75	0,75	15
	COD	0,59	0,57	0,58	30
	Total Nitrogen	13	13	13	-
	Total Phosphor	5.460	5.460	5.460	-
Km 108+227	pH	KPH	KPH	KPH	5,5 – 9
	TSS	7,2	7,0	7,1	50
	Fecal Coliform	15,3	15,1	15,2	100
	Total Coliform	0,80	0,80	0,80	7.500
	Petroleum	0,38	0,38	0,38	0,1
	BOD	7,03	7,03	7,03	15
	COD	46	44	45	30
	Total Nitrogen	9	9	9	-
	Total Phosphor	4.800	4.800	4.800	-

September

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
Km 88+700	pH	6,92	6,91	6,91	5,5 – 9
	TSS	42	42	42	50

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
	Fecal Coliform	12	10	11	100
	Total Coliform	4.500	4.500	4.500	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	7,1	7,1	7,1	15
	COD	14,6	14,4	14,5	30
	Total Nitrogen	1,14	1,14	1,14	-
	Total Phosphor	0,65	0,64	0,65	-
Km 97+500	pH	6,96	6,96	6,96	5,5 – 9
	TSS	49	47	48	50
	Fecal Coliform	11	11	11	100
	Total Coliform	5.200	5.200	5.200	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	6,4	6,3	6,4	15
	COD	13,3	13,2	13,3	30
	Total Nitrogen	0,73	0,71	0,72	-
	Total Phosphor	0,45	0,45	0,45	-
Km 101+000 to Km 101+900	pH	6,99	6,97	6,98	5,5 – 9
	TSS	49	49	49	50
	Fecal Coliform	11	11	11	100
	Total Coliform	4.550	4.550	4.550	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	6,3	6,1	6,2	15
	COD	13,6	13,4	13,5	30
	Total Nitrogen	0,74	0,74	0,74	-
	Total Phosphor	0,66	0,64	0,65	-
Km 109+000	pH	7,02	7,00	7,01	5,5 – 9
	TSS	45	45	45	50
	Fecal Coliform	12	10	11	100
	Total Coliform	4.500	4.500	4.500	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	8,3	8,1	8,2	15
	COD	15,6	15,6	15,6	30
	Total Nitrogen	1,24	1,22	1,23	-
	Total Phosphor	0,49	0,49	0,49	-
Km 108+227	pH	6,93	6,91	6,92	5,5 – 9
	TSS	47	47	47	50

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Order	Monitoring Items	Max. value (mg/l)	Min. value (mg/l)	Average Value (mg/l)	QCVN 08:2008/BTNMT Column B1
	Fecal Coliform	10	8	9	100
	Total Coliform	4.750	4.750	4.750	7.500
	Petroleum	KPH	KPH	KPH	0,1
	BOD	7,7	7,6	7,7	15
	COD	14,8	14,7	14,8	30
	Total Nitrogen	0,82	0,82	0,82	-
	Total Phosphor	0,62	0,60	0,61	-

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Noi Bai – Lao Cai Highway Project**

PACKAGE A5

According to Environmental Monitoring Plan approved by the Engineer through the letter Ref. GET3-KEANGNAM-11-A5-037 dated 28th March, 2011, the contractor carried out the Environment monitoring with frequency: 1 time / 1 month. Include some indications: pH, DO, TSS, COD, BOD₅, Surfactant, Oil and grease, Fecal coliform, total coliform.

July

Station	Sampling Date & Time, weather condition	pH	DO	TSS	COD	BOD5 (20°C)	Surf.	Oil and Grease	Fecal Coliform	Total Coliform
		-	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml	MPN/100ml
Km145+500	7h:40, 25/7/2013	7,2	6,5	31	7	< 5	< 0,1	< 0,1	78	1080
Km145+500	8h:00, 25/7/2013	7,1	6,2	41	6	< 5	< 0,1	< 0,1	42	780
Km145+500	8h:15, 25/7/2013	7,4	6,1	38	6	< 5	< 0,1	< 0,1	58	760
Km145+500	8h:30, 25/7/2013	7,1	6,3	32	7	< 5	< 0,1	< 0,1	37	610
Km126+000	10h:00, 25/7/2013	6,9	6,4	27	8	< 5	< 0,1	< 0,1	40	930
Km126+000	10h:15, 25/7/2013	7,3	6,4	30	8	< 5	< 0,1	< 0,1	56	810
Km126+000	10h:25, 25/7/2013	7,2	6,1	38	7	< 5	< 0,1	< 0,1	43	770
Km126+000	10h:40, 25/7/2013	6,8	5,9	33	7	< 5	< 0,1	< 0,1	39	850
Km122+000	14h:10, 25/7/2013	6,7	5,6	35	23	12	0,21	0,04	42	4100
Km122+000	14h:25, 25/7/2013	6,3	5,4	36	21	11	0,26	0,05	518	5200
Km122+000	14h:40, 25/7/2013	6,4	5,8	40	20	13	0,29	0,07	501	5500
Km122+000	15h:00, 25/7/2013	6,6	5,2	32	22	14	0,20	0,06	556	5800
QCVN08:08		5,5 - 9	≥ 4	50	30	15	0,4	0,1	100	7500
Weather condition: 26th April, 2013: Sunny, average temperature 26.4 C, windy speed 0.34 m/s. South-East windy direction.										

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

August

Station	Sampling Date & Time, weather condition	pH	DO	TSS	COD	BOD5 (20°C)	Surf.	Oil and Grease	Fecal Coliform	Total Coliform
		-	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml	MPN/100ml
Km145+500	7h:40, 25/7/2013	6,9	6,8	39	9	< 5	< 0,1	< 0,1	69	1120
Km145+500	8h:00, 25/7/2013	7,2	6,4	44	7	< 5	< 0,1	< 0,1	54	990
Km145+500	8h:15, 25/7/2013	7,3	6,5	41	8	< 5	< 0,1	< 0,1	66	820
Km145+500	8h:30, 25/7/2013	6,8	6,7	46	8	< 5	< 0,1	< 0,1	45	730
Km126+000	10h:00, 25/7/2013	6,7	6,9	31	9	< 5	< 0,1	< 0,1	44	980
Km126+000	10h:15, 25/7/2013	7,1	6,3	34	7	< 5	< 0,1	< 0,1	62	920
Km126+000	10h:25, 25/7/2013	6,9	6,4	40	7	< 5	< 0,1	< 0,1	49	810
Km126+000	10h:40, 25/7/2013	7,2	6,2	37	8	< 5	< 0,1	< 0,1	48	890
Km122+000	14h:10, 25/7/2013	6,9	5,8	39	19	10	0,18	0,02	46	4300
Km122+000	14h:25, 25/7/2013	6,5	5,9	43	20	9	0,24	0,04	530	4900
Km122+000	14h:40, 25/7/2013	6,8	6,1	44	18	8	0,21	0,05	516	5100
Km122+000	15h:00, 25/7/2013	6,4	5,7	37	21	12	0,19	0,03	572	5300
QCVN08:08		5,5 - 9	≥ 4	50	30	15	0,4	0,1	100	7500
Weather condition: 26th April, 2013: Sunny, average temperature 26.4 C, windy speed 0.34 m/s. South-East windy direction.										

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September

Station	Sampling Date & Time, weather condition	pH	DO	TSS	COD	BOD5 (20°C)	Surf.	Oil and Grease	Fecal Coliform	Total Coliform
		-	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml	MPN/100ml
Km145+500	7h:35, 26/09/2013	6,6	6,5	41	10	< 5	< 0,1	< 0,1	72	1030
Km145+500	8h:15, 26/09/2013	7,0	6,6	46	9	< 5	< 0,1	< 0,1	57	1020
Km145+500	8h:40, 26/09/2013	6,9	6,8	42	7	< 5	< 0,1	< 0,1	61	930
Km145+500	9h:10, 26/09/2013	6,5	6,4	45	6	< 5	< 0,1	< 0,1	42	760
Km126+000	10h:50, 26/09/2013	6,9	6,2	36	8	< 5	< 0,1	< 0,1	51	1040
Km126+000	11h:20, 26/09/2013	7,0	6,5	37	5	< 5	< 0,1	< 0,1	68	940
Km126+000	11h:35, 26/09/2013	6,8	6,1	43	7	< 5	< 0,1	< 0,1	52	820
Km126+000	11h:40, 26/09/2013	6,9	6,4	38	8	< 5	< 0,1	< 0,1	56	930
Km122+000	14h:15, 26/09/2013	7,1	6,0	40	25	11	0,22	0,06	52	4200
Km122+000	14h:40, 26/09/2013	6,6	6,2	42	26	12	0,27	0,05	528	4600
Km122+000	15h:15, 26/09/2013	6,9	6,6	46	21	9	0,29	0,08	504	5200
Km122+000	16h:40, 26/09/2013	6,5	5,9	39	23	14	0,25	0,04	568	5600
QCVN08:08		5,5 - 9	≥ 4	50	30	15	0,4	0,1	100	7500
Weather condition: 26th April, 2013: Sunny, average temperature 26.4 C, windy speed 0.34 m/s. South-East windy direction.										

Notes:

W1: Ngoi Thia river (Km145+500) – The bridge pier (N21°50'961"; E104°42'500")

W2: Ngoi Thia river (Km145+500) – 50m from the bridge pier (toward upstream)
(N21°50'960"; E104°42'483")

W3: Ngoi Thia river (Km145+500 – 200 m from the bridge pier (toward downstream)
(N21°50'982"; E104°42'521")

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- W4: Ngoi Thia river (Km145+500 – 400 m from the bridge pier (toward downstream)
(N21°50'998"; E104°42'539")
- W5: Y Can lake (Km126+000) – Surface water sample at position No. 1 (N21°44'038";
E104°49'496")
- W6: Y Can lake (Km126+000) – Surface water sample at position No. 2 (N21°44'046";
E104°49'503")
- W7: Y Can lake (Km126+000) – Surface water sample at position No. 3 (N21°44'067";
E104°45'553")
- W8: Y Can lake (Km126+000) – Surface water sample at position No. 4 (N21°44'079";
E104°45'571")
- W9: Nuoc Mat lake (Km122+000) – Surface water sample at position No. 1 (N21°44'741";
E104°50'492")
- W10: Nuoc Mat lake (Km122+000) – Surface water sample at position No. 2
(N21°44'711"; E104°50'935")
- W11: Nuoc Mat lake (Km122+000) – Surface water sample at position No. 3
(N21°44'726"; E104°50'955")
- W12: Nuoc Mat lake (Km122+000) – Surface water sample at position No. 4
(N21°44'725"; E104°50'965")

** Nuoc Mat lake (W9, W10, W11 and W12) has a small area and locates in the residential area with dense population density. The area of lake tends to be smaller because of site clearance as well as encroachment by inhabitants. Because domestic wastewater from residential areas discharges into Nuoc Mat lake, water quality of the lake is polluted partly although the measured values are within acceptable limits in QCVN 08:2008 – column B1.*

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PACKAGE A6

According to Environmental Monitoring Plan approved by the Engineer through the letter Ref. Ref. GET3-DOOSAN-11-A6-139 dated 16th April, 2011. The contractors carry out the Environment monitoring with frequency: 1 time / 1 month. Include some indications: pH, DO, TSS, COD, BOD₅, Surfactant, Oil and grease, Fecal coliform, total coliform.

July

Station	Sensitive Receptors	Sampling Date & Time, weather condition	pH	DO	TSS	COD	BOD ₅ (20°C)	Surf.	Oil and Grease	Fecal Coliform	Total Coliform
			-	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml	MPN/100ml
Km165+100	NM1	8h:00, 16/6/2013	6.5	6.5	41	7.2	3.6	0.005	0.04	47	524
Km165+100	NM2	8h:10, 16/6/2013	7.1	6.3	46	6.3	3.1	0.004	0.08	36	517
Km165+100	NM3	8h:20, 16/6/2013	7.4	5.6	43	8.2	4.2	0.006	0.07	32	546
Km165+100	NM4	8h:30, 16/6/2013	7.2	6.4	47	8.4	4.1	0.003	0.06	27	523
Km186+200	NM5	9h:40, 16/6/2013	6.1	6.9	32	6.6	3.8	0.004	0.03	28	611
Km186+200	NM6	9h:50, 16/6/2013	6.9	6.7	35	6.5	3.2	0.007	0.05	27	656
Km186+200	NM7	10h:05, 16/6/2013	7.2	6.3	36	5.7	2.9	0.004	0.04	36	574
Km186+200	NM8	10h:20, 16/6/2013	7.2	6.6	34	5.1	2.5	0.006	0.06	24	536
Km186+730	NM9	10h:40, 16/6/2013	7.2	6.1	37	7.2	3.6	0.003	0.05	33	542
Km186+730	NM10	10h:50, 16/6/2013	6.9	6.5	34	7.6	3.7	0.002	0.07	27	459
Km186+730	NM11	11h:10, 16/6/2013	7.2	6.6	35	8.4	4.1	0.004	0.03	38	532
Km186+730	NM12	16h:40, 16/6/2013	7.2	6.3	36	8.5	4.4	0.005	0.06	25	495

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Station	Sensitive Receptors	Sampling Date & Time, weather condition	pH	DO	TSS	COD	BOD ₅ (20°C)	Surf.	Oil and Grease	Fecal Coliform	Total Coliform
			-	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml
QCVN08:08			5,5-9	≥ 4	50	30	15	0,4	0,1	100	7500
Weather condition: Sunny, light wind											

August

Station	Sensitive Receptors	Sampling Date & Time, weather condition	pH	DO	TSS	COD	BOD ₅ (20°C)	Surf.	Oil and Grease	Fecal Coliform	Total Coliform
			-	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml	MPN/100ml
Km165+100	NM1	8h:10, 12/8/2013	6.6	6.1	43	6.9	3.6	0.008	0.06	57	567
Km165+100	NM2	8h:20, 12/8/2013	7.1	6.5	41	6.7	3.5	0.005	0.07	41	624
Km165+100	NM3	8h:35, 12/8/2013	7.3	5.4	48	8.1	4.1	0.004	0.05	54	556
Km165+100	NM4	9h:00, 12/8/2013	7.3	6.6	46	8.9	4.4	0.005	0.04	33	537
Km186+200	NM5	9h:500, 12/8/2013	6.8	6.2	39	6.7	3.7	0.007	0.05	29	625
Km186+200	NM6	10h:10, 12/8/2013	6.7	6.3	37	6.3	3.3	0.006	0.03	31	616
Km186+200	NM7	10h:20, 12/8/2013	7.0	6.5	33	5.9	2.8	0.005	0.02	30	547
Km186+200	NM8	10h:35, 12/8/2013	7.2	6.7	36	5.8	2.2	0.003	0.03	27	529
Km186+730	NM9	11h:00, 12/8/2013	7.1	6.6	35	7.4	3.8	0.005	0.07	36	515
Km186+730	NM10	11h:15, 12/8/2013	6.7	6.1	32	7.1	3.6	0.004	0.05	25	489
Km186+730	NM11	11h:25, 12/8/2013	7.1	6.5	38	8.5	4.3	0.002	0.05	31	547
Km186+730	NM12	11h:40, 12/8/2013	7.1	6.9	31	8.8	4.2	0.003	0.03	28	423
QCVN08:08			5,5-9	≥ 4	50	30	15	0,4	0,1	100	7500

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Station	Sensitive Receptors	Sampling Date & Time, weather condition	pH	DO	TSS	COD	BOD ₅ (20°C)	Surf.	Oil and Grease	Fecal Coliform	Total Coliform
			-	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml	MPN/100ml
Weather condition: Sunny, light wind											

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Noi Bai – Lao Cai Highway Project**

September

Station	Sensitive Receptors	Sampling Date & Time, weather condition	pH	DO	TSS	COD	BOD ₅ (20°C)	Surf.	Oil and Grease	Fecal Coliform	Total Coliform
			-	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml	MPN/100ml
Km165+100	NM1	7h:45, 10/9/2013	7.3	6.1	46	7.3	3.5	0.005	0.06	31	527
Km165+100	NM2	8h:20, 10/9/2013	7.2	6.5	45	7.5	3.7	0.002	0.04	33	536
Km165+100	NM3	8h:35, 10/9/2013	7.2	5.3	41	8.1	4.2	0.003	0.05	27	479
Km165+100	NM4	9h:00, 10/9/2013	7.3	5.9	47	8.4	4.6	0.004	0.04	30	493
Km186+200	NM5	10h:20, 10/9/2013	6.7	5.8	39	5.7	3.1	0.002	0.06	29	524
Km186+200	NM6	10h:40, 10/9/2013	6.9	5.4	41	6.3	3.5	0.003	0.05	26	538
Km186+200	NM7	11h:00, 10/9/2013	7.3	4.6	44	6.1	3.3	0.005	0.04	23	491
Km186+200	NM8	11h:20, 10/9/2013	7.2	4.1	42	7.2	3.9	0.001	0.07	22	493
Km186+730	NM9	14h:00, 10/9/2013	7.0	5.8	40	9.6	4.5	0.002	0.06	34	53
Km186+730	NM10	14h:20, 10/9/2013	7.0	5.7	46	8.7	4.8	0.003	0.03	26	578
Km186+730	NM11	14h:45, 10/9/2013	7.2	4.5	43	12.4	6.7	0.003	0.05	24	481
Km186+730	NM12	15h:20, 10/9/2013	7.1	4.8	47	15.1	7.6	0.004	0.04	25	497
QCVN08:08			5,5-9	≥ 4	50	30	15	0,4	0,1	100	7500
Weather condition: Sunny, light wind											

Notes:

NM1: Ngoi Hut bridge area (Km165+100) – Upper layer of water samples (time 1) – X (m): 2.430.208 – Y (m): 455.312

NM2: Ngoi Hut bridge area (Km165+100) – Upper layer of water samples (time 2) – X (m): 2.430.208 – Y (m): 455.312

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NM3: Ngoi Hut bridge area (Km165+100) – Under layer of water samples (time 1) – X (m): 2.430.208 – Y (m): 455.312
NM4: Ngoi Hut bridge area (Km165+100) – Under layer of water samples (time 2) – X (m): 2.430.208 – Y (m): 455.312
NM5: Tunnel's south portal area (Km186+200) – Upper layer of water samples (time 1) – X (m): 2.444.056 – Y (m): 441.293
NM6: Tunnel's south portal area (Km186+200) – Upper layer of water samples (time 2) – X (m): 2.444.056 – Y (m): 441.293
NM7: Tunnel's south portal area (Km186+200) – Under layer of water samples (time 1) – X (m): 2.444.056 – Y (m): 441.293
NM8: Tunnel's south portal area (Km186+200) – Under layer of water samples (time 2) – X (m): 2.444.056 – Y (m): 441.293
NM9: Tunnel's north portal area (Km186+730) – Upper layer of water samples (time 1) – X (m): 2.444.379 – Y (m): 440.636
NM10: Tunnel's north portal area (Km186+730) – Upper layer of water samples (time 2) – X (m): 2.444.379 – Y (m): 440.636
NM11: Tunnel's north portal area (Km186+730) – Under layer of water samples (time 1) – X (m): 2.444.379 – Y (m): 440.636
NM12: Tunnel's north portal area (Km186+730) – Under layer of water samples (time 2) – X (m): 2.444.379 – Y (m): 440.636

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PACKAGE A7

In this quarter, despite the strong request of the Consultant, Contractor for Package A7 did not carry out environmental monitoring, thus they do not have results for this report.

PACKAGE A8

In this package water quality is monitored once per quarter, in August

Parameters	Unit	NM-1A	NM-1B	NM-2A	NM-2B	NM-3A	NM-3B	QCVN 08:2008/ BTNMT(A2)
pH	-	7.16	7.05	7.11	6.83	6.81	6.93	6,5-8,5
Temperature	°C	28.1	27.8	27.9	27.6	26.5	26.1	-
DO	mg/l	5.4	5.1	4.8	4.6	5.1	5.2	>5
TDS	mg/l	995	998	980	987	966	974	-
TSS	mg/l	29.8	29.0	29.4	29.2	28.5	28.0	30
COD	mg/l	9.0	9.5	8.0	9.2	7.6	8.5	15
BOD ₅	mg/l	4.0	4.2	3.5	4.0	3.0	3.6	6
Coliform	MPN/100ml	1600	1680	1450	1500	1200	1320	5000
Oils & grease	mg/l	0.006	0.008	0.008	0.008	0.006	0.008	0,02
NO ₂ ⁻	mg/l	0.010	0.012	0.005	0.008	0.006	0.009	0,02
NO ₃ ⁻	mg/l	3.35	3.50	3.42	3.60	3.28	3.34	5
NH ₄ - N	mg/l	0.060	0.065	0.068	0.074	0.076	0.085	0,2
PO ₄ ³⁻	mg/l	0.042	0.046	0.047	0.051	0.052	0.055	0,2
Ni	mg/l	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0,1
Fe	mg/l	0.520	0.505	0.492	0.466	0.410	0.388	1,0
Cd	mg/l	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0,005
Hg	mg/l	<0.000 2	<0.000 2	<0.000 2	<0.000 2	<0.000 2	<0.000 2	0,001
As	mg/l	0.004	0.005	0.005	0.005	0.004	0.005	0,02
Cu	mg/l	0.026	0.025	0.023	0.020	0.021	0.018	0,2
Pb	mg/l	<0.002	<0.002	<0.002	<0.002	0.003	0.003	0,02
Zn	mg/l	0.012	0.010	0.010	0.009	0.008	0.006	1,0

Note:

NM-1A: Upstream bridge across Nhu stream (100m) (GPS: X: 0445339; Y: 2463829);

NM-1B: Downstream bridge across Nhu stream (100m) (GPS: X: 0445555; Y: 2463862);

NM-2A: Upstream bridge across Trat stream (100m) (GPS: X: 0434831; Y: 2470952);

NM-2B: Downstream bridge across Trat stream (100m) (GPS: X: 0434763; Y: 2471041);

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NM-3A: Upstream bridge across Ngoi Bo river (100m) (GPS: X: 0429896; Y: 2474104);

NM-3B: Downstream bridge across Ngoi Bo river (100m) (GPS: X: 0429890; Y: 2474154).

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8.3 ANNEX 2.3: NOISE LEVELS

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PACKAGE A1

July

Noise Monitoring Result				
Location	Monitoring value (dBA)		Standard value (dBA)	
	6h – 21h	21h – 6h	6h – 21h	21h – 6h
Km 4+220	54	43	55	45
Km 13+100	62	53	70	55
Km 19+650	53	44	55	45
Km 24+900	64	55	70	55

August

Noise Monitoring Result				
Location	Monitoring value (dBA)		Standard value (dBA)	
	6h – 21h	21h – 6h	6h – 21h	21h – 6h
Km 4+220	54	43	55	45
Km 13+100	62	53	70	55
Km 19+650	53	44	55	45
Km 24+900	64	55	70	55

September

Noise Monitoring Result				
Location	Monitoring value (dBA)		Standard value (dBA)	
	6h – 21h	21h – 6h	6h – 21h	21h – 6h
Km 4+220	54	44	55	45
Km 13+100	63	55	70	55
Km 19+650	53	43	55	45
Km 24+900	62	54	70	55

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PACKAGE A2

July

Noise Monitoring Result				
Location	Monitoring value (dBA)		Standard value (dBA)	
	6h – 21h	21h – 6h	6h – 21h	21h – 6h
Km 34+780	53	45	55	45
Km 36+500	62	53	70	55
Km 39+130	63	54	70	55

August

Noise Monitoring Result				
Location	Monitoring value (dBA)		Standard value (dBA)	
	6h – 21h	21h – 6h	6h – 21h	21h – 6h
Km 34+780	53	45	55	45
Km 36+500	62	53	70	55
Km 39+130	63	54	70	55

September

Noise Monitoring Result				
Location	Monitoring value (dBA)		Standard value (dBA)	
	6h – 21h	21h – 6h	6h – 21h	21h – 6h
Km 34+780	54	45	55	45
Km 36+500	62	54	70	55
Km 39+130	64	55	70	55

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PACKAGE A3

July

Noise measuring

Station	Monitoring Value (dBA)			Standard Value (dBA)
	6h-10h	10h-14h	14h -18h	6h - 21h
Km 48+500	52	47	53	55
Km 55+550	67	62	66	70
Km 67+700	69	61	70	70
Km78+900	66	64	69	70

Vibration measuring

Station	Max. Value (mg/m ³)	Min. Value (mg/m ³)	Average. Value (mg/m ³)	Standard Value (mg/m ³)
Km 48+500	0,052	0,051	0,051	0,055
Km 55+550	0,050	0,048	0,049	0,055
Km 67+700	0,044	0,043	0,044	0,055
Km78+900	0,038	0,037	0,038	0,055

August

Noise measuring

Station	Monitoring Value (dBA)			Standard Value (dBA)
	6h-10h	10h-14h	14h -18h	18h - 21h
Km 48+500	54	48	52	55
Km 55+550	65	61	67	70
Km 67+700	67	60	69	70
Km78+900	68	62	68	70

Vibration measuring

Station	Max. Value (mg/m ³)	Min. Value (mg/m ³)	Average. Value (mg/m ³)	Standard Value (mg/m ³)
Km 48+500	0,051	0,049	0,050	0,055
Km 55+550	0,052	0,051	0,052	0,055
Km 67+700	0,046	0,046	0,046	0,055

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Km78+900	0,041	0,040	0,041	0,055
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September

Noise measuring

Station	MonitoringValue (dBA)			Standard Value (dBA)
	6h-10h	10h-14h	14h -18h	18h - 21h
Km 48+500	53	46	51	55
Km 55+550	67	62	66	70
Km 67+700	65	60	67	70
Km78+900	67	60	68	70

Vibration measuring

Station	Max. Value(mg/m ³)	Min. Value(mg/m ³)	Average. Value(mg/m ³)	Standard Value (mg/m ³)
Km 48+500	0,051	0,049	0,050	0,055
Km 55+550	0,052	0,051	0,052	0,055
Km 67+700	0,046	0,046	0,046	0,055
Km78+900	0,041	0,040	0,041	0,055

PACKAGE A4

July

Noise measuring

Station	MonitoringValue (dBA)			Standard Value (dBA)
	6h-10h	10h-14h	14h -18h	6h - 21h
Km 91+150	52	45	51	70
Km 95+100	67	60	66	
Tan ThanhCBP	67	55	69	
Km88+300 to Km88+500	64	61	67	
Km104+900 to Km105+350	66	58	64	
Km106+500 to Km107+600	65	54	67	
Km106+800	52	47	53	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Vibration measuring

Station	Min. Value	Max. Value	Average Value	Standard Value (mg/m ³)
Km 91+150	KPH	KPH	KPH	0,055
Km 95+100	KPH	KPH	KPH	
Tan ThanhCBP	KPH	KPH	KPH	
Km88+300 to Km88+500	KPH	KPH	KPH	
Km104+900 to Km105+350	KPH	KPH	KPH	
Km106+500 to Km107+600	0,008	0,007	0,008	
Km106+800	KPH	KPH	KPH	

August

Noise measuring

Station	MonitoringValue (dBA)			Standard Value (dBA)
	6h-10h	10h-14h	14h -18h	6h - 21h
Km 91+150	53	48	50	70
Km 95+100	66	62	69	
Tan ThanhCBP	65	58	67	
Km88+300 to Km88+500	67	62	68	
Km104+900 to Km105+350	67	60	69	
Km106+500 to Km107+600	67	58	66	
Km106+800	51	49	54	

Vibration measuring

Station	Min. Value	Max. Value	Average Value	Standard Value (mg/m ³)
Km 91+150	0,034	0,033	0,034	0,055
Km 95+100	0,039	0,037	0,038	
Tan ThanhCBP	0,048	0,048	0,048	
Km88+300 to Km88+500	0,040	0,038	0,039	
Km104+900 to Km105+350	0,036	0,035	0,036	
Km106+500 to Km107+600	0,028	0,027	0,028	
Km106+800	0,045	0,045	0,045	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

September

Noise measuring

Station	Monitoring Value (dBA)			Standard Value (dBA)
	6h-10h	10h-14h	14h -18h	6h - 21h
Km 91+150	52	47	53	70
Km 95+100	64	61	67	
Tan ThanhCBP	68	61	69	
Km88+300 to Km88+500	64	60	65	
Km104+900 to Km105+350	66	58	67	
Km106+500 to Km107+600	65	57	66	
Km106+800	53	48	54	

Vibration measuring

Station	Min. Value	Max. Value	Average Value	Standard Value (mg/m ³)
Km 91+150	0,036	0,035	0,036	0,055
Km 95+100	0,038	0,036	0,037	
Tan ThanhCBP	0,048	0,048	0,044	
Km88+300 to Km88+500	0,041	0,040	0,041	
Km104+900 to Km105+350	0,038	0,036	0,037	
Km106+500 to Km107+600	0,032	0,032	0,032	
Km106+800	0,043	0,041	0,042	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A5

July

Station	Sensitive Receptors	Sampling Date & Time, weather condition	Result (dB) (average)		QCVN 26:2010		Exceeding value	
			Working shift					
			6 h – 21h	21h – 6h	6 h – 21h	21h – 6h	6 h – 21h	21h – 6h
Km 117+050	N 1	25/07/2013	52.2	40.1	55	45	-	-
<div>- The value of noise level referred to standards applied for extremely quiet areas (QCVN 26:2010/BTNMT)</div> <div>- Noise primarily generated from the vehicle the vehicles or motorbike but constructional equipment</div>								
Weather condition: Sunny, average temperature 26.4 C, windy speed 0.34 m/s. South-East windy direction								

Station	Sensitive Receptors	Sampling Date & Time, weather condition	Result (dB) (average)		QCVN 26:2010		Exceeding value	
			Working shift					
			6 h – 21h	21h – 6h	6 h – 21h	21h – 6h	6 h – 21h	21h – 6h
Km118+820	N 2	25/07/2013	65.9	48.2	70	55		
Km121+433	N 3	25/07/2013	66.8	49.7	70	55	-	-

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- The value of noise level referred to standards applied for commerce, office, industry area.
- Noise primarily generated

Weather condition: Sunny, average temperature 25.3 C, windy speed 0.28 m/s. South-East windy direction

August

Station	Sensitive Receptors	Sampling Date & Time, weather condition	Result (dB) (average)		QCVN 26:2010		Exceeding value	
			Working shift					
			6 h – 21h	21h – 6h	6 h – 21h	21h – 6h	6 h – 21h	21h – 6h
Km 117+050	N 1	16/08/ 2013	51.3	42.2	55	45	-	-
<div>- The value of noise level referred to standards applied for extremely quiet areas (QCVN 26:2010/BTNMT)</div> <div>- Noise primarily generated from the vehicle the vehicles or motorbike but constructional equipment</div>								
Weather condition: Cloudy, average temperature 23.6 C, windy speed 0.25 m/s. North-Western windy direction								

Station	Sensitive Receptors	Sampling Date & Time, weather condition	Result (dB) (average)		QCVN 26:2010		Exceeding value	
			Working shift					
			6 h – 21h	21h – 6h	6 h – 21h	21h – 6h	6 h – 21h	21h – 6h
Km118+820	N 2	16/08/ 2013	61.1	50.3	70	55		

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Km121+433	N 3	16/08/ 2013	62.6	51.4	70	55	-	-
- The value of noise level referred to standards applied for commerce, office, industry area. - Noise primarily generated								
Weather condition: Cloudy, average temperature 21.5 C, windy speed 0.30 m/s. North-Western windy direction								

September

Station	Sensitive Receptors	Sampling Date & Time, weather condition	Result (dB) (average)		QCVN 26:2010		Exceeding value	
			Working shift					
			6 h – 21h	21h – 6h	6 h – 21h	21h – 6h	6 h – 21h	21h – 6h
Km 117+050	N 1	13 / 06 / 2013	52,9	43,4	55	45	-	-
<div>- The value of noise level referred to standards applied for extremely quiet areas (QCVN 26:2010/BTNMT)</div> <div>- Noise primarily generated from the vehicle the vehicles or motorbike but constructional equipment</div>								
Weather condition: Sunny, average temperature of 25.2, windy speed 0.29 m/s. South-East windy direction								

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Station	Sensitive Receptors	Sampling Date & Time, weather condition	Result (dB) (average)		QCVN 26:2010		Exceeding value	
			Working shift					
			6 h – 21h	21h – 6h	6 h – 21h	21h – 6h	6 h – 21h	21h – 6h
Km118+820	N 2	13 / 06 / 2013	65,8	52,5	70	55		
Km121+433	N 3	13 / 06 / 2013	67,2	53,2	70	55	-	-
- The value of noise level referred to standards applied for commerce, office, industry area.								
- Noise primarily generated								
Weather condition: Sunny, average temperature of 27.0, windy speed 0.19 m/s. South-East windy direction								

Notes:

According to Environmental Monitoring Plan approved by the Engineer through the letter Ref. GET3-KEANGNAM-11-A5-037 dated 28th March, 2011, the contractor carries out the Environment monitoring with frequency: 1 time / 1 month.

- N1: Sampling points are close to Bao Long Church area (Km117+050): (GPS: N 21.40.269; E 104.53.057)
- N2: Sampling points are close to Hop Minh My bridge construction site (Km118+820): (GPS: N 21.40.801; E 104.52.259)
- N3: Sampling points are close to National Road bridge construction site (Km121+433): (GPS: N 21.41.609; E 104.51.171)

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PACKAGE A6

Noise Monitoring Result				
Location	Monitoring value (dBA)		Standard value (dBA)	
	6h – 21h	21h – 6h	6h – 21h	21h – 6h
N1/A6	54.3	44.8	55	45
N2/A6	52.9	44.2	55	45
N1/A6	67.8	51.3	70	55
N2/A6	69.4	53.6	70	55

(Source document: Report on Environmental Monitoring of September 2013)

According to Environmental Monitoring Plan approved by the Engineer through the letter Ref. Ref. GET3-DOOSAN-11-A6-139 dated 16th April, 2011. The contractors carry out the Environment monitoring with frequency: 1 time / 3 month.

Note:

N1/A6: Sampling points are close to Tan Hop Church area (Km155+360) – X (m): 2.423.253 – Y (m): 461.635

N2/A6: Sampling points are close to Tan Hop Primary School area (Km159+400) – X (m): 2.425.610 – Y (m): 458.440

N3/A6: Sampling points are close to Vinasan's concrete station (Km162+800) – X (m): 2.428.188 – Y (m): 456.100

N4/A6: Sampling points are close to White stone vina's concrete station (Km165+300) – X (m): 2.430.266 – Y (m): 455.303

PACKAGE A7

In this quarter, Contractor at Package A7 did not carry out Environment monitoring, thus they do not have results for this report

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PACKAGE A8

Noise measuring

Location	Sampling Site	Sampling Date & Time, weather condition	Noise (dBA)		
			Leq	Lmax	L50
Km219+800	01	14h30, 30/8/2013	51,3	57,1	52,8
Km222+580	02	15h30, 30/8/2013	55,4	62,0	57,8
Km224+396	03	9h30, 30/8/2013	54,4	64,4	58,4
Km233+540	04	11h30, 30/8/2013	66,9	72,8	69,9
Km231+910	05	10h30, 30/8/2013	53,3	64,8	58,4
Km239+560	06	8h30, 30/8/2013	51,9	62,4	56,7
Km244+570	07	7h30, 30/8/2013	60,6	69,0	64,2
Km218+040	08	13h30, 30/8/2013	48,7	60,9	55,3
QCVN 26:2010/BTNMT			70	-	-

Vibration measuring

Location	Sampling Site	Sampling Date & Time, weather condition	Lva (m/s ²)	Lv (m/s)	Frequency (Hz)
Km219+800	01	14h30, 30/8/2013	0,00233	0,00024	1-80
Km222+580	02	15h30, 30/8/2013	0,00084	0,00023	1-80
Km224+396	03	9h30, 30/8/2013	0,00269	0,00038	1-80
Km233+540	04	11h30, 30/8/2013	0,01072	0,00073	1-80
Km231+910	05	10h30, 30/8/2013	0,00090	0,00024	1-80
Km239+560	06	8h30, 30/8/2013	0,00160	0,00027	1-80
Km244+570	07	7h30, 30/8/2013	0,00173	0,00020	1-80
Km218+040	08	13h30, 30/8/2013	0,00179	0,00027	1-80
QCVN 27:2010/BTNMT			0,055		

Note:

L1, L2, L3: Times measuring during 01 hour, 10 minutes measured each time.

N-01: Near the starting point of project, Sonha primary School -No 2, Anhang branch (GPS: X: 0444531; Y: 2465155);

N-02: Sonha primary School -No 2. Sonha commune (GPS: X: 0442464; Y: 2467044);

N-03: Near Nangsom pre-school, near gate of Kheden village. Sonha commune (GPS: X: 0440998; Y: 2468266);

N-04: Xuangiao road junction (GPS: X: 0434010; Y: 2471438);

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N-05: Xuangiao High school - Langptheo branch (GPS: X: 0434757; Y: 2470841);

N-06: Giaphu primary School -No 3 (GPS: X: 0428723; Y: 2474576);

N-07: Point of intersection with Binhminh road (IC 18) near petrol station (GPS: X: 0425479; Y: 2478816);

N-08: The concrete mixing plant (GPS: X: 0445364; Y: 2463930).

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9. ANNEX 3: DOCUMENTATION RECEIVED FROM CONTRACTORS DURING THE PERIOD

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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DOCUMENTS RECEIVED FROM CONTRACTORS DURING THE THIRD QUARTER 2012					
PACKAGE	CONTRACTOR	REFERENCE	DESIGNATION	REV	APPROVED
A1	POSCO	POS-A1-SS-263/2013	Report on Environmental Monitoring and Analysis – July, 2013	1	Yes
A1	POSCO	POS-A1-SS-320/2013	Report on Environmental Monitoring and Analysis – August, 2013	1	Yes
A1	POSCO	POS-A1-SS-357/2013	Report on Environmental Monitoring and Analysis – September, 2013	1	Yes
A2	POSCO	POS-A2-SS-325/2013	Report on Environmental Monitoring and Analysis – July, 2013	1	Yes
A2	POSCO	POS-A2-SS-372/2013	Report on Environmental Monitoring and Analysis – August, 2013	1	Yes
A2	POSCO	POS-A2-SS-386/2013	Report on Environmental Monitoring and Analysis – September, 2013	1	Yes
A3	POSCO	POSA3-SS-319/2013	Environmental monitoring report in June - 2013	1	Yes
A3	POSCO	POSA3-SS-357/2013	Environmental monitoring report in July - 2013	1	Yes
A3	POSCO	POSA3-SS-393/2013	Environmental monitoring report in August - 2013	1	Yes
A3	POSCO	POSA3-SS-422/2013	Environmental monitoring report in September - 2013	1	Yes
A3	POSCO	POS513-2013/A3	Propose to replace Environmental Specialist	1	No

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DOCUMENTS RECEIVED FROM CONTRACTORS DURING THE THIRD QUARTER 2012					
PACKAGE	CONTRACTOR	REFERENCE	DESIGNATION	REV	APPROVED
A3	POSCO	POSA3-SS-340/2013	Submission for Method Statement of sodding for embanking slope – Package A3	1	Yes
A3	POSCO	POS737-2013/A3	Propose to replace Environmental Specialist	1	Yes
A3	POSCO	POSA3-SS-319/2013	Environmental monitoring report in June - 2013	1	Yes
A4	KEANGNAM	KNEA4-GET-2013/364	Environmental monitoring report in June - 2012	1	Yes
A4	KEANGNAM	KNEA4-GET-2013/443	Environmental monitoring report in July - 2013	1	Yes
A4	KEANGNAM	KNEA4-GET-2013/536	Environmental monitoring report in August - 2013	1	Yes
A4	KEANGNAM	KNEA4-GET-2013/615	Environmental monitoring report in September - 2013	1	Yes
A4	KEANGNAM	KNEA4-2013/384	Disposal area for station Km87+600-Km95+200 – Package A4	1	Yes
A4	KEANGNAM	KNEA4-2013/465	Disposal area no.2 for section 1– Package A4	1	Yes
A4	KEANGNAM	KNEA4-GET-2013/345	Submission for Company profile of supplier for Vetiver grass serving for sodding on slope	1	No
A4	KEANGNAM	KNEA4-2013/345	Submission for Method Statement of sodding for embanking slope – Package A3	1	Acceptance with conditions
A4	KEANGNAM	KNEA4-2013/414	capacity profile of supplier for grass for sodding in cutting and fill slope	1	Yes

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DOCUMENTS RECEIVED FROM CONTRACTORS DURING THE THIRD QUARTER 2012					
PACKAGE	CONTRACTOR	REFERENCE	DESIGNATION	REV	APPROVED
A5	KEANGNAM	KNE-NBLC5-VEC&GET-13-551	Report on Environmental Monitoring for June 2013	0	Yes
A5	KEANGNAM	KNE-NBLC5-VEC&GET-13-632	Report on Environmental, health and safety issues of package A5	0	No
A5	KEANGNAM	KNE-NBLC5-VEC&GET-13-610	Report on Environmental Monitoring for July 2013	0	Yes
A5	KEANGNAM	KNE-NBLC5-VEC&GET-13-681	Report on Environmental Monitoring for August 2013	0	Yes
A6	DOOSAN	DHIC-13-CT-080	Request for final approval Method Statement of grassing works at cutting slope (paspalum grass, package A6)	0	Yes
A6	DOOSAN	DHIC-13-SET-039	Environmental monitoring plan of package A6 in July 2013	0	Yes
A6	DOOSAN	DHIC-13-SET-038	Submission of Environmental monitoring report for June 2013	0	No
A6	DOOSAN	DHIC-13-SET-041	Environmental monitoring plan of package A6 in August 2013	0	No
A6	DOOSAN	DHIC-13-SET-042	Submission of Environmental monitoring report for July 2013	0	Yes
A6	DOOSAN	DHIC-13-SET-040	Request for Approval of new disposal areas (Sub-section 2-1b, Package A6);	0	No
A6	DOOSAN	DHIC-13-SET-045	Submission of report on assessment of environmental impact for disposal area at Km166+680R	0	No
A6	DOOSAN	DHIC-13-SET-047	Environmental monitoring plan of package A6 in September 2013	0	Yes
A6	DOOSAN	DHIC-13-SET-046	Request for Approval of new disposal areas (Sub-section 2-1b, Package A6)	0	Yes

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DOCUMENTS RECEIVED FROM CONTRACTORS DURING THE THIRD QUARTER 2012					
PACKAGE	CONTRACTOR	REFERENCE	DESIGNATION	REV	APPROVED
A6	DOOSAN	DHIC-13-SET-043	Request for Approval of new disposal areas (Sub-section 2-4, Package A6);	0	No
A6	DOOSAN	DHIC-13-SET-048	Submission of Environmental monitoring report for August 2013	0	Yes
A6	DOOSAN	DHIC-13-SET-052	Request for Approval of new disposal areas (Package A6);	0	Yes
A6	DOOSAN	DHIC-13-SET-054	Submission of Environmental monitoring report for September 2013	0	Yes
A7	GRBCC	Ref.GRBCC/GET INSA/A7/1683	Submitting the Brief profile of institute for agriculture environment (IAE)	A1	Yes
A7	GRBCC	Ref.GRBCC/GET INSA/A7/1684	Submitting the Project outline “Study on the impact the unauthorized disposal of Unsuitable material, mitigation measures at Km195+500 and Km190+420 of Red river”	A1	Yes
A7	GRBCC	Ref.GRBCC/GET INSA/A7/1709	Submitting the Report of study on the impact the unauthorized disposal of Unsuitable material, mitigation measures at Km195+500 and Km190+420 of Red river	A1	Sent to Core team
A7	GRBCC	Ref. GRBCC/GETINS A/A7/1680	Submitting the the propose Mr. Li Sheng Guang and Mr. Lai Jian Hong will work as New Environment Manager and Safety Manager of package A7	A1	Return the contractor
A7	GRBCC	Ref. GRBCC/GETINS A/A7/1731	Inform about removing concrete mixing plant at Km209+300	A1	For information only

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DOCUMENTS RECEIVED FROM CONTRACTORS DURING THE THIRD QUARTER 2012					
PACKAGE	CONTRACTOR	REFERENCE	DESIGNATION	REV	APPROVED
A7	GRBCC	Ref. GRBCC/GETINS A/A7/1754	Submitting the Restoration of unauthorized spoil disposal sites Km190+420 and Km195+500- Version A1	A1	Return the contractor
A7	GRBCC	Ref. GRBCC/GETINS A/A7/1770	Submitting the the propose Mr. Li Sheng Guang and Mr. Lai Jian Hong will work as New Environment Manager and Safety Manager of package A7	A2	Return the contractor
A7	GRBCC	Ref. GRBCC/GETINS A/A7/1784	Submitting the Restoration of unauthorized spoil disposal sites Km190+420 and Km195+500- Version A2	A2	Approved with conditions
A8	VINACONEX	A8/LC/130916-07	Submit the Report environmental monitoring on construction stage (phase 12- August, 2013)”	A1	Yes
A8	VINACONEX	A8/LC/130930-01	Inform about removing Ngoi Bo concrete mixing plant at Km238+265	A1	For information only
A8	VINACONEX	A8/LC/130916-06	Submit the document of Son Hai Asphalt Concrete batching plant at Km230+800	A1	Return the contractor

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**10. ANNEX 4: STATUS OF THE DOCUMENTATION RELATED TO BORROW PITS,
QUARRIES, SOIL DISPOSALS AND CONCRETE BATCHING PLANTS**

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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Note:

- ^a – For public lands, indicate whether it is the property of the commune, district, province, etc.
- ^b – Indicate the beneficial use of the property before it was acquired for the project (e.g., rice field, acacia plantation, etc.). If none, provide a short description, e.g., grassland, abandoned/idle farm lot, etc.
- ^c – Specify which government agency (e.g., District People's Committee) issued the approval, including any written agreement between the contractor and the land owner

Package A1

BORROW PITS											
Package /Borrow Pit No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A1/BP6	Minh Tri and Minh Phu Commune, Soc Son District, Hanoi city		832,862			Industrial crop land	31-Aug-09		31-Aug-09		
A1/BP16	La Mai Hill, Huong Son Commune, Binh Xuyen District, Vinh Phuc Province		606,590			Industrial crop land	06-May-10	27-Apr-10	06-May-10	27-May-13	
A1/BP17	Go De Hill, Huong Son Commune, Binh Xuyen District, Vinh Phuc Province		263,290			Industrial crop land	06-May-10	27-Apr-10	06-May-10	27-May-13	
A1/BP21	Dong Mo Hill, Nam Son Commune, Soc Son District, Hanoi City		492,800			Industrial crop land	25-Mar-11	01-Nov-10	25-Mar-11	30-Nov-15	
A1/SG1	Go De Hill, Huong Son Commune, Binh Xuyen District, Vinh Phuc Province		100,000			Industrial crop land	13-Jan-11	27-Apr-10	13-Jan-11	27-May-13	
A1/SG4	Dong Giang Hill, Trung My Commune, Binh		90,000			Industrial crop land	22-Mar-12	27-Apr-10	22-Mar-12	27-May-13	


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BORROW PITS											
Package /Borrow Pit No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
	Xuyen District, Vinh Phuc Province										

QUARRIES											
Package /Quarry No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A1/Q1	Quang Son commune, Lap Thach dist, Vinh Phuc	123,000	2,611,729			Rock-mine	13-Dec-11	08-Apr-10	13-Dec-11	17-Apr-25	
A1/Q2	Trung Mau commune, Binh Xuyen dist, Vinh Phuc	640,000	75,187,000			Rock-mine	13-Dec-11	21-Jul-04	13-Dec-11	30-Jun-14	

SPOILS DISPOSAL AREAS								
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Approval		Operation
				Name	Contact Info	Date	Agency ^c	

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SPOILS DISPOSAL AREAS								
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Approval		Operation
				Name	Contact Info	Date	Agency ^c	
A1/SD1	Trung Mau village, Trung My commune, Binh Xuyen district, Vinh Phuc province	200,000 m ²	200,000 m ³	Hoang Chi Thanh Hoang Van Ngoc	Dong Ich hamlet, Trung My commune, Binh Xuyen dist, Vinh Phucs	20-Dec-10	06-Dec-10	

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Noi Bai – Lao Cai Highway Project**

BATCHING PLANTS											
Package/ CBP No.	Location	Appropriate settling pond	Noise and dust measures	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
A1/CBP1	Underpass NH2	Yes	Yes	Evernew Holding., JSC	A24-BT4, My Dinh commune, Tu Liem dist, Hanoi	Unidentified	10-May-11	Unidentified	10-May-11		
A1/CBP2	Underpass NH2	Yes	Yes	Ngoc Mai Construction., JSC	Tho Dan village, Kim No commune, Dong Anh dist, Hanoi	Unidentified	29-Jun-11	Unidentified	29-Jun-11		
A1/CBP3	Km 13+500	Yes	Yes	POSCO	POSCO E&C – Noi Bai – Lao Cai Highway project – Huu thu village, Kim Long commune, Tam Duong dist, Vinh Phuc	Pond	27-Jan-10	05-May-08	27-Jan-10		
A1/CBP4	Km 25+000	Yes	Yes	POSCO	POSCO E&C – Noi Bai – Lao Cai Highway project – Huu thu village, Kim Long commune, Tam Duong dist, Vinh Phuc	Long term cropland	27-Jan-10	05-May-08	27-Jan-10		

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Noi Bai – Lao Cai Highway Project**

Package A2


BORROW PITS											
Package /Borrow Pit No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A2/BP4	Chay Hill, Vinh Phu village, Hop Hoa town, Tam Duong District, Vinh Phuc Province		327,167			Industrial crop land	01-Apr-10	29-Dec-09	01-Apr-10	29-Dec-12	
A2/BP5	Rung Nen hill, Thanh Van-Dao Tu Commune, Tam Duong District, Vinh Phuc Province		508,467			Industrial crop land	01-Apr-10	23-Mar-10	01-Apr-10	30-Apr-13	
A2/BP7	Nhon Huc & Go Bep Hill, Tu Yen Commune, Song Lo District, Vinh Phuc Province		941,590			Industrial crop land	15-Nov-10	01-Oct-10	15-Nov-10	01-Oct-13	
A2/BP11	Quan Hill, Phu Ninh Commune, Phu Ninh District, Phu Tho Province		297,000			Industrial crop land	01-Jun-12	19-May-10	01-Jun-12	19-May-12	
A2/BPSG1	Rung Nen hill, Thanh Van-Dao Tu Commune, Tam Duong District, Vinh Phuc Province		508,467			Industrial crop land	19-May-12	23-Mar-10	19-May-12	30-Apr-13	
A2/BPSG5	Dinh Chua Hill, Tien Lu Commune, Lap Thach District, Vinh Phuc Province		623,837			Industrial crop land	09-Jul-12	18-Oct-10	09-Jul-12	18-Oct-12	

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Noi Bai – Lao Cai Highway Project**


QUARRIES											
Package /Quarry No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A2/Q1	Quang Son commune, Lap Thach dist, Vinh Phuc	123,000	2,611,729			Rock-mine	13-Dec-11	08-Apr-10	13-Dec-11	17-Apr-25	
A2/Q2	Trung Mau commune, Binh Xuyen dist, Vinh Phuc	640,000	75,187,000			Rock-mine	13-Dec-11	21-Jul-04	13-Dec-11	30-Jun-14	

SPOILS DISPOSAL AREAS								
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Approval		Operation
				Name	Contact Info	Date	Agency ^c	
A2/SD1	Fields 99 and 99 ⁽¹⁾ , map No. 21, Cau hamlet, Hoang Dan commune, Tam Duong district, Vinh Phuc province	9,110 m ²	30,000 m ³	Hoa Hung Co.,Ltd	Hoang Dan commune, Tam Duong dist, Vinh Phuc	12-Jul-10	09-Jul-10	


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SPOILS DISPOSAL AREAS								
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Approval		Operation
				Name	Contact Info	Date	Agency ^c	
A2/SD2	Tu Du commune, Lap Thach district, Vinh Phuc province	60,000 m ²	60,000 m ³	Tu Du commune	Tu Du CPC, Lap Thach dist, Vinh Phuc	04-Jun-10	Mar-10	



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SPOILS DISPOSAL AREAS								
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Approval		Operation
				Name	Contact Info	Date	Agency ^c	
A2/SD3	Dong Go area, map No. 07, Tien Lu commune, Lap Thach district, Vinh Phuc province	2,000 m ²	4,000 m ³	Tien Lu commune	Tien Lu CPC, Lap Thach dist, Vinh Phuc	04-Jun-10	28-May-10	

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SPOILS DISPOSAL AREAS								
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Approval		Operation
				Name	Contact Info	Date	Agency ^c	
A2/SD4	Dong Ai area, map No. 19, Tien Lu commune, Lap Thach district, Vinh Phuc province	12,000 m ²	24,000 m ³	Tien Lu commune	Tien Lu CPC, Lap Thach dist, Vinh Phuc	04-Jun-10	28-May-10	
A2/SD5	Field No. 155, map No. 12, Phu Thinh village, Tu Yen commune, Song Lo district, Vinh Phuc province	5,566 m ²	11,132 m ³	Tu Yen commune	Tu Yen CPC, Song Lo dist, Vinh Phuc	20-May-10	11-May-10	

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SPOILS DISPOSAL AREAS								
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Approval		Operation
				Name	Contact Info	Date	Agency ^c	
A2/SD6	Map No. 38, Khan Tat hill, Dao Tu commune, Tam Duong district, Vinh Phuc province	10,300 m ²	10,300 m ³	Ly Van Hung	Dao Tu commune, Tam Duong, Vinh Phuc	31-Mar-10	25-Mar-10	
A2/SD7	Field No. 1, map No. 3, Bo U hill, Dao Tu commune, Tam Duong district, Vinh Phuc province	9,400 m ²	9,400 m ³	Nguyen Anh Chien	Dao Tu commune, Tam Duong, Vinh Phuc	31-Mar-10	25-Mar-10	
A2/SD8	Field No. 185, Dong	30,560 m ²	30,560 m ³	Dong Ich	Dong Ich CPC,	17-Mar-10	08-Mar-10	

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SPOILS DISPOSAL AREAS								
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Approval		Operation
				Name	Contact Info	Date	Agency ^c	
	Ich commune, Lap Thach district, Vinh Phuc province			commune	Lap Thach dist, Vinh Phuc			
A2/SD9	Field No. 613, Dong Ich commune, Lap Thach district, Vinh Phuc province	10,345 m ²	10,345 m ³	Dong Ich commune	Dong Ich CPC, Lap Thach dist, Vinh Phuc	17-Mar-10	08-Mar-10	
A2/SD10	Field No. 78, Gian village, Cao Phong commune, Song Lo district, Vinh Phuc province	3,268 m ²	6,536 m ³	Nguyen Van Luu	Cap Phong commune, Song Lo dist, Vinh Phuc	25-Mar-10	20-Mar-10	
A2/SD11	Fields No. 337, 475, 481, Dong Hang Phien village, Dong Thinh commune, Song Lo district, Vinh Phuc province	13,863 m ²	100,000 m ³	Dong Thinh commune	Dong Thich CPC, Dong Thinh commune, Song Lo dist, Vinh Phuc	18-Mar-10	Mar-10	
A2/SD12	Long Son village, Dao Tu commune, Tam Duong district, Vinh Phuc province	2,250 m ²	5,500 m ³	Lai Xuan Diem	Long Son village, Dao Tu commune, Tam Duong district, Vinh Phuc province	30-May-13	07-Mar-13	

BATCHING PLANTS											
Package/ CBP No.	Location	Appropriate settling pond	Noise and dust measures	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
A2/CBP1	Km 39+118	Yes	Yes	Vinh Sinh Co.,Ltd	160 – Dinh Dong – Le Chan dist, Hai Phong City	Agricultural land	17-Nov-10	Unidentified	17-Nov-10		
A2/CBP2	Lo River Bridge	Yes	Yes	POSCO	POSCO E&C –	Agricultural	15-Jun-11	05-May-08	15-Jun-11		

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BATCHING PLANTS											
Package/ CBP No.	Location	Appropriate settling pond	Noise and dust measures	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
					Noi Bai – Lao Cai Highway project – Huu thu village, Kim Long commune, Tam Duong dist, Vinh Phuc	land					
A2/CBP3	Lo River Bridge	Yes	Yes	POSCO	POSCO E&C – Noi Bai – Lao Cai Highway project – Huu thu village, Kim Long commune, Tam Duong dist, Vinh Phuc	Wild land	25-Jun-11	05-May-08	25-Jun-11		

Package A3

BORROW PITS											
Package / Borrow Pit No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A3/BPX1	Hill: Bo Gia, Bo O (Km 52+500)	28,500	220,000	Kim Duc Commune	POSA3-CT-01	Forest Zone	2/20/2012	Phu Tho Province People committee	10/17/2011	12/31/2012	
	Lang Nga Hill (Km 53+700)	50,000	300,000	Tien Kien Commune							
	Bong Xa Hill (Km 54+000)	29,000	200,000	Tien Kien Commune							

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BORROW PITS											
Package / Borrow Pit No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A3/BPX2	Electric pole hill - Phu Ho commune, Phu Tho Town (Km 64+000)		328,295	Phu Ho Commune	POSA3-CT-26	Forest Zone	1-Mar-12	Phu Tho People committee	23-Mar-12	31-Dec-12	
A3/BPX4	Thung mountain - Dong Thanh Commune, Thanh Ba District (Km 72 + 300)	26,668	135,000	Dong Thanh Commune	POSA3-CT-12	Garden Zone	13-Aug-09	Phu Tho People committee	11-Mar-11	31-May-12	
A3/BPX5	Hill: Ho Den, Nuong Thang, Nha Coc - Thanh Xa commune, Thanh Ba District (Km 76 + 400)	83,528	304,014	Thanh Xa Commune	POSA3-CT-33	Garden Zone	26-Apr-12	Phu Tho People committee	7-Mar-11	31-Dec-12	
A3/BPX6	Hill: Nuong Phe, Ong Duoc, Nuong Dieu, Nuong Son, Nha Vam, Ca - Thanh Nga Commune, Cam Khe District (Km 81+000)	126,320	950,000	Thanh Nga Commune	POSA3-CT-34	Forest Zone	14/5/2012	Phu Tho People committee	14-May-12	31-Dec-12	

QUARRIES											
Package / Quarry No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A3/Q1	Hang Nuoc mountain - for blinding stone material	54,000	105,000	Huong Can Commune	Thanh Cong Company	Mountain	8-Jul-08	Phu Tho People Committee	25-Nov-10	31-Dec-13	
A3/Q2	Khuon Giang & Hang Hut Mountain - for subbase and base course material	96,890	2,325,360	Son Duong District	FOMICO Company	Mountain	1-Jun-09	Tuyen Quang People committee			

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Noi Bai – Lao Cai Highway Project**

QUARRIES											
Package / Quarry No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A3/Q3	Quang Son Mountain - for subbase and base course material	165,400	2,611,729	Lap Thach District	Hung Vi Company	Mountain	8-Apr-10	Vinh Phuc People committee			

SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
A3/SD1	DA Km 53+360	3,200	14,400	Nguyen van Hoa, Nguyen Van Chung		Garden	3/6/2010	19/5/2010	13-Jun-10	30-Nov-12	
A3/SD2	DA in Kim Duc Commune	14,080	181,000								
	No.1 - Km49+500	2,350	46,000	Le Van Ngu							
	No.2 - Km49+600	1,954	37,000	Nguyen Tien Dung							
	No.3 - Km 50+900	2,146	29,000	Le Dinh Chat			2/16/2011	2/10/2010	2/18/2011	10/30/2012	
	No.4 - Km51+400	1,940	35,000	Nguyen Thi Ly							
	No.5 - Km 52+800	5,690	34,000	Nguyen Thi Tuat							
A3/SD3	DA in Hung Lo Commune	53,489	500,000				4/22/2011	25/3/2011	4/26/2011	11/30/2012	
	Area No. 8	25,602	500,000	Nguyen Xuan Thuong							

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approve d Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
	Area No. 8	6,612		Nguyen Van Sang							
	Area No. 8	1,860		Cao Van Chinh							
	Area No. 8	6,239		Cao Van Duong							
	Area No. 8	13,176		Cao Van Minh							
	Area No. 12	6084	50,000	Nguyen Van Bay		Garden	30-Nov-12	8-Apr-13	19-Sep-12	The end project	
A3/SD4	DA in Phu Ninh District	21,000	147,000	Phu Ninh Commune			13-Oct-10	2-Aug-10	14-Oct-10	31-Dec-12	
A3/SD5	DA in Tien Kien Commune	15,724	94,344	Nguyen Cong Chuc			4-Nov-11	25-Aug-11	10-Nov-11	31-Dec-12	
A3/SD6	DA in Phu Ho Commune	25,000	150,000	Nguyen Van Thai			25-Feb-11	8-Mar-13	27-Feb-11	15-Jun-12	
A3/SD7	DA in Van Lung Commune	11,508	69,500	Van Lung Commune			13-Oct-10	8-Mar-13	18-Oct-10	31-Aug-12	
A3/SD8	DA in Vo Lao Commune	12,850	89,950	Dinh Tien Minh			6-Sep-10	8-Mar-13	9-Sep-10	31-May-12	
A3/SD9	DA in Chi Tien & Hoang Cuong Commune	13,170	92,190	Tran Quy Cuong			19-Aug-10	4-Oct-10	21-Aug-10	31-Dec-12	
A3/SD10	DA Yen Tap Commune	10,280	100,000				17-Aug-12	6-Jul-12	19-Aug-12	19-Aug-14	

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BATCHING PLANTS											
Package / SD No.	Location	Appropriate settling pond	Noise and dust measures	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
A3/CBP1	Batching Plant D	Yes	Yes	Thien Tan Company	B33-10/HDKT	N/A	5-Nov-10	Engineer	6-Nov-10	30-Sep-13	
A3/CBP2	Batching Plant E	Yes	Yes								
A3/CBP3	Bai Bang Batching Plant	Yes	Yes	Song Lo Construction company	POSA3-CT-029	N/A	13-Aug-10	Engineer	14-Aug-10	30-Sep-13	
A3/CBP4	Song Hong 1 Batching Plant	Yes	Yes	Cienco 4 Company	POSA3-CT-019	N/A	6-Jun-11	Engineer	6-Jun-11	30-Sep-13	
A3/CBP5	Song Hong 2 Batching Plant	Yes	Yes				16-Nov-11	Engineer	16-Nov-11	30-Sep-13	
A3/CBP5	Duong Chau Batching Plant	Yes	Yes	Duong Chau Company	POSA3-SS543/2012	N/A	15-Dec-12	Engineer	15-Dec-12	30-Sep-13	

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Package A4

BORROW PITS											
Package /Borrow Pit No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A4/BP1	Hill Thờ, zone 10, Xuan Ang commune, Ha Hoa district, Phu Tho province.	39,000	473,277.7	Xuan Ang Commune	Mr Tuan. Xuan Ang President	Artificial forest land, farm land...	27 June 2012	Phu Tho Provincial People's Committee	27 June 2012	4 th Quarter 2013	
A4/BP2	Hill Sắt, zone 1, Quan Khe commune, Ha Hoa district, Phu Tho province.	34,000	93,180	Quan Khe Commune	Mr Tuoc. Quan Khe president	Artificial forest land, farm land...	26 June 2012	Phu Tho Provincial People's Committee	26 June 2012	4 th Quarter 2013	
A4/BP3	Hill Bống Đa, zone 3, Quan Khe commune, Ha Hoa district, Phu Tho province.	36,000	193,909	Quan Khe Commune	Mr Tuoc. Quan Khe president	Artificial forest land, farm land...	26 June 2012	Phu Tho Provincial People's Committee	26 June 2012	4 th Quarter 2013	
A4/BP4	Quyet Tien commune, Ha Hoa district, Phu Tho province.	45,400	292,012	Hien Luong Commune	Mr Nguyen. Hien Luong president.	Artificial forest land, farm land...	26 June 2012	Phu Tho Provincial People's Committee	26 June 2012	4 th Quarter 2013	
A4/BP5	Hill Lau, zone 5, Vo Tranh commune, Ha Hoa district, Phu Tho province.	16,800	156,423	Vo Tranh Commune	Mr Thinh. Vo Tranh President	Artificial forest land, farm land...	23 Apr 2012	Phu Tho Provincial People's Committee	23 Apr 2012	4 th Quarter 2013	
A4/BP6	Hill Trường, zone 1, Hien Luong commune, Ha Hoa district, Phu Tho province.	55,000	864,270	Hien Luong Commune	Mr Nguyen. Hien Luong president.	Artificial forest land, farm land...	23 Apr 2012	Phu Tho Provincial People's Committee	23 Apr 2012	4 th Quarter 2013	

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QUARRIES											
Package /Quarry No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A4	Quan Khe commune, Ha Hoa district, Phu Tho province.	92,000	1,128,000	Quan Khe Commune	Mr Tuoc. Quan Khe president	Living land, Rice field, fruit plantation, grave area.	19 June 2012	Phu Tho Provincial People's Committee	November 2012	4 th Quarter 2013	

SPOILS DISPOSAL AREAS											
Packag e / SD No.	Location	Approve d Area (m ²)	Approve d Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
Xa Minh Coi, Ha Hoa											
1	Km 90+080	1266.2	16400	Nguyen Thi Rang		Low elevation, flood area, can not cultivation	20 Oct. 2010	09 – Aug - 2010	20 Oct. 2010	4 th Quarter 2013	
2	Km 90+220	111.02	2500	Bui Van Nhu		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
3	Km 90+220	637.6	12250	Nguyen Y Nguyen		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
4	Km 90+280	453.6	8200	Nguyen Viet Hung		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
5	Km 91+200	172.8	12000	Le Quang Thang		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
6	Km 92+000	850	16369	Phung Thi Khoa		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
7	Km 92+100	702.1	11200	Nguyen Van Giao		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
8	Km 92+510	504.2	6000	Nguyen Van Cuong		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
9	Km 92+600	522.2	6500	Nguyen Van Cuong		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
10	Km 92+850	822.73	14300	Do Thi Nu		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
11	Km 93+050	376.2	6100	Nguyen Van Thoa		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
12	Km 93+160	687.6	13400	Nguyen Van Thoa		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
13	Km 93+100	326.3	5800	Le Thi Loan		Fish pond, but not efficient	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
14	Km 93+600	1354.8	18200	Ly Minh Tam		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
15	Km 93+700	650	5350	Nguyen Ba Ngoc		Low elevation, flood area, can not cultivation	20 Oct. 2010		20 Oct. 2010	4 th Quarter 2013	
16	Km87+600-Km95+200	8520	85360	Nguyen Thanh Binh		Low elevation, flood area, can not cultivation	20 Jun 2013		20 Jun 2013	4 th Quarter 2013	

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
17	Km87+600-Km95+200	1055	15300	Nguyen Van Tai		Low elevation, flood area, can not cultivation	20 Jun 2013	2 – Jun - 2013	20 Jun 2013	4 th Quarter 2013	
18	Km87+600-Km95+200	5150	46218	Nguyen Thanh Binh		Low elevation, flood area, can not cultivation	20 Jun 2013		20 Jun 2013	4 th Quarter 2013	
Xa Bang Gia, Ha Hoa											
1	Bai ui	3600	28800	Bang Gia Commune		Fish pond	12 Dec. 2010	19 – Nov 2010	12 Dec. 2010	4 th Quarter 2013	
2	Ward 11	3800	11400	Nguyen Van Quan		Fish pond	12 Dec. 2010		19 Nov. 2010	4 th Quarter 2013	
Xa Vo Tranh, Ha Hoa											
1	Cap Tien, Ward 6, Vo Tranh	1200	3600	Tran Thien Le		Fish pond	10 January , 2011	05 – Dec - 2010	10 January , 2011	4 th Quarter 2013	
2	Dong Mai, Ward 5	1500	6000	Vo Tranh Commune		Fish pond	10 January , 2011		10 January , 2011	4 th Quarter 2013	
Xa Hien Luong, Ha Hoa											
1	Cutural house	1620	3240	Mr Nguyen, Chairman of Hien Luong Commune		Low elevation, flood area need to raise level	17 Dec. 2010	12 – Nov 2010	17 Dec. 2010	4 th Quarter 2013	
2	Ward 2	1200	1800	Mr Nguyen, Chairman of Hien Luong Commune		Low elevation, flood area need to raise level	17 Dec. 2010		17 Dec. 2010	4 th Quarter 2013	
3	Pond of Mrs Hoan,	1200	2400	Mrs Hoan		Fish pond	17 Dec. 2010		17 Dec. 2010	4 th Quarter 2013	

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Noi Bai – Lao Cai Highway Project**

SPOILS DISPOSAL AREAS											
Packag e / SD No.	Location	Approve d Area (m ²)	Approve d Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
	Ward 2										
4	Old brick production area	4000	6000	Dong Trua		Excavated area for brick production needs to be recovered	17 Dec. 2010		17 Dec. 2010	4 th Quarter 2013	
Xa Quan Khe, Ha Hoa											
1	Fish pond of Mr. Cuong's house	690	1244	Nguyen Van Cuong		Fish pond, but not efficient	7 Oct. 2010	12 – Sep - 2010	7 Oct. 2010	4 th Quarter 2013	
2	Fish pond of Mrs. Oanh's house, Ward 1	900	2160	Do Thi Oanh		Fish pond, but not efficient	7 Oct. 2010		7 Oct. 2010	4 th Quarter 2013	
3	Fish pond of Mr. Chau's house	624	1560	Do Ngoc Chau		Fish pond, but not efficient	7 Oct. 2010		7 Oct. 2010	4 th Quarter 2013	
4	Pond, Ward 1	5788	36000	Mr Doanh, Chairman of Quan Khe Communce		Fish pond, but not efficient	7 Oct. 2010		7 Oct. 2010	4 th Quarter 2013	
5	Dyke, Ward 1	400	23152	Mr Doanh, Chairman of Quan Khe Communce		Low elevation, flood area, can not cultivation	7 Oct. 2010		7 Oct. 2010	4 th Quarter 2013	
Xa Son Nga, huyen Cam Khe											
1	Km 81+020	800	8000	Nguyen Van Yen		Low elevation, need to raise level	29 Dec. 2010		29 Dec. 2010	4 th Quarter 2013	

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
						for cultivation		10 – Dec 2010			
2	Km 81+020	400	2400	Nguyen Minh Duc		Low elevation, need to raise level for cultivation	29 Dec. 2010		29 Dec. 2010	4 th Quarter 2013	
3	Km 81+080	240	960	Hoangf Van Ba		Low elevation, need to raise level for cultivation	29 Dec. 2010		29 Dec. 2010	4 th Quarter 2013	
4	Km 80+800	2000	20000	Hoa Mai Company		Backfill for brick production area	29 Dec. 2010		29 Dec. 2010	4 th Quarter 2013	
Xa Phung Xa, huyen Cam Khe											
1	Km 82+080	300	600	Nguyen Thi Thung		Pond, and low area, need to	28 Dec. 2010		28 Dec. 2010	4 th Quarter 2013	
2	Km 82+100	2200	8800	M. Toa, Vice Chairman of Phung Xa Commune		Fill for stadium of the commune	28 Dec. 2010		28 Dec. 2010	4 th Quarter 2013	
Xa Sai Nga, huyen Cam Khe											
1	Km80+000	240	960	Tran Van Bau		Fill for stadium of the commune	22 May 2013	13 – Jan - 2013	22 May 2013	31/12/2013	
2	Km80+000-Km81+600	2.600	26000	Tran Quoc Hung		Fill for stadium of the commune	09 Aug 2013	15 – Jun - 2013	09 Aug 2013	31/12/2013	
3	Km80+000-Km81+600	315	3150	Tran Dinh Dong		Fill for stadium of the commune	09 Aug 2013		09 Aug 2013	31/12/2013	
4	Km80+000-Km81+600	1110	11100	Tran Ba Chiem		Fill for stadium of the commune	09 Aug 2013		09 Aug 2013	31/12/2013	

BATCHING PLANTS

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Package / SD No.	Location	Appropriate settling pond	Noise and dust measures	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
A4/CBP1	Ha Hoa Bridge	Yes	Yes	Bang Gia Commune	Mr. Long Chairman of Bang Gia Commune	Pending	1 Jan. 2012	Bang Gia Commune	1 Jan. 2012	1 Jan. 2016	
A4/CBP2	Zone 4, Minh Coi commune, Ha Hoa district	Yes	Yes	Ho Van Thai	01696.643.932	farm land	14 Dec 2012	Minh Coi commune certified	1 st Quarter 2012	4 th Quarter 2013	
				Nguyen Tien Loi	01686.352.890	farm land	14 Dec 2012	Minh Coi commune certified	1 st Quarter 2012	4 th Quarter 2013	
				Nguyen Tuan Hong	0975.247.493	farm land	14 Dec 2012	Minh Coi commune certified	1 st Quarter 2012	4 th Quarter 2013	
				Nguyen Xuan Liem	01689.338.258	farm land	14 Dec 2012	Minh Coi commune certified	1 st Quarter 2012	4 th Quarter 2013	
				Phung Duc Thu	01275.168.096	farm land	14 Dec 2012	Minh Coi commune certified	1 st Quarter 2012	4 th Quarter 2013	
				Tran Van Nhan	0210.6291.937	farm land	14 Dec 2012	Minh Coi commune certified	1 st Quarter 2012	4 th Quarter 2013	
				Nguyen Hong Phuong	01678.814.448	farm land	14 Dec 2012	Minh Coi commune certified	1 st Quarter 2012	4 th Quarter 2013	
				Nguyen Van Sy	01687.147.867	farm land	14 Dec 2012	Minh Coi commune certified	1 st Quarter 2012	4 th Quarter 2013	

Package A5

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BATCHING PLANTS											
Package A5/CBP No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A5/CBP1	Km 124+000			Song Hong Concrete JSC		Side Cut of idled land	31/10/2011	Tran Yen GOV	17/9/2 011		
A5/CBP2	Km 136+000			Licogi 15		grass land	31/10/2011	Van Yen GOV	4/12/2 011		
A5/CBP3	Km 145+200			Thanh Thu-Bao Tin		idled grass land	27/6/2011	Van Yen GOV	10/12/ 2011		
A5/CBP dtx	KCN Dam Hong			Dong Tam Xanh Investment and Construction JSC		commercial lot	26/1/2011	Van Yen GOV	30/7/2 011		
A5/CBP 4	Km145+100			Trancosin		commercial lot	6/10/2012	Van Yen GOV	12/11/ 2012		
A5/CBP 5	Km122+000			Licogi 13		commercial lot	10/6/2013	Yen Bai GOV	6/5/20 13		

SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A5/SD1	Km111+740, Minh Quan commune, Tran Yen district, Yen Bai province	4094	14201	Song Da Co., Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Private land	17-Sep- 2012	3-Oct-2012	3-Oct-2012		
A5/SD2	Km111+680, Minh Quan commune, Tran Yen district, Yen Bai province	16580	59245	Song Da Co., Ltd	Minh Quan commune, Tran Yen district, Yen	Private land	17-Sep- 2012	3-Oct-2012	3-Oct-2012		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
					Bai province						
A5/SD3	Km113+100, Minh Quan commune, Tran Yen district, Yen Bai province	4427	29358	Song Da Co., Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Private land	17-Sep-2012	3-Oct-2012	3-Oct-2012		
A5/SD4	Km112+200, Minh Quan commune, Tran Yen district, Yen Bai province	9600	43790	Song Da Co., Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Private land	17-Sep-2012	3-Oct-2012	3-Oct-2012		
A5/SD5	Km112+600, Bao Hung commune, Tran Yen district, Yen Bai province	19370	60750	Song Da Co., Ltd	Bao Hung commune, Tran Yen district, Yen Bai province	Wild land	17-Sep-2012	3-Oct-2012	3-Oct-2012		
A5/SD6	Km116+480, Bao Hung commune, Tran Yen district, Yen Bai province	1940	12731	Song Da Co., Ltd	Bao Hung commune, Tran Yen district, Yen Bai province	Private land	17-Sep-2012	3-Oct-2012	3-Oct-2012		
A5/SD7	Km125+300, Minh Tien commune, Tran Yen district, Yen Bai province	3566	8273	Licogi 15 Co., Ltd	Minh Tien commune, Tran Yen district, Yen Bai province	Private land	17-Sep-2012	3-Oct-2012	3-Oct-2012		
A5/SD8	Km118+755, Bao Hung commune, Tran Yen district, Yen Bai province	560	28528	Licogi 13 Co., Ltd	Bao Hung commune, Tran Yen district, Yen Bai province	Wild land	9-Oct-2012	27-Oct-2012	27-Oct-2012		
A5/SD9	Km119+6800, Hop Minh commune, Tran Yen district, Yen Bai province	1560	43759	Licogi 13 Co., Ltd	Bao Hung commune, Tran Yen district, Yen Bai province	Wild land	9-Oct-2012	27-Oct-2012	27-Oct-2012		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A5/SD10	Km120+180, Hop Minh commune, Tran Yen district, Yen Bai province		64699	Licogi 13 Co., Ltd	Bao Hung commune, Tran Yen district, Yen Bai province	Wild land	9-Oct-2012	27-Oct-2012	27-Oct-2012		
A5/SD11	Km126+620, Y Kan commune, Tran Yen district, Yen Bai province,		4721	Licogi 15 Co. Ltd	Y Kan commune, Tran Yen district, Yen Bai province,	Private land	17-Sep-2012	15-Oct-2012	15-Oct-2012		
A5/SD12	Km126+750, Y Kan commune, Tran Yen district, Yen Bai province		2448	Licogi 15 Co. Ltd	Y Kan commune, Tran Yen district, Yen Bai province,	Private land	17-Sep-2012	15-Oct-2012	15-Oct-2012		
A5/SD13	Km129+300, Y Kan commune, Tran Yen district, Yen Bai province		2427	Licogi 15 Co. Ltd	Y Kan commune, Tran Yen district, Yen Bai province,	Private land	17-Sep-2012	15-Oct-2012	15-Oct-2012		
A5/SD14	Km130+620, Y Kan commune, Tran Yen district, Yen Bai province	2238	11700	Licogi 15 Co. Ltd	Y Kan commune, Tran Yen district, Yen Bai province,	Private land	17-Sep-2012	15-Oct-2012	15-Oct-2012		
A5/SD15	Km131+840, Quy Mong commune, Tran Yen district, Yen Bai province	2158	28167	Licogi 15 Co. Ltd	Quy Mong commune, Tran Yen district, Yen Bai province	Private land	17-Sep-2012	24-Oct-2012	24-Oct-2012		
A5/SD16	Km132+440, Quy Mong commune, Tran Yen district, Yen Bai province	2465	19720	Licogi 15 Co. Ltd	Quy Mong commune, Tran Yen district, Yen Bai province	Private land	17-Sep-2012	2-Nov-2012	2-Nov-2012		
A5/SD17	Km133+680, Quy Mong commune, Tran Yen district, Yen Bai province	1875	18750	Licogi 15 Co. Ltd	Quy Mong commune, Tran Yen district, Yen Bai province	Private land	17-Sep-2012	2-Nov-2012	2-Nov-2012		
A5/SD18	Km136+320, Quy Mong	2175	32190	Licogi 15 Co.	Quy Mong	Wild land	27-Aug-	9-Sep-2012	9-Sep-2012		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	commune, Tran Yen district, Yen Bai province			Ltd	commune, Tran Yen district, Yen Bai province		2012				
A5/SD19	Km138+000, Hoang Thang commune, Tran Yen district, Yen Bai province		6003	Licogi 15 Co. Ltd	Quy Mong commune, Tran Yen district, Yen Bai province	Wild land	27-Aug-2012	9-Sep-2012	9-Sep-2012		
A5/SD20	Km136+750, Quy Mong commune, Tran Yen district, Yen Bai province	1980	8329	Licogi 15 Co. Ltd	Quy Mong commune, Tran Yen district, Yen Bai province	Wild land	27-Aug-2012	9-Sep-2012	9-Sep-2012		
A5/SD21	Km137+420, Hoang Thang commune, Tran Yen district, Yen Bai province	5437	45891	Licogi 15 Co. Ltd	Hoang Thang commune, Tran Yen district, Yen Bai province	Private land	27-Aug-2012	9-Sep-2012	9-Sep-2012		
A5/SD22	Km137+980, Hoang Thang commune, Tran Yen district, Yen Bai province	1244	5980	Trancosin Co. Ltd	Hoang Thang commune, Tran Yen district, Yen Bai province	Private land	27-Aug-2012	9-Sep-2012	9-Sep-2012		
A5/SD23	Km140+140, Xuan Ai commune, Tran Yen district, Yen Bai province		13940	Trancosin Co. Ltd	Xuan Ai commune, Tran Yen district, Yen Bai province	Private land	27-Aug-2012	9-Sep-2012	9-Sep-2012		
A5/SD24	Km141+160, Xuan Ai commune, Tran Yen district, Yen Bai province		11681	Trancosin Co. Ltd	Xuan Ai commune, Tran Yen district, Yen Bai province	Private land	27-Aug-2012	20-Sep-2012	20-Sep-2012		
A5/SD25	Km141+240, Xuan Ai commune, Tran Yen district, Yen Bai province		3599	Trancosin Co. Ltd	Xuan Ai commune, Tran Yen district, Yen Bai province	Private land	27-Aug-2012	20-Sep-2012	20-Sep-2012		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
					Bai province						
A5/SD26	Km140+520, Xuan Ai commune, Tran Yen district, Yen Bai province		6015	Trancosin Co. Ltd	Xuan Ai commune, Tran Yen district, Yen Bai province	Private land	27-Aug-2012	20-Sep-2012	20-Sep-2012		
A5/SD27	Km140+860, Xuan Ai commune, Tran Yen district, Yen Bai province		15826	Trancosin Co. Ltd	Xuan Ai commune, Tran Yen district, Yen Bai province	Private land	27-Aug-2012	20-Sep-2012	20-Sep-2012		
A5/SD28	Km145+000, Yen Hop Commune, Van Yen district, Yen Bai province	4500	26286	Trancosin Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Private land	27-Aug-2012	20-Sep-2012	20-Sep-2012		
A5/SD29	Km146+250, Yen Hop Commune, Van Yen district, Yen Bai province	3500	11584	Trancosin Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Private land	27-Aug-2012	20-Sep-2012	20-Sep-2012		
A5/SD30	Km146+720, Yen Hop Commune, Van Yen district, Yen Bai province	1734	6937	Trancosin Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Private land	27-Aug-2012	17-Sep-2012	17-Sep-2012		
A5/SD31	Km147+200, Yen Hop Commune, Van Yen district, Yen Bai province	1488	11583	Trancosin Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Private land	27-Aug-2012	17-Sep-2012	17-Sep-2012		
A5/SD32	Km148+300, Yen Hop commune, Tran Yen district, Yen Bai province	1023	15000	Trancosin Co. Ltd	Yen Hop commune, Tran Yen district, Yen Bai province	Private land	27-Aug-2012	17-Sep-2012	17-Sep-2012		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A5/SD33	Km111+740, Minh Quan commune, Tran Yen district, Yen Bai province	2184	6282	Song Da 9 Co. Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Private land	28-Nov-2012	15-Dec-2012	15-Dec-2012		
A5/SD34	Km111+740, Minh Quan commune, Tran Yen district, Yen Bai province	1280	7919	Song Da 9 Co. Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Wild land	28-Nov-2012	15-Dec-2012	15-Dec-2012		
A5/SD35	Km111+680, Minh Quan commune, Tran Yen district, Yen Bai province	2677	6150	Song Da 9 Co. Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Private land	28-Nov-2012	15-Dec-2012	15-Dec-2012		
A5/SD36	Km111+680, Minh Quan commune, Tran Yen district, Yen Bai province	4603	5000	Song Da 9 Co. Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Wild land	28-Nov-2012	15-Dec-2012	15-Dec-2012		
A5/SD37	Km111+800, Minh Quan commune, Tran Yen district, Yen Bai province	9300	48095	Song Da 9 Co. Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Private land	28-Nov-2012	22-Dec-2012	22-Dec-2012		
A5/SD38	Km110+100, Minh Quan commune, Tran Yen district, Yen Bai province	9600	43790	Song Da 9 Co. Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Private land	28-Nov-2012	22-Dec-2012	22-Dec-2012		
A5/SD39	Km110+340, Minh Quan commune, Tran Yen district, Yen Bai province	330	1650	Song Da 9 Co. Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Private land	28-Nov-2012	22-Dec-2012	22-Dec-2012		
A5/SD40	Km110+360, Minh Quan commune, Tran Yen	7070	29100	Song Da 9	Minh Quan commune, Tran	Private land	28-Nov-	22-Dec-2012	22-Dec-		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	district, Yen Bai province			Co. Ltd	Yen district, Yen Bai province		2012		2012		
A5/SD41	Km111+670, Minh Quan commune, Tran Yen district, Yen Bai province	12000	30000	Song Da 9 Co. Ltd	Minh Quan commune, Tran Yen district, Yen Bai province	Private land	28-Nov-2012	22-Dec-2012	22-Dec-2012		
A5/SD42	Km148+300, Yen Hop Commune, Van Yen district, Yen Bai province		150000	Trancosin Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Private land	17-Dec-2012	15-Jan-2013	15-Jan-2013		
A5/SD43	Km146+250, Yen Hop Commune, Van Yen district, Yen Bai province		11584	Trancosin Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Private land	17-Dec-2012	15-Jan-2013	15-Jan-2013		
A5/SD44	Km145+000, Yen Hop Commune, Van Yen district, Yen Bai province		26286	Trancosin Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Private land	17-Dec-2012	15-Jan-2013	15-Jan-2013		
A5/SD45	Km126+900, Y Kan commune, Tran Yen district, Yen Bai province		16084	Trancosin Co. Ltd	Y Kan commune, Tran Yen district, Yen Bai province	Private land	17-Dec-2012	15-Jan-2013	15-Jan-2013		
A5/SD46	Km127+000, Y Kan commune, Tran Yen district, Yen Bai province		4224	Keangnam Contractor	Y Kan commune, Tran Yen district, Yen Bai province	Wild land	4-Feb-2013	28-Mar-2013	28-Mar-2013		
A5/SD47	Km127+000, Y Kan commune, Tran Yen district, Yen Bai province		5779	Keangnam Contractor	Y Kan commune, Tran Yen district, Yen Bai province	Wild land	4-Feb-2013	28-Mar-2013	28-Mar-2013		
A5/SD48	Km120+200, Hop Minh commune, Tran Yen		7067	Keangnam Contractor	Hop Minh commune, Tran	Private land	4-Feb-2013	28-Mar-2013	28-Mar-2013		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	district, Yen Bai province				Yen district, Yen Bai province						
A5/SD49	Km122+100, Hop Minh commune, Tran Yen district, Yen Bai province		37515	Hoang An Co. Ltd	Hop Minh commune, Tran Yen district, Yen Bai province	Wild land	4-Feb-2013	28-Mar-2013	28-Mar-2013		
A5/SD50	Km128+800, Y Kan commune, Tran Yen district, Yen Bai province		2558	Hoang An Co. Ltd	Y Kan commune, Tran Yen district, Yen Bai province	Private land	17-Sep-2012	3-Nov-2012	3-Nov-2012		
A5/SD51	Km129+590, Y Kan commune, Tran Yen district, Yen Bai province		2784	Hoang An Co. Ltd	Y Kan commune, Tran Yen district, Yen Bai province	Private land	17-Sep-2012	3-Nov-2012	3-Nov-2012		
A5/SD52	Km126+000, Y Kan commune, Tran Yen district, Yen Bai province		392	Keangnam Contractor	Y Kan commune, Tran Yen district, Yen Bai province	Private land	5-Feb-2013	29-Mar-2013	29-Mar-2013		
A5/SD53	Km125+950, Y Kan commune, Tran Yen district, Yen Bai province		880	Keangnam Contractor	Y Kan commune, Tran Yen district, Yen Bai province	Private land	5-Feb-2013	26-Feb-2013	26-Feb-2013		
A5/SD54	Km125+600, Y Kan commune, Tran Yen district, Yen Bai province		2919	Keangnam Contractor	Y Kan commune, Tran Yen district, Yen Bai province	Private land	5-Feb-2013	26-Feb-2013	26-Feb-2013		
A5/SD55	Km125+500, Y Kan commune, Tran Yen district, Yen Bai province		987	Keangnam Contractor	Y Kan commune, Tran Yen district, Yen Bai province	Private land	5-Feb-2013	26-Feb-2013	26-Feb-2013		
A5/SD56	Km125+780, Y Kan commune, Tran Yen district, Yen Bai province		2095	Keangnam Contractor	Y Kan commune, Tran Yen district, Yen Bai province	Private land	5-Feb-2013	26-Feb-2013	26-Feb-2013		
A5/SD57	Km125+700, Y Kan commune, Tran Yen		378	Keangnam	Y Kan commune, Tran Yen district,	Private land	5-Feb-2013	26-Feb-2013	26-Feb-		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	district, Yen Bai province			Contractor	Yen Bai province				2013		
A5/SD58	Km125+700, Y Kan commune, Tran Yen district, Yen Bai province		622	Keangnam Contractor	Y Kan commune, Tran Yen district, Yen Bai province	Private land	5-Feb-2013	26-Feb-2013	26-Feb-2013		
A5/SD59	Km145+500, Yen Hop Commune, Van Yen district, Yen Bai province	809	2000	Song Da 9 Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Private land	18-Apr-2013	5-May-2013	5-May-2013		
A5/SD60	Km147+680, Yen Hop Commune, Van Yen district, Yen Bai province	2000	6000	Trancosin Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Private land	18-Apr-2013	5-May-2013	5-May-2013		
A5/SD61	Km148+200, Yen Hop Commune, Van Yen district, Yen Bai province	20000	106000	Trancosin Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Wild land	18-Apr-2013	5-May-2013	5-May-2013		
A5/SD62	Km149+030, Yen Hop Commune, Van Yen district, Yen Bai province	1800	4000	Trancosin Co. Ltd	Yen Hop Commune, Van Yen district, Yen Bai province	Private land	18-Apr-2013	5-May-2013	5-May-2013		

BORROW PITS											
Package A5/Borrow Pit No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A5/BP1	Km111+170		120,000	Minh Quan commune		Mountain		Tran Yen GOV			
A5/BP2	Km111+540		130,000	Minh Quan		Mountain		Tran Yen			

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BORROW PITS											
Package A5/Borrow Pit No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
				commune				GOV			
A5/BP3	Km116+600		33,000	Bao Hung commune		Mountain		Tran GOV Yen			
A5/BP4	Km117+120		37,000	Hop Minh commune		Mountain		Tran GOV Yen			
A5/BP5	Km117+400		15,000	Hop Minh commune		Mountain		Tran GOV Yen			
A5/BP6	Km118+100		20,000	Hop Minh commune		Mountain		Tran GOV Yen			
A5/BP7	Km120+340		10,000	Au Lau commune		Mountain		Tran GOV Yen			
A5/BP8	Km120+860		30,000	Au Lau commune		Mountain		Tran GOV Yen			
A5/BP9	Km121+180		40,000	Au Lau commune		Mountain		Tran GOV Yen			
A5/BP10	Km123+760		20,000	Minh Tien commune		Mountain		Tran GOV Yen			
A5/BP11	Km124+600		80,000	Minh Tien commune		Mountain		Tran GOV Yen			
A5/BP12	Km125+460		35,000	Minh Tien commune		Mountain		Tran GOV Yen			
A5/BP13	Km125+700		25,025	Minh Tien commune		Mountain		Tran GOV Yen			
A5/BP14	Km125+720		30,000	Minh Tien commune		Mountain		Tran GOV Yen			
A5/BP15	Km125+880		100,000	Minh Tien commune		Mountain		Tran GOV Yen			
A5/BP16	Km129+440		130,000	Y Can		Mountain		Tran GOV Yen			

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BORROW PITS											
Package A5/Borrow Pit No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
				commune				GOV			
A5/BP17	Km129+240		70,000	Y Can commune		Mountain		Tran GOV Yen			
A5/BP18	Km129+160		50,000	Y Can commune		Mountain		Tran GOV Yen			

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Package A6

BATCHING PLANTS											
Package A6 /CBP No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A6/CBP1	Km 163			Vinasan			10-Jun-2010	Van Yen GOV			
A6/CBP2	Km 165			Whitestone Vina				Van Yen GOV			
A6/CBP3	Km 180			Whitestone Vina			29-Sep-10	Van Yen GOV			
A6/CBP4	Km 185			Whitestone Vina			26-Aug-11	Van Yen GOV			

SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A6/SD1	Km152+600, Tan Hop commune, Van Yen district, Yen Bai province	2,838	54,528	Quang Trung., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	27-Mar-2012	11-April-2012	16-April-2012		
A6/SD2	Km152+900, Tan Hop commune, Van Yen district, Yen Bai province	985	17971	Quang Trung., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	27-Mar-12	11-April-2012	16-April-2012		
A6/SD3	Km155, Tan Hop commune, Van Yen district, Yen Bai province	1500	6000	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Garden of Mr. Hoa	19-April-2012	26-April-2012	26-April-2012		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A6/SD4	Km155, Tan Hop commune, Van Yen district, Yen Bai province	3000	12000	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Garden of Mr. Dung	19-April-2012	26-April-2012	26-April-2012		
A6/SD5	Km155, Tan Hop commune, Van Yen district, Yen Bai province	3000	12000	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Garden of Mr. Thang	19-April-2012	26-April-2012	26-April-2012		
A6/SD6	Km155+700, Tan Hop commune, Van Yen district, Yen Bai province	1200	4800	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Garden of Mr. Thuc	19-April-2012	26-April-2012	26-April-2012		
A6/SD7	Km153+700, Tan Hop commune, Van Yen district, Yen Bai province	3000	12000	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	19-April-2012	26-April-2012	26-April-2012		
A6/SD8	Km153+300, Tan Hop commune, Van Yen district, Yen Bai province		28766	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	24-May-2012	12-Jun-2012	12-Jun-2012		
A6/SD9	Km154+000, Tan Hop commune, Van Yen district, Yen Bai province	3018	15303	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	27-Dec-2012	18-Jan-2013	18-Jan-2013		
A6/SD10	Km153+520, Tan Hop commune, Van Yen district, Yen Bai province	3380	20785	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	27-Dec-2012	18-Jan-2013	18-Jan-2013		
A6/SD11	Km155+400, Tan Hop commune, Van Yen	480	3638	Truong Loc.,	Tan Hop commune, Van	Private land	9-Oct-2012	16-Oct-2012	16-Oct-		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	district, Yen Bai province			Ltd	Yen district, Yen Bai province				2012		
A6/SD12	Km155+600, Tan Hop commune, Van Yen district, Yen Bai province	3161	18644	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Wild land	28-Jan- 2013	5-Feb-2013	5-Feb-2013		
A6/SD13	Km155+500, Tan Hop commune, Van Yen district, Yen Bai province	448	1413	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Wild land	28-Jan- 2013	5-Feb-2013	5-Feb-2013		
A6/SD14	Km155+700, Tan Hop commune, Van Yen district, Yen Bai province	5063	100848	Truong Loc., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	28-May- 2013	11-Jun-2013	11-Jun- 2013		
A6/SD15	Km155+500, Tan Hop commune, Van Yen district, Yen Bai province	2077	9347	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Garden of Mr. Hieu	19-Apr- 2012	26-Apr-2012	26-Apr- 2012		
A6/SD16	Tan Hop commune, Van Yen district, Yen Bai province	2171	9770	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land of Tan Hop's primary school	19-Apr- 2012	26-Apr-2012	26-Apr- 2012		
A6/SD17	Tan Hop commune, Van Yen district, Yen Bai province	6466	29097	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land of Tan Hop's children school	19-Apr- 2012	26-Apr-2012	26-Apr- 2012		
A6/SD18	Tan Hop commune, Van Yen district, Yen Bai province	7526	33867	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Garden of Mr. Hien	19-Apr- 2012	26-Apr-2012	26-Apr- 2012		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A6/SD19	Tan Hop commune, Van Yen district, Yen Bai province	3422	15399	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Garden of Mr. Thong	19-Apr- 2012	26-Apr-2012	26-Apr- 2012		
A6/SD20	Tan Hop commune, Van Yen district, Yen Bai province	6877	60947	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Garden of Mr. Huong	19-Apr- 2012	26-Apr-2012	26-Apr- 2012		
A6/SD21	Tan Hop commune, Van Yen district, Yen Bai province	3752	18193	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	5-Jun-2012	16-Jun-2012	16-Jun- 2012		
A6/SD22	Tan Hop commune, Van Yen district, Yen Bai province	4163	30572	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	5-Jun-2012	16-Jun-2012	16-Jun- 2012		
A6/SD23	Tan Hop commune, Van Yen district, Yen Bai province	2383	22253	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	11-Jul-2012	16-Jul-2012	16-Jul-2012		
A6/SD24	Tan Hop commune, Van Yen district, Yen Bai province		18412	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	24-Aug- 2012	7-Sep-2012	7-Sep-2012		
A6/SD25	Tan Hop commune, Van Yen district, Yen Bai province	5502	104470	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	24-Aug- 2012	7-Sep-2012	7-Sep-2012		
A6/SD26	Tan Hop commune, Van Yen district, Yen		23043	Licogi., Ltd	Tan Hop commune, Van	Private land	24-May-	21-Jun-2012	21-Jun-		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	Bai province				Yen district, Yen Bai province		2012		2012		
A6/SD27	Tan Hop commune, Van Yen district, Yen Bai province		22675	Licogi., Ltd	Tan Hop commune, Van Yen district, Yen Bai province	Private land	24-May-2012	21-Jun-2012	21-Jun-2012		
A6/SD28	Km166+600, Dong An commune, Van Yen district, Yen Bai province		3258	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Wild land	13-Aug-2010	16-Aug-2010	16-Aug-2010		
A6/SD29	Km167+300, Dong An commune, Van Yen district, Yen Bai province		5380	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Wild land	13-Aug-2010	16-Aug-2010	16-Aug-2010		
A6/SD30	Km168+700, Dong An commune, Van Yen district, Yen Bai province		24318	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Private land	13-Aug-2010	16-Aug-2010	16-Aug-2010		
A6/SD31	Km168+000, Dong An commune, Van Yen district, Yen Bai province		11882	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Wild land	13-Aug-2010	16-Aug-2010	16-Aug-2010		
A6/SD32	Km166+050, Dong An commune, Van Yen district, Yen Bai province		2819	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Wild land	13-Aug-2010	16-Aug-2010	16-Aug-2010		
A6/SD33	Km165+400, Dong An commune, Van Yen district, Yen Bai province	1317	6959	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Private land	1-Jun-2012	12-Jun-2012	12-Jun-2012		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A6/SD34	Km165+400, Dong An commune, Van Yen district, Yen Bai province		51127	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Private land	1-Jun-2012	12-Jun-2012	12-Jun-2012		
A6/SD35	Km166+487, Dong An commune, Van Yen district, Yen Bai province		20083	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Private land	1-Jun-2012	12-Jun-2012	12-Jun-2012		
A6/SD36	Km166+688, Dong An commune, Van Yen district, Yen Bai province	1594	7680	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Private land	1-Jun-2012	12-Jun-2012	12-Jun-2012		
A6/SD37	Km166+520, Dong An commune, Van Yen district, Yen Bai province	2571	15058	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Private land	2-Sep-2013	17-Sep-2013	17-Sep-2013		
A6/SD38	Km165+360, Dong An commune, Van Yen district, Yen Bai province	2155	3597	An Sinh., Ltd	Dong An commune, Van Yen district, Yen Bai province	Private land	2-Sep-2013	17-Sep-2013	17-Sep-2013		
A6/SD39	Km175+240, Chau Que Ha commune, Van Yen district, Yen Bai province	965	3859	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	13-Aug-2010	16-Aug-2010	16-Aug-2010		
A6/SD40	Km175+460, Chau Que Ha commune, Van Yen district, Yen Bai province	1090	4361	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	13-Aug-2010	16-Aug-2010	16-Aug-2010		
A6/SD41	Km175+720, Chau Que Ha commune,	2515	10059	Weicovina., Ltd	Chau Que Ha commune, Van	Private land	13-Aug-	16-Aug-2010	16-Aug-		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	Van Yen district, Yen Bai province				Yen district, Yen Bai province		2010		2010		
A6/SD42	Km176+200, Chau Que Ha commune, Van Yen district, Yen Bai province	2383	9534	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	13-Aug-2010	16-Aug-2010	16-Aug-2010		
A6/SD43	Km176+560, Chau Que Ha commune, Van Yen district, Yen Bai province	6939	27756	Anh Cuong., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	13-Aug-2010	16-Aug-2010	16-Aug-2010		
A6/SD44	Km176+500, Chau Que Ha commune, Van Yen district, Yen Bai province	3333	29105	Anh Cuong., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	19-Mar-2012	24-Mar-2012	24-Mar-2012		
A6/SD45	Km177+500, Chau Que Ha commune, Van Yen district, Yen Bai province	1054	9329	Anh Cuong., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	19-Mar-2012	24-Mar-2012	24-Mar-2012		
A6/SD46	Km177+200, Chau Que Ha commune, Van Yen district, Yen Bai province	2422	44043	Anh Cuong., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	19-Mar-2012	24-Mar-2012	24-Mar-2012		
A6/SD47	Km177+210, Chau Que Ha commune, Van Yen district, Yen Bai province	1071	17617	Anh Cuong., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	19-Mar-2012	24-Mar-2012	24-Mar-2012		
A6/SD48	Km171+200, Chau Que Ha commune, Van Yen district, Yen Bai province	932	16888	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	19-Mar-2012	24-Mar-2012	24-Mar-2012		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A6/SD49	Chau Que Ha commune, Van Yen district, Yen Bai province		1211	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	20-Oct-2012	31-Oct-2012	31-Oct-2012		
A6/SD50	Chau Que Ha commune, Van Yen district, Yen Bai province		9781	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	20-Oct-2012	31-Oct-2012	31-Oct-2012		
A6/SD51	Chau Que Ha commune, Van Yen district, Yen Bai province		17769	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	20-Oct-2012	31-Oct-2012	31-Oct-2012		
A6/SD52	Km173+540, Chau Que Ha commune, Van Yen district, Yen Bai province		51276	Doosan Contractor	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	20-Oct-2012	31-Oct-2012	31-Oct-2012		
A6/SD53	Km173+540, Chau Que Ha commune, Van Yen district, Yen Bai province		121442	Doosan Contractor	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	20-Oct-2012	31-Oct-2012	31-Oct-2012		
A6/SD54	Km178+920, Chau Que Ha commune, Van Yen district, Yen Bai province	488	1220	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Garden of Mrs. Vach	20-Apr-2012	5-May-2012	5-May-2012		
A6/SD55	Km179+040, Chau Que Ha commune, Van Yen district, Yen Bai province	1980	4950	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Garden of Mr. Khoa	20-Apr-2012	5-May-2012	5-May-2012		
A6/SD56	Km179+040, Chau Que Ha commune,	2660	6650	Weicovina., Ltd	Chau Que Ha commune, Van	Garden of Mr.	20-Apr-	5-May-2012	5-May-2012		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	Van Yen district, Yen Bai province				Yen district, Yen Bai province	Thang	2012				
A6/SD57	Km179+700, Chau Que Ha commune, Van Yen district, Yen Bai province	380	950	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Garden of Mr. Viet	20-Apr-2012	5-May-2012	5-May-2012		
A6/SD58	Km179+600, Chau Que Ha commune, Van Yen district, Yen Bai province	1275	3188	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Garden of Mr. Vien	20-Apr-2012	5-May-2012	5-May-2012		
A6/SD59	Km181+500, Chau Que Ha commune, Van Yen district, Yen Bai province	7785	19463	Quang Trung., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Garden of Mr. Hanh	20-Apr-2012	5-May-2012	5-May-2012		
A6/SD60	Km179+520, Chau Que Ha commune, Van Yen district, Yen Bai province	2922	7305	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Garden of Mr. Binh	20-Apr-2012	5-May-2012	5-May-2012		
A6/SD61	Km177+200, Chau Que Ha commune, Van Yen district, Yen Bai province	6700	66997	Weicovina., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Wild land	25-Oct-2012	12-Nov-2012	12-Nov-2012		
A6/SD62	Chau Que Ha commune, Van Yen district, Yen Bai province		14941	Quang Trung., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	27-Feb-2013	2-Apr-2013	2-Apr-2013		
A6/SD63	Chau Que Ha commune, Van Yen district, Yen Bai province		29846	Quang Trung., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	27-Feb-2013	2-Apr-2013	2-Apr-2013		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A6/SD64	Chau Que Ha commune, Van Yen district, Yen Bai province		42528	Quang Trung., Ltd	Chau Que Ha commune, Van Yen district, Yen Bai province	Private land	27-Feb-2013	2-Apr-2013	2-Apr-2013		
A6/SD65	Km182+620, Chau Que Thuong commune, Van Yen district, Yen Bai province	3200	4000	Quang Trung., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Private land	27-Feb-2013	2-Apr-2013	2-Apr-2013		
A6/SD66	Km184+900, Chau Que Thuong commune, Van Yen district, Yen Bai		27000	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Private land	8-Sep-2010	16-Sep-2010	16-Sep-2010		
A6/SD67	Km185+300, Chau Que Thuong commune, Van Yen district, Yen Bai	2700	39286	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Private land	13-Mar-2013	20-Mar-2013	20-Mar-2013		
A6/SD68	Km185+300, Chau Que Thuong commune, Van Yen district, Yen Bai	5350	97066	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Private land	24-Mar-2013	3-May-2013	3-May-2013		
A6/SD69	Km188+200, Chau Que Thuong commune, Van Yen district, Yen Bai	46690	162582	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Private land	29-Dec-2010	13-Jan-2011	13-Jan-2011		
A6/SD70	Km190+110, Chau	6910	17032	Nghe An., Ltd	Chau Que	Wild land	29-Dec-	13-Jan-2011	13-Jan-		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	Que Thuong commune, Van Yen district, Yen Bai province				Thuong commune, Van Yen district, Yen Bai province		2010		2011		
A6/SD71	Km187+300, Chau Que Thuong commune, Van Yen district, Yen Bai province	1102	15780	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Wild land	29-Dec-2010	13-Jan-2011	13-Jan-2011		
A6/SD72	Km187+900, Chau Que Thuong commune, Van Yen district, Yen Bai province	691	5404	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Private land	29-Dec-2010	13-Jan-2011	13-Jan-2011		
A6/SD73	Km189+600, Chau Que Thuong commune, Van Yen district, Yen Bai province	1146	19898	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Private land	29-Dec-2010	13-Jan-2011	13-Jan-2011		
A6/SD74	Km187+660, Chau Que Thuong commune, Van Yen district, Yen Bai province	2446	13684	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Private land	14-Oct-2011	28-Nov-2011	28-Nov-2011		
A6/SD75	Km188+400, Chau Que Thuong commune, Van Yen district, Yen Bai province	995	5396	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Private land	14-Oct-2011	28-Nov-2011	28-Nov-2011		
A6/SD76	Km188+600, Chau	1185	4387	Nghe An., Ltd	Chau Que	Private land	14-Oct-	28-Nov-2011	28-Nov-		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	Que Thuong commune, Van Yen district, Yen Bai province				Thuong commune, Van Yen district, Yen Bai province		2011		2011		
A6/SD77	Km189+600, Chau Que Thuong commune, Van Yen district, Yen Bai province	3586	14962	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Private land	14-Oct-2011	28-Nov-2011	28-Nov-2011		
A6/SD78	Km190+140, Chau Que Thuong commune, Van Yen district, Yen Bai province	1075	18519	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Wild land	14-Oct-2011	28-Nov-2011	28-Nov-2011		
A6/SD79	Km188+400, Chau Que Thuong commune, Van Yen district, Yen Bai province	2439	14962	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Wild land	14-Oct-2011	28-Nov-2011	28-Nov-2011		
A6/SD80	Km188+500, Chau Que Thuong commune, Van Yen district, Yen Bai province	1945	12833	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Wild land	14-Oct-2011	28-Nov-2011	28-Nov-2011		
A6/SD81	Km189+200, Chau Que Thuong commune, Van Yen district, Yen Bai province	2148	18714	Nghe An., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Wild land	14-Oct-2011	28-Nov-2011	28-Nov-2011		
A6/SD82	Km188+720, Chau		58384	Nghe An., Ltd	Chau Que	Wild land	11-Jan-	20-Jan-2013	20-Jan-		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
	Que Thuong commune, Van Yen district, Yen Bai province				Thuong commune, Van Yen district, Yen Bai province		2013		2013		
A6/SD83	Km186+145, Chau Que Thuong commune, Van Yen district, Yen Bai province	7231	96970	Cavico., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Wild land	26-Nov-2010	15-Dec-2010	15-Dec-2010		
A6/SD84	Chau Que Thuong commune, Van Yen district, Yen Bai province		19993	Cavico., Ltd	Chau Que Thuong commune, Van Yen district, Yen Bai province	Wild land	26-Nov-2010	15-Dec-2010	15-Dec-2010		

Contractor didn't provide any information regarding the quarries used for the construction works in Package A6. In this package, no borrow pits are needed for the construction activities.

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Package A7 and A8

BORROW PITS											
Package /Borrow Pit No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A7/BP1	Km207- Km218+040	30.000	300.000m ³		Cam4- Cam Con committee- Bao Yen district- Lao Cai Provide	Hill land	11/5/2011	DONRE OF Lao Cai Provide	30/5/2011	11/10/2011	30/10/2011
A8/BP1	Km234- Km235	10,5ha= 105.000	500.000m ³ /year		Hùng Thắng and Dong Cam- Gia Phu Committee- Bao Thang District- Lao Cai Provide	Hill land	10/01/2011	Lao Cai Province people's committee	31/01/2011	31/01/2012	12/2011

QUARRIES											
Package /Quarry No.	Location	Approved Area (m ²)	Approved Volume (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation Schedule		
				Name	Contact Info		Date	Agency ^c	Start	Estimated Completion	Actual Completion
A7/Q1											
A8/Q1		38800	45.000m ³ /year	Ban Cam quarry	Ban Cam committee- Bao Thang District- Lao Cai Provide	Hill land	7/4/2011	Lao Cai Province people's committee	April- 2011	December- 2015	

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A7/SD1	Km191+600	106.000	1.060.000		Tan An- Van Ban- Lao Cai	idle farm lot	19/4/2010	8/6/2010	30/4/2010	15/12/2010	30/11/2010
A7/SD2	Km195+800	103.000	1.030.000		Tan An- Van Ban- Lao Cai	idle farm lot	19/4/2010		30/4/2010	15/12/2010	30/11/2010
A7/SD3	Km197+200	65.000	260.000		Tan An- Van Ban- Lao Cai	idle farm lot	19/4/2010		30/4/2010	15/12/2010	30/11/2010
A7/SD4	Km198+400	8.000	120.000		Tan An- Van Ban- Lao Cai	rice field	19/4/2010		30/4/2010	15/12/2010	30/11/2010
A7/SD5	Km203+440	10.000	70.000		Khe U- Tan Thuong- Van Ban- Lao Cai	rice field	7/5/2010		30/5/2010	31/12/2011	20/10/2011
A7/SD6	Km203+440	30.000	210.000		Khe U- Tan Thuong- Van Ban- Lao Cai	rice field	7/5/2010		30/5/2010	31/12/2011	25/11/2011
A7/SD7	Km206+500	8.000	40.000		Ban Ly- Cam Con- Bao Yen- Lao Cai	acacia plantation	10/5/2010		25/5/2010	31/12/2011	20/8/2011
A7/SD8	Km205+000	10897.6	54488		Ban Ly2- Cam Con- Bao Yen- Lao Cai	idle farm lot	19/5/2010		15/5/2010	31/12/2011	29/9/2011
A7/SD9	Km206+200	3772.3	18861.5		Ban Ly1- Cam Con- Bao Yen- Lao Cai	idle farm lot	19/5/2010		15/5/2010	31/12/2011	29/9/2011
A7/SD10	Km209+280	2.848.5	14.242.5		Bong 1- Cam Con- Bao Yen- Lao Cai	rice field	1/2/2012	9/3/2012			
A7/SD11	Km210+360	3.044.6	21.312.2		Tan Tien- Cam Con- Bao Yen-	rice field	1/2/2012		15/2/2012		5/2012

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A7/SD1 2	Km210+360	5.281.9	36.973.3		LC	rice field	1/2/2012		15/2/2012		5/2012
A7/SD1 3	Km210+360	2.703.8	18.926.6			rice field	1/2/2012		15/2/2012		5/2012
A7/SD1 4	Km210+380	3.735	26.145			rice field	1/2/2012		15/2/2012		5/2012
A7/SD1 5	Km210+380	1.592.1	11.144.7			rice field	1/2/2012		15/2/2012		5/2012
A7/SD1 6	Km210+400	1.800	10.800			rice field	1/2/2012		15/2/2012		5/2012
A7/SD1 7	Km216+260	2.010.3	12.061.8		Hong Cam-Cam Con- Bao Yen- LC	rice field	1/2/2012		15/2/2012		5/2012
A7/SD1 8	Km216+840	5.760.5	34.563			rice field	1/2/2012		15/2/2012		5/2012
A7/SD1 9	Km216+980	3.470.7	22.559.55			rice field	1/2/2012		15/2/2012		5/2012
A7/SD2 0	Km217+960	1.549	10.068.5			rice field	1/2/2012		15/2/201	5/2012	
A7/SD2 1	Km207+000	5.887.3	41.211.1		Tan Thanh-Cam Con- Bao Yen- LC	rice field	1/2/2012	30/5/2012	20/5/2012		6/2012
A7/SD2 2	Km209+820	2.282.5	15.977.5		Tan Tien- Cam Con- Bao Yen- LC	rice field	1/2/2012		20/5/2012		6/2012
A7/SD2 3	Km210+740	151.5	1.090.8		Tan Tien- Cam Con- Bao Yen- LC	rice field	7/5/2012		20/5/2012		6/2012
A7/SD2 4	Km210+760	1.500	14.250			rice field	7/5/2012		20/5/2012		6/2012
A7/SD2	Km210+780	145.3	1.191.46			rice field	7/5/2012		20/5/2012		6/2012

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
5											
A7/SD2 6	Km210+800	1.390	8.618			rice field	7/5/2012		20/5/2012		6/2012
A7/SD2 7	Km210+820	1.141	8.215.2			rice field	7/5/2012		20/5/2012		6/2012
A7/SD2 8	Km211+200	1.490	11.026		Con2- Cam Con- Bao Yen- LC	rice field	7/5/2012		20/5/2012		6/2012
A7/SD2 9	Km216+520	9.127	86.706.5			rice field	7/5/2012		20/5/2012		6/2012
A7/SD3 0	Km216+520	7.385	66.465			rice field	7/5/2012		20/5/2012		6/2012
A7/SD3 1	Km216+640	11.075	110.750			rice field	7/5/2012		20/5/2012		6/2012
A7/SD3 2	Km217+080	14.655	131.895			rice field	7/5/2012		20/5/2012		6/2012
A7/SD3 3	Km217+280	7.865	86.515			rice field	7/5/2012		20/5/2012		6/2012
A7/SD3 4	Km189+700	15.555.56	140.000		Hamlet1- Que Thuong- Van Yen- Yen Bai	idle farm lot	20/10/2011		1/11/2011		25/3/2012
A7/SD3 5	Km191+350	15.000	120.000		Xuan Sang1- Tan An- Van Ban- Lao Cai	idle farm lot	22/10/2011	12/6/2012	15/11/2011		3/2012
A7/SD3 6	Km199+100	10.769.23	70.000		Cau Thin- Tan Thuong- Van Ban- Lao Cai	idle farm lot	21/10/2011		12/11/2011		3/2012
A7/SD3 7	Km189+700	15,555.56	140,000.00	Tran Van	Tan An- Van Ban- Lao Cai	abandon ed	18/3/2013	11/4/2013	15/6/2012	20/12/2012	31/12/2012

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
				Thanh							
A7/SD38	Km191+350	8,000.00	60,000.00	Tran Van Nhi	Tan An- Van Ban- Lao Cai	idle farm lot			15/6/2012	20/12/2012	31/12/2012
A7/SD39	Km191+350	6,875.00	55,000.00	Pham Van Thong	Tan An- Van Ban- Lao Cai	idle farm lot			15/6/2012	20/12/2012	31/12/2012
A7/SD40	Km191+350	15,000.00	120,000.00	Ta Dinh Hai	Tan An- Van Ban- Lao Cai	idle farm lot			15/6/2012	20/12/2012	31/12/2012
A7/SD41	Km194+790	9,333.33	70,000.00	Dang Van Thong	Tan An- Van Ban- Lao Cai	abandoned			15/6/2012	20/12/2012	31/12/2012
A7/SD42	Km195+700	70,000.00	490,000.00	Some ownership	Tan An- Van Ban- Lao Cai	abandoned			15/6/2012	20/12/2012	31/12/2012
A7/SD43	Km199+100	10,769.23	70,000.00	Ly Xuan Hinh	Tan Thuong- Van Ban- Lao Cai	abandoned			15/6/2012	20/12/2012	31/12/2012
A7/SD44	Km199-Km200	7,500.00	60,000.00	Nguyen Thi Bac	Tan Thuong- Van Ban- Lao Cai	abandoned			15/6/2012	20/12/2012	31/12/2012
CURRENT SITUATION											
A7/SD45	Km 190+420		Not Approved		Tan An- Van Ban- Lao Cai				Near Red river, The contractor had dumped about the 10.000 m3		
A7/SD46	Km 194+200		Not Approved		Tan An- Van Ban- Lao Cai				Near Red river, The contractor had dumped about the 300 m3		
A7/SD47	Km 194+360		Not Approved		Tan An- Van Ban- Lao Cai				Near Red river, The contractor had dumped about the 500 m3		
A7/SD48	Km 199+360		Not Approved		Tan Thuong- Van Ban- Lao				Near Red river, The contractor had dumped about the 5000 m3		

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
					Cai						
A7/SD49	Km 200+000		Not Approved		Tan Thuong-Van Ban- Lao Cai						Near Red river, The contractor had dumped about the 1000 m3
A7/SD50	Km207+000		Not Approved		Ban Ly- Cam Con- Bao Yen- Lao Cai						Near Red river, The contractor had dumped about the 10.000 m3
A7/SD51	Km201+815		Not Approved		Tan Thuong-Van Ban- Lao Cai						Near Red river, The contractor had dumped about the 12.000 m3
A7/SD52	Km195+500		Not Approved		Tan An- Van Ban- Lao Cai						On Red river, The contractor had dumped about the 30.000 m3
A7/SD53	Km209+800		Not Approved		Ban Ly- Cam Con- Bao Yen- Lao Cai						Near Red river, The contractor had dumped about the 5000 m3
A7/SD54	Km209+329		Not Approved		Ban Ly- Cam Con- Bao Yen- Lao Cai						Near Red river, The contractor had dumped about the 6000 m3
A7/SD55	Km191+300		Not Approved		Tan An- Van Ban- Lao Cai						Near Red river, The contractor had dumped about the 5000 m3
A7/SD56	Km194+800		Not Approved		Tan An- Van Ban- Lao Cai						Near Red river, The contractor had dumped about the 1000 m3
A7/SD57	Km194+486		Not Approved		Tan An- Van Ban- Lao Cai						Near Red river, The contractor had dumped about the 600 m3
A7/SD58	Km218+040		Not Approved		Hong Cam- Cam Con- Bao Yen- LC						Near Red river, The contractor had dumped about the 15000 m3
A7/SD59	Km208+890		Not Approved		Tan Tien- Cam Con- Bao Yen-						Near Red river, The contractor had dumped about the 30.000 m3

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
					LC						
A8/SD1	Km218+500	2.612	11.754		An Thang- Son Ha- Bao Thang- Lao Cai	rice field	20/7/2010	30/8/2010	8/2010		11/2010
A8/SD2	Km222+500	952	1.904		An Hong- Son Ha- Bao Thang- Lao Cai	rice field	20/7/2010		8/2010		11/2010
A8/SD3	Km223+050	1.386	3.465		An Hong- Son Ha- Bao Thang- Lao Cai	rice field	20/7/2010		8/2010		11/2010
A8/SD4	Km234+860	10.000	120.000		Tien Loi2- Xuan Giao- Bao Thang- Lao Cai	rice field	10/8/2010		8/2010		11/2010
A8/SD5	Km234+860	2.680	8.000		Tien Loi2- Xuan Giao- Bao Thang- Lao Cai	rice field	10/8/2010		8/2010		11/2010
A8/SD6	Km234+840	10.000	120.000		Tien Loi2- Xuan Giao- Bao Thang- Lao Cai	rice field	10/8/2010		8/2010		11/2010
A8/SD7	Km237+580	730	1.900		Phu Xuan- Gia Phu- Bao Thang- Lao Cai	rice field	20/6/2012		1/7/2010		11/2010
A8/SD8	Km237+195	652	2.000		Son Ca- Gia Phu- Bao Thang- Lao Cai	rice field	20/6/2012		1/7/2010		11/2010
A8/SD9	Km237+160	360	1.200			rice field	3/8/2010		15/8/2010		11/2010
A8/SD10	Km237+060	350	1.255			rice field	20/7/2010		15/8/2010		11/2010
A8/SD11	Km237+060	488	1.200			rice field	28/7/2010		15/8/2010		11/2010
A8/SD12	Km238+500	4.900	7.350		Ben Den- Gia Phu- Bao Thang- Lao Cai	rice field	10/8/2010		15/8/2010		11/2010
A8/SD13	Km238+500	300	450			rice field	10/8/2010		15/8/2010		11/2010
A8/SD14	Km238+500	2.400	3.600			rice field	10/8/2010		15/8/2010		11/2010
A8/SD15	Km238+500	3.000	7.500			rice field	10/8/2010		15/8/2010		11/2010

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SPOILS DISPOSAL AREAS											
Package / SD No.	Location	Approved Area (m ²)	Approved Capacity (m ³)	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Local Authority/ Date	PSC/Date	Start	Est. End	Actual End
A8/SD16	Km238+500	9.600	19.200			rice field	10/8/2010		15/8/2010		11/2010
A8/SD17	Km238+500	3.000	6.000			rice field	10/8/2010		15/8/2010		11/2010
A8/SD18	Km238+500	3.000	6.000			rice field	10/8/2010		15/8/2010		11/2010
A8/SD19	Km238+500	4.00	8.00			rice field	10/8/2010		15/8/2010		11/2010

BATCHING PLANTS											
Package / SD No.	Location	Appropriate settling pond	Noise and dust measures	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
A7/BCP1	Km191+353	Settling pond had provided	Noise and dust measures had support with plant	Khe Sang BCP	Xuan Sang2- Tan An commune - Van Ban District- Lao Cai	Abandoned	7/9/2012	Van Ban District people's committee	18/3/2011	25/3/2013	Continue using
A7/BCP2	Km199+860	Settling pond had provided	Noise and dust measures had support with plant	Tan Thuong BCP	Khe Quat- Tan An commune- Van Ban District- Lao Cai	Abandoned	7/9/2012	Van Ban District people's committee	14/11/2011	25/3/2013	Continue using
A7/BCP3	Km198+400	Settling pond had provided	Noise and dust measures had support with plant	Xom Danh BCP	Ngam Thin- Tan Thuong commune - Van Ban District- Lao Cai	rice field		Van Ban District people's committee	15/1/2011	25/3/2013	Continue using
A7/BCP4	Km209+329	Settling pond had provided	Noise and dust measures had	Tan Tien BCP	Bong1- Cam Con commune - Bao	Hill land		Bao Yen District	25/3/2011	25/3/2013	Continue using

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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BATCHING PLANTS											
Package / SD No.	Location	Appropriate settling pond	Noise and dust measures	Ownership ^a		Prior Land Use ^b	Approval		Operation		
				Name	Contact Info		Date	Agency ^c	Start	Est. End	Actual End
			support with plant		Yen District- Lao Cai			people's committee			
A7/ABP1	Km195+800	Settling pond had provided	Noise and dust measures had support with plant	Trancosin ABP	Tan Son- Tan An- Van Ban- Lao Cai	Hill land	7/11/2012	Van Ban District people's committee	15/11/2012	25/3/2013	Continue using
A7/ABP2	Km203+100	Settling pond had provided	Noise and dust measures had support with plant	Trico ABP	Tan Thuong- Van Ban- Lao Cai	Hill land	11/10/2012	Van Ban District people's committee	14/12/2012	25/3/2013	Continue using
A8/BCP1	Km218+040	Settling pond had provided	Noise and dust measures had support with plant	Suoi Nhu BCP	An Thang hamlet, Son Ha commune, Bao Thang, Lao Cai	Abandoned	16/7/2012	Bao Thang District people's committee	1/4/2011	1/8/2013	
A8/BCP2	Km231+889	Settling pond had provided	Noise and dust measures had support with plant	Suoi Trat BCP	Giao Binh hamlet, Xuan Giao commune, Bao Thang, Lao Cai	Hill land	16/7/2012	Bao Thang District people's committee	11/1/2011	1/8/2013	
A8/BCP3	Km238+265	Settling pond had provided	Noise and dust measures had support with plant	Ngoi Bo BCP	Ben Pha hamlet, Gia Phu commune, Bao Thang, Lao Cai	Abandoned	16/7/2012	Bao Thang District people's committee	24/1/2011	1/8/2013	
A8/ABP1	Km238+265	Settling pond had provided	Noise and dust measures had support with plant	Ngoi Bo ABP	Ben Pha hamlet, Gia Phu commune, Bao Thang, Lao Cai	Abandoned	25/6/2013	Bao Thang District people's committee	29/3/2013	1/8/2013	
A8/ABP2	Km230+800	Settling pond had provided	Noise and dust measures had support with plant	Son Hai ABP	Son Hai commune, Bao Thang, Lao Cai	Abandoned	Not yet	Not yet	20.9.2013	31.12.2013	

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11. ANNEX 5: RIVERSIDES RESTORATION PLANS (TAN LOI AND XUAN PHUONG BRIDGES). PACKAGE A1

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Ref. No. : **POS653-2013**
Date : 19th July 2013
To : GETINSA INGENIERIA S.L (The Engineer)
Attention : Mr. Luis Polonio (Resident Engineer)
CC : Noi Bai- Lao Cai Highway Project Management Unit (EPMU)
Attention : Mr. Le Kim Thanh (EPMU Director)
Mr. Uong Huy Hoang (Executive Manager of EPMU Package A1)
Subject : **Drawing and Riverside Restoration Plan [Xuan Phuong and Tan Loi Bridge]**
Noi Bai - Lao Cai Highway Project Package A1

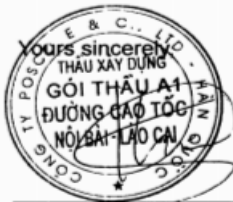
Dear Sir,

In response to your letter Ref.No.GET1/POS/A1/2068 dated 3rd July 2013, you are kindly to be explained as follows:

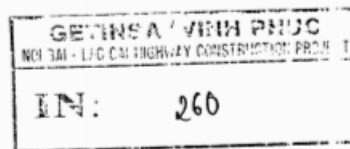
- Shop Drawing: we would like to resubmitted as Attachment 1 herewith including calculation of Pre-stressed concrete pile Length following your requirement.
- Technical Solutions: Pre-stressed concrete pile for the restoration work at Riverside of Xuan Phuong Bridge and Tan Loi Bridge is most appropriate when compared to other solutions (please see attachment 2 for further detail).

In this concern, we look forward to your cooperation for this matter.

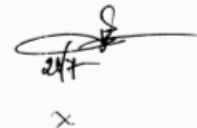
Enclosure: as stated



SHIN SEUNG SIK
PROJECT MANAGER



20 JUL 2013



ES X

POSCO Engineering & Construction Co., Ltd.

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Fax: 84-211-6265-110

Số thư : POS 653-2013
Ngày : 19 tháng 7 năm 2013
Kính gửi : GETINSA INGENIERIA S.L (Supervision Consultant)
Người nhận : Ông Luis Polonio – Kỹ sư Thường trú
Đồng kính gửi : Ban Quản lý đường cao tốc Nội Bài – Lào Cai (EPMU)
Người nhận : Ông Lê Kim Thành (Giám đốc Ban quản lý dự án)
Ông Uông Huy Hoàng (Giám đốc điều hành gói thầu A1)
Về việc : **Bản vẽ và các Giải pháp khôi phục sạt lở bờ sông [Cầu Xuân Phương và Cầu Tân Lợi]**
Dự án đường cao tốc Nội Bài Lào Cai – Gói thầu A1

Thưa ngài,

Tham chiếu thư số GET1/POS/A1/2068 ngày 3 tháng 7 năm 2013. Chúng tôi xin có ý kiến như sau :

1. Về bản vẽ thi công : chúng tôi xin đề trình lại bản vẽ thi công theo đúng yêu cầu của tư vấn kèm theo bản tính toán chiều dài cọc bê tông dự ứng lực (Đính kèm 1)
2. Về hai giải pháp tư vấn đề xuất : Chúng tôi thấy rằng sử dụng cọc bê tông dự ứng lực cho công việc khôi phục bờ sông bị sạt lở tại hai khu vực cầu Xuân Phương và cầu Tân Lợi là giải pháp tối ưu nhất (Chi tiết xin vui lòng xem đính kèm 2).

Kính mong sự nhận được sự phê duyệt của Ngài trong thời gian sớm nhất.

Kính thư,

(Đã ký và đóng dấu)

SHIN SEUNG SIK
GIÁM ĐỐC DỰ ÁN

POSCO Engineering & Construction Co., Ltd.

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

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PACKAGE A1: KM 0-080 -:- KM 26-700

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GÓI THẦU A1: KM 0-080 -:- KM 26-700

ATTACHMENT 1

Đính kèm 1

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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**MINISTRY OF TRANSPORT
NOI BAI - LAO CAI HIGHWAY PROJECT
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**BỘ GIAO THÔNG VẬN TẢI
DỰ ÁN XÂY DỰNG ĐƯỜNG CAO TỐC NỘI BAI -+ LÃO CAI
GÓI THẦU A1: KM 0+080 -+ KM 26+700**

**CALCULATION SHEET OF PRESTRESSED CONCRETE PILE
FOR RIVER BANK RESTORATION WORK AT TAN LOI BRIDGE AREA**

***Bảng tính cọc bê tông ứng suất trước cho công tác khôi phục bờ sông tại khu vực cầu
Tân Lợi***

Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project

CALCULATION FOR LENGTH OF PRESTRESSED CONCRETE PILE SW400-500

I. CALCULATION DATA:

Layer	Name of layer	Top elevation of layer (m)	Thickness (m)	Density γ (kN/m ³)	Internal friction angle ϕ (°C)	Remark
Layer 2a	Lean clay, blackish grey, soft	6.10	6.20	27.3	14.36	
Layer 3a	Poorly graded sand, light grey,	-0.10	6.80	26.8		

CONSTRUCTION LEVEL TABLE

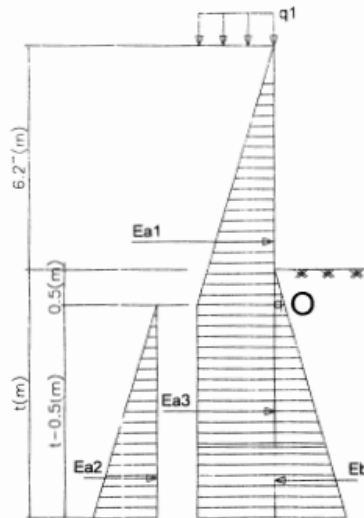
Remark	Description	Value (m)
CĐ1	finishing elevation	+7.03
CĐ2	Top elevation of prestressed concrete pile	+7.03
CĐ3	Bottom elevation of prestressed concrete pile	
CĐ4	Elevation of river bed	+0.76

II. CALCULATION PROCEDURE

1. Calculation diagram

Calculation diagram for the most disadvantaged case: bottom elevation of pile is river bed

Embedded length of prestressed concrete pile SW 400-500: t (m)



2. Load calculation: Sheet piles have the tendency to rotate around point O, far away from bottom of pile cap 0,5 m

- Active pressure :

$$p_{a1} = \gamma \times k_a \times h_1 + k_a \times q_1$$

$$h_1 = 6.77 \text{ (m)}$$

$$p_{a2} = \gamma \times k_a \times h_2$$

$$h_2 = t - 0.5 \text{ (m)}$$

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CALCULATION FOR LENGTH OF PRESTRESSED CONCRETE PILE SW400-500

$$p_{a3} = \gamma \times k_a \times h_3$$

$$h_3 = t - 0.5 \text{ (m)}$$

$$k_a : \text{Horizontal Active earth pressure coefficient} \quad k_a = \tan^2 \left(45^\circ - \frac{\phi}{2} \right) = 0.60$$

$$P_{a1} = 2.73 \times 0.6 \times 6.77 + 0.6 \times 9 = 16.56 \quad \text{T/m}$$

$$P_{a2} = 2.73 \times 0.6 \times (t - 0.5) = 1.64 \times t - 0.82 \quad \text{T/m}$$

$$P_{a3} = 2.73 \times 0.6 \times (t - 0.5) = 1.64 \times t - 0.82 \quad \text{T/m}$$

- Passive pressure of soil at bottom sheet pile:

$$p_b = \gamma \times k_b \times (t - 0.5) + p_a$$

$$k_b : \text{Horizontal Passive earth pressure coefficient} \quad k_b = \tan^2 \left(45^\circ + \frac{\phi}{2} \right) = 1.66$$

$$P_b = 2.73 \times 1.66 \times (t - 0.5) + 3.28t + 14.92 = 7.81t + 12.65 \quad \text{T/m}$$

3. Calculation for the length of sheet pile:

Stability condition of sheet pile in case of rotating around point O

$$\sum M_a - m \times \sum M_p \leq 0 \quad (1.1)$$

Where:

$\sum M_a$ - Summarised moments of active earth pressure with point O
 $\sum M_p$ - Summarised moments of passive earth pressure with point O
 m - Working condition coefficient, $m = 0.9$

(1.1) equation in balance condition:

$$E_{a1} \times 1/3 \times (6.27 + 0.5) + E_{a2} \times 2/3 \times (t - 0.5) + E_{a3} \times 1/2 \times (t - 0.5) - 0.9 \times E_b \times 2/3 \times (t - 0.5) = 0 \quad (1.2)$$

Where:

$$E_{a1} = P_{a1} \times (6.27 + 0.5)/2 = 56.05 \quad \text{Active pressure 1} \quad \text{T}$$

$$E_{a2} = P_{a2} \times (t - 0.5)/2 = 0.82t^2 - 0.82t + 0.21 \quad \text{Active pressure 2} \quad \text{T}$$

$$E_{a3} = P_{a3} \times (t - 0.5) = 1.64t^2 - 1.64t + 0.42 \quad \text{Active pressure 3} \quad \text{T}$$

$$E_b = P_b \times (t - 0.5)/2 = 3.91t^2 + 4.37t - 3.16 \quad \text{Total passive pressure} \quad \text{T}$$

Replace values into (1.2) equation:

$$56.05 \times 1/3 \times 6.77 + (0.82t^2 - 0.82t + 0.21) \times 2/3 \times (t - 0.5) + (1.64t^2 - 1.64t + 0.42) \times 1/2 \times (t - 0.5) - 0.9 \times (3.91t^2 + 4.37t - 3.16) \times 2/3 \times (t - 0.5) = 0 \quad (1.3)$$

$$-0.98t^3 - 3.5t^2 + 4.24t + 125.36 = 0$$

Solved (1.3) equation:

$$t = 4.31 \text{ m}$$

Minimum sheet pile

$$L = 10.58 \text{ m}$$

Choose length of sheet pile $L =$

$$11 \text{ m}$$

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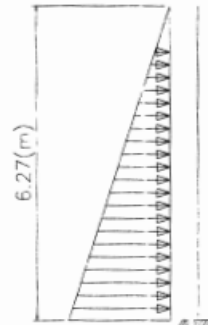
CHECKING OF PRESTRESSED CONCRETE PILE SW 400-500

1.1. Material properties:

- Length of prestressed concrete pile SW400-500:	L=	11	(m)
- Strength of prestressed concrete pile SW 400-500:	R=	725	(kG/cm ²)
- Characteristic of prestressed concrete pile SW400-500:			
Elastic modulus	E=	220000	(kG/cm ²)
Cross section Area	F=	1909.6	(cm ²)
Inertia	J _x =	386000	(cm ⁴)
Bending resistant stiffness	W _x =	227000	(cm ³)

1.2. Check stability of sheet pile

Calculating pressure diagram is bracket as below



1.3.1 Load:

- Earth pressure at bottom of sheet pile:

$$q_1 = 1.25 \gamma x h_d$$

Where:

γ : Dry density of soil

h_d : Calculation thickness of soil

Thus: $q_1 = 21.40$ T/m

$$\begin{aligned} \gamma &= 2.73 \text{ T/m}^3 \\ h_d &= 6.27 \text{ m} \end{aligned}$$

1.3.2 Check sheet pile:

Based on calculation diagram, we have below moment result:

$$M = \frac{wl^2}{2} = 420.58 \text{ T.m}$$

1.3.2.1 Strength Checking for prestressed concrete pile:

$$\sigma = \frac{M_{\max}}{W} \leq R$$

(W: Bending resistant stiffness)

Calculation stress:

$$\sigma = 185 \text{ (kG/cm}^2\text{)}$$

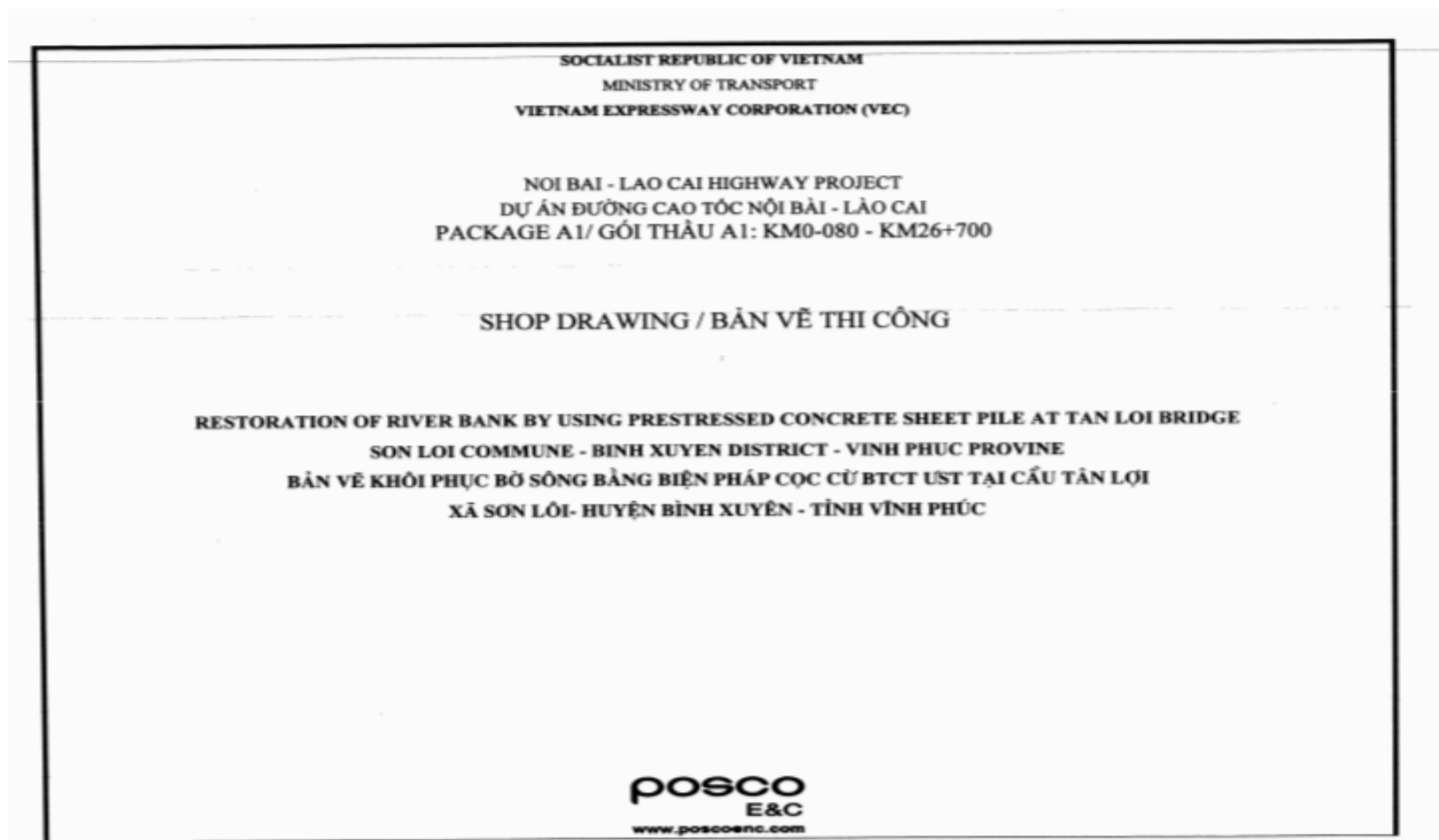
Calculation strength:

$$R = 725 \text{ (kG/cm}^2\text{)}$$

Conclusion: OK

1.3.2.2 Deformation checking for prestressed concrete pile:

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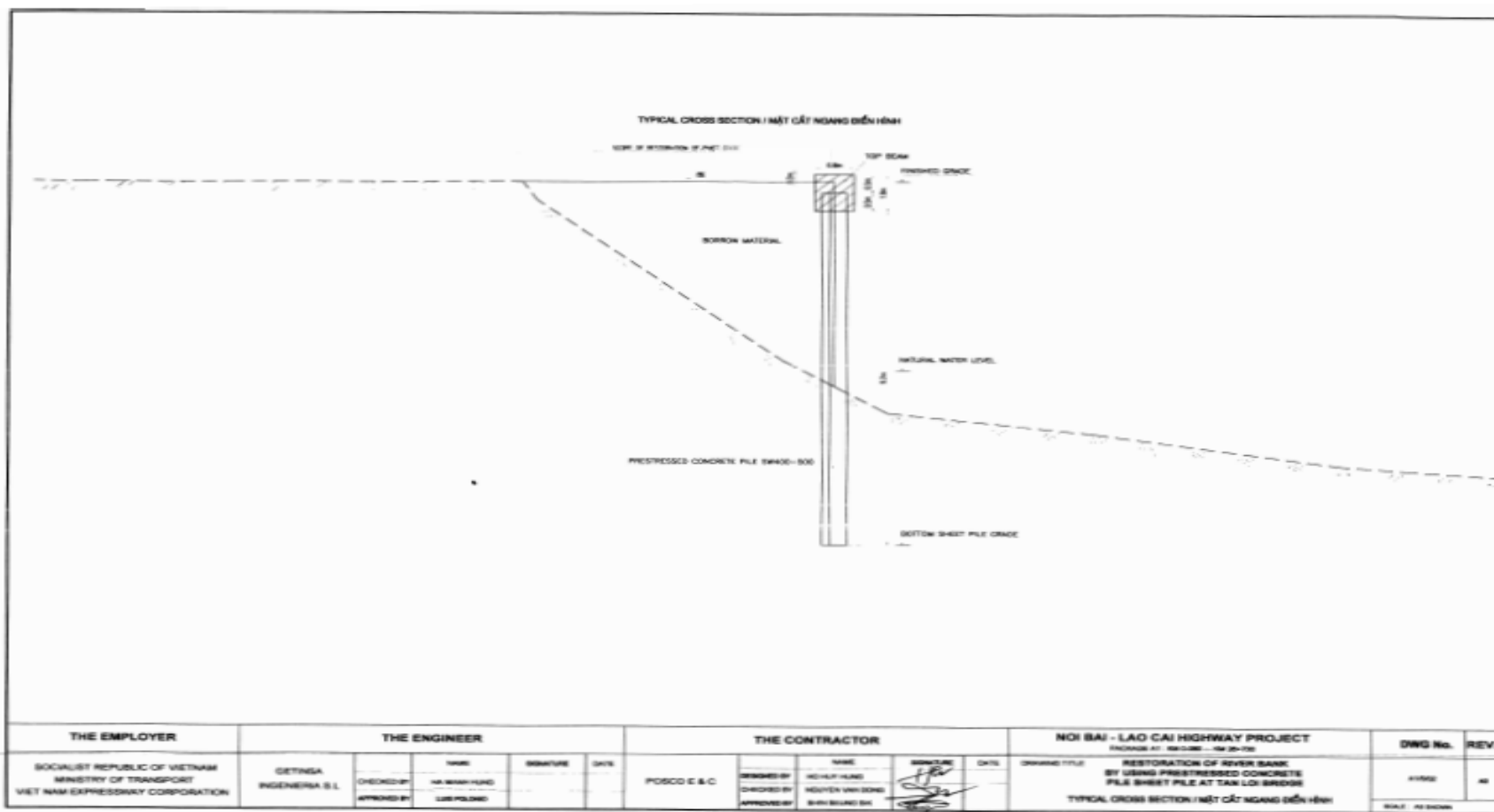


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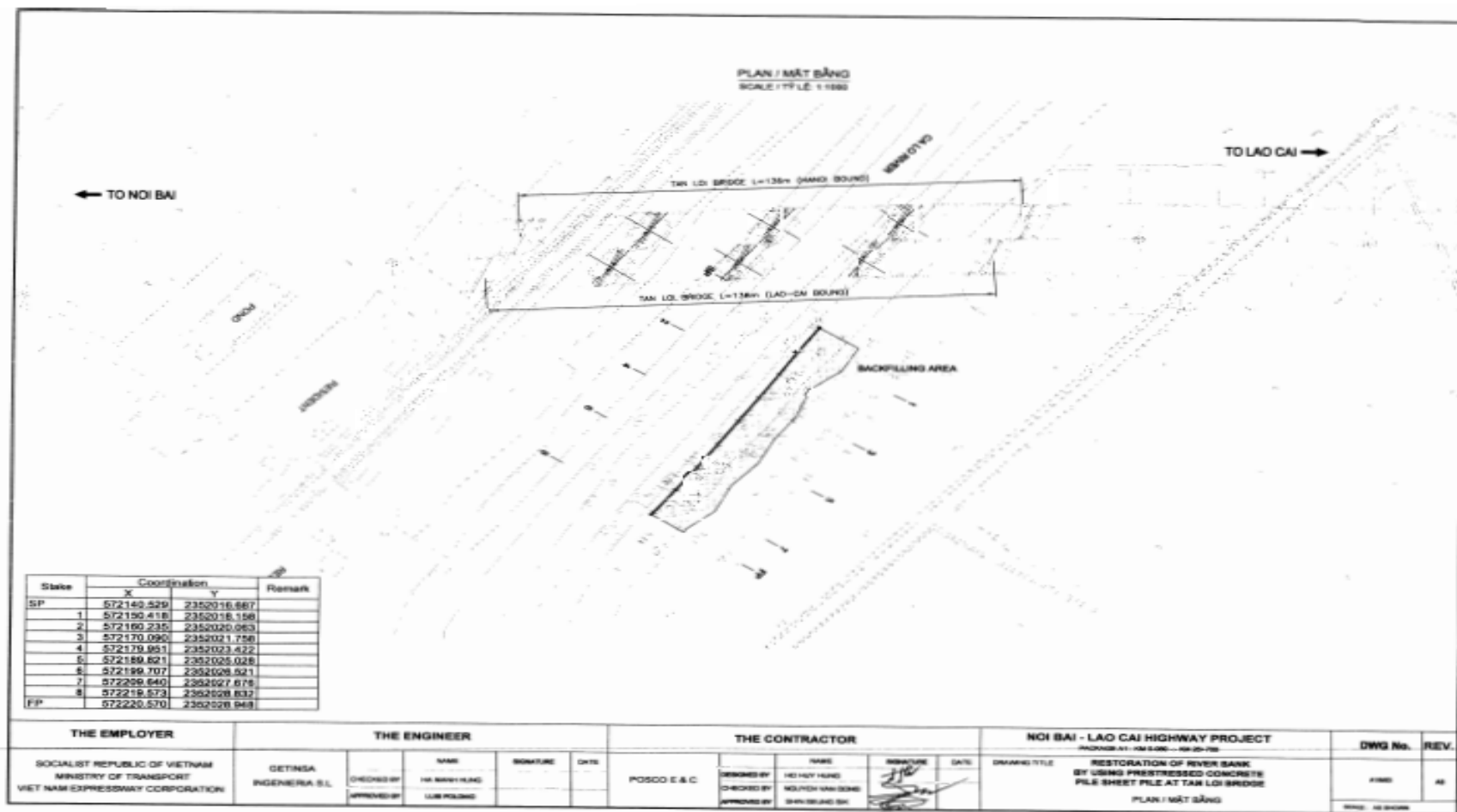
NO	DRAWING TITLE	DRAWING NO.	DRAWING SIZE	REMARK
1	SCHEDULE AND NUMBERING	A1/5501	A3	
2	TYPICAL CROSS SECTION	A1/5502	A3	
3	PLAN	A1/5503	A3	
4	PROFILE	A1/5504	A3	
5	CROSS SECTION (1/2 – 3/2)	A1/5505 – A1/5506	A3	
6	DETAIL OF TOP BEAM	A1/5507	A3	
7	DETAIL OF PRESTRESSED CONCRETE PILE	A1/5508	A3	
8	TOTAL QUANTITIES	A1/5509	A3	

THE EMPLOYER	THE ENGINEER				THE CONTRACTOR				NOI BAI - LAO CAI HIGHWAY PROJECT PACKAGE A1 - KM 3+000 – KM 36+100		DWG No.	REV.
SOCIALIST REPUBLIC OF VIETNAM MINISTRY OF TRANSPORT VIET NAM EXPRESSWAY CORPORATION	GETINSA INGENIERIA S.L.	CHECKED BY ---	NAME HA MINH HUNG	SIGNATURE ---	DATE ---	DESIGNED BY ---	NAME NGUYEN VAN DONG	SIGNATURE ---	DATE ---	DRAWING TITLE RESTORATION OF RIVER BANK BY USING PRESTRESSED CONCRETE PILE SHEET PILE AT TAN LOI BRIDGE SCHEDULE AND NUMBERING / MỤC LỤC BẢN VẼ	A1/5501	A3
		APPROVED BY ---	NAME LUU PHUONG	SIGNATURE ---	DATE ---		APPROVED BY ---	SIGNATURE ---	DATE ---			

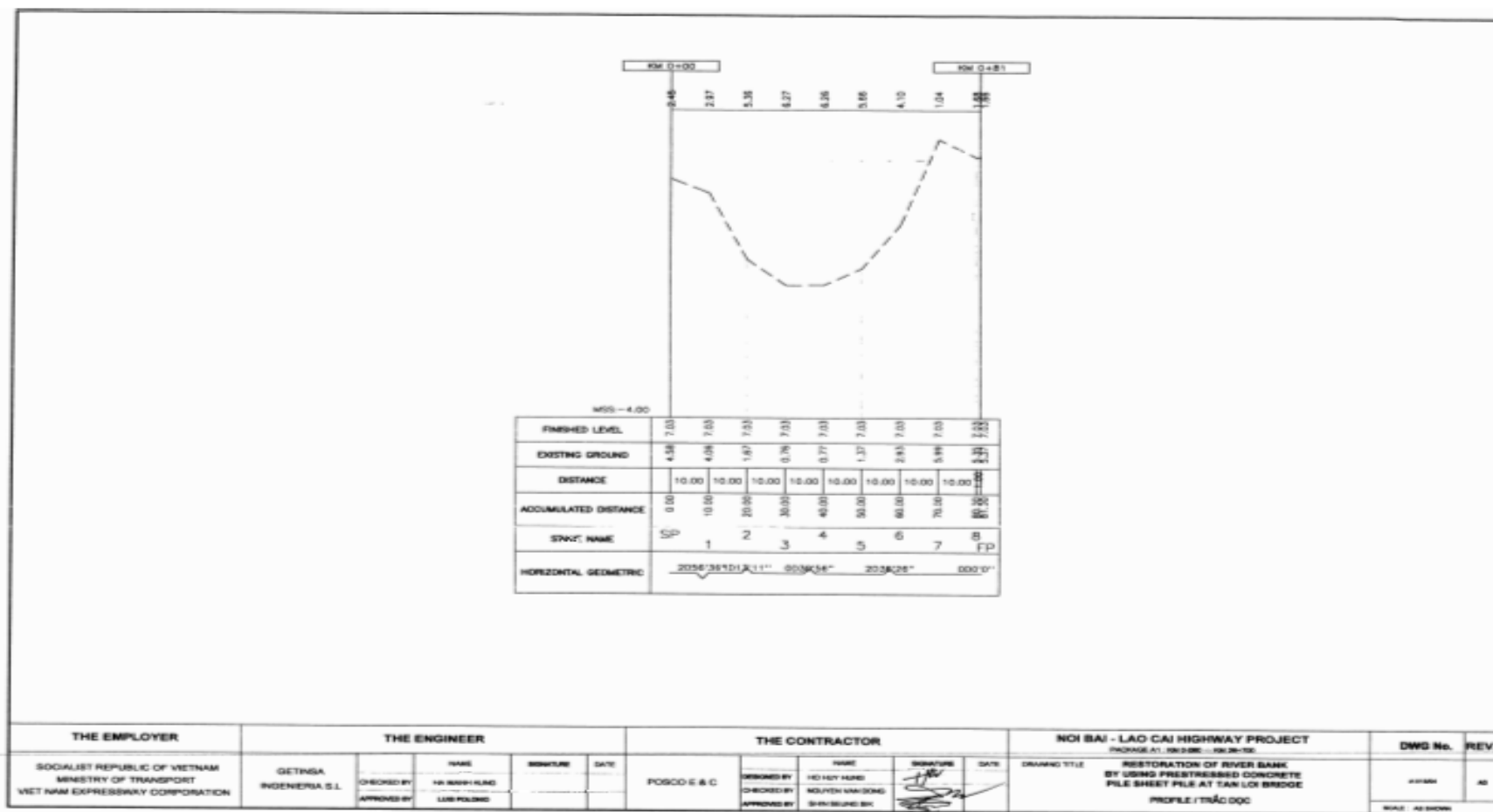
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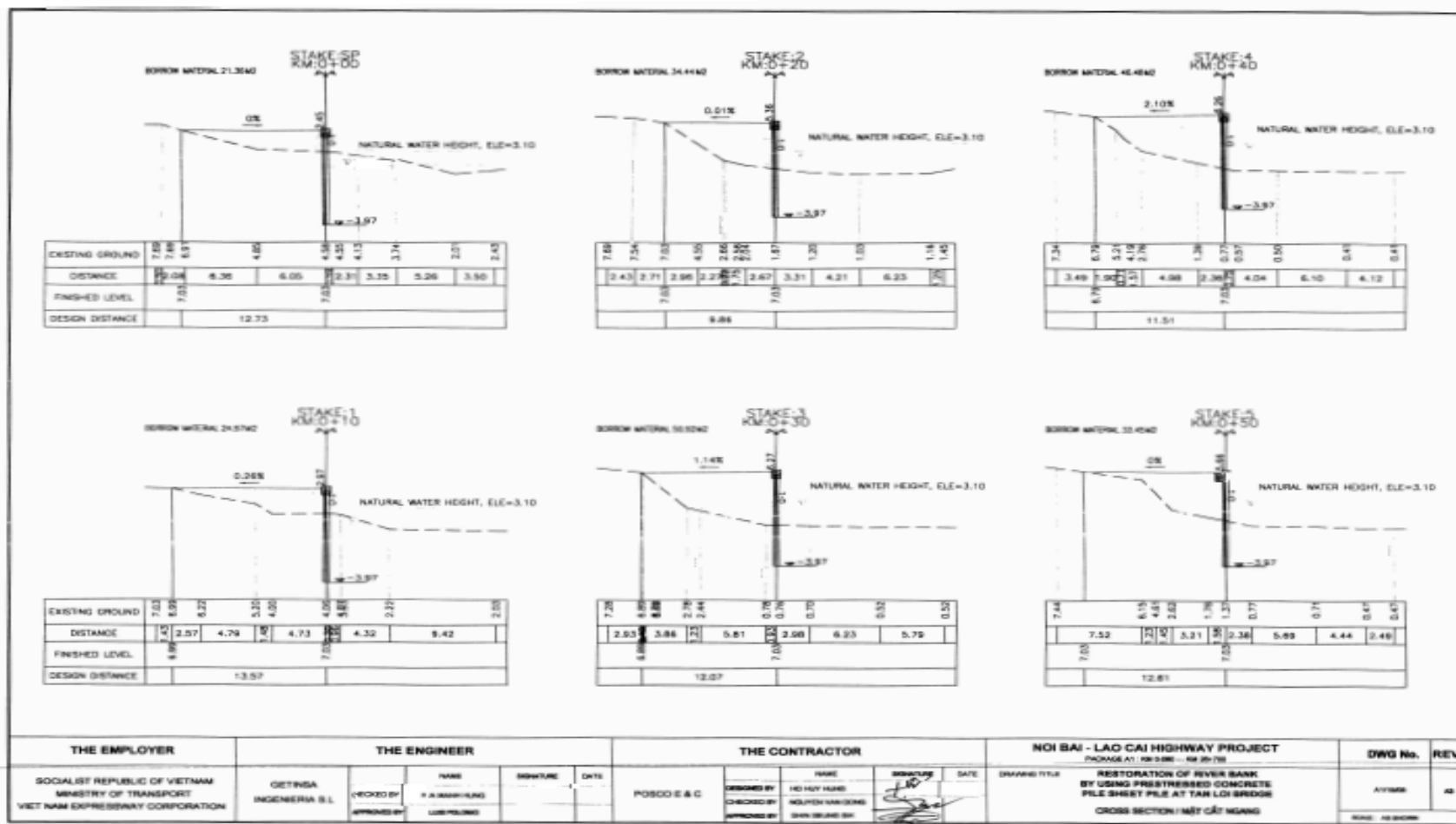
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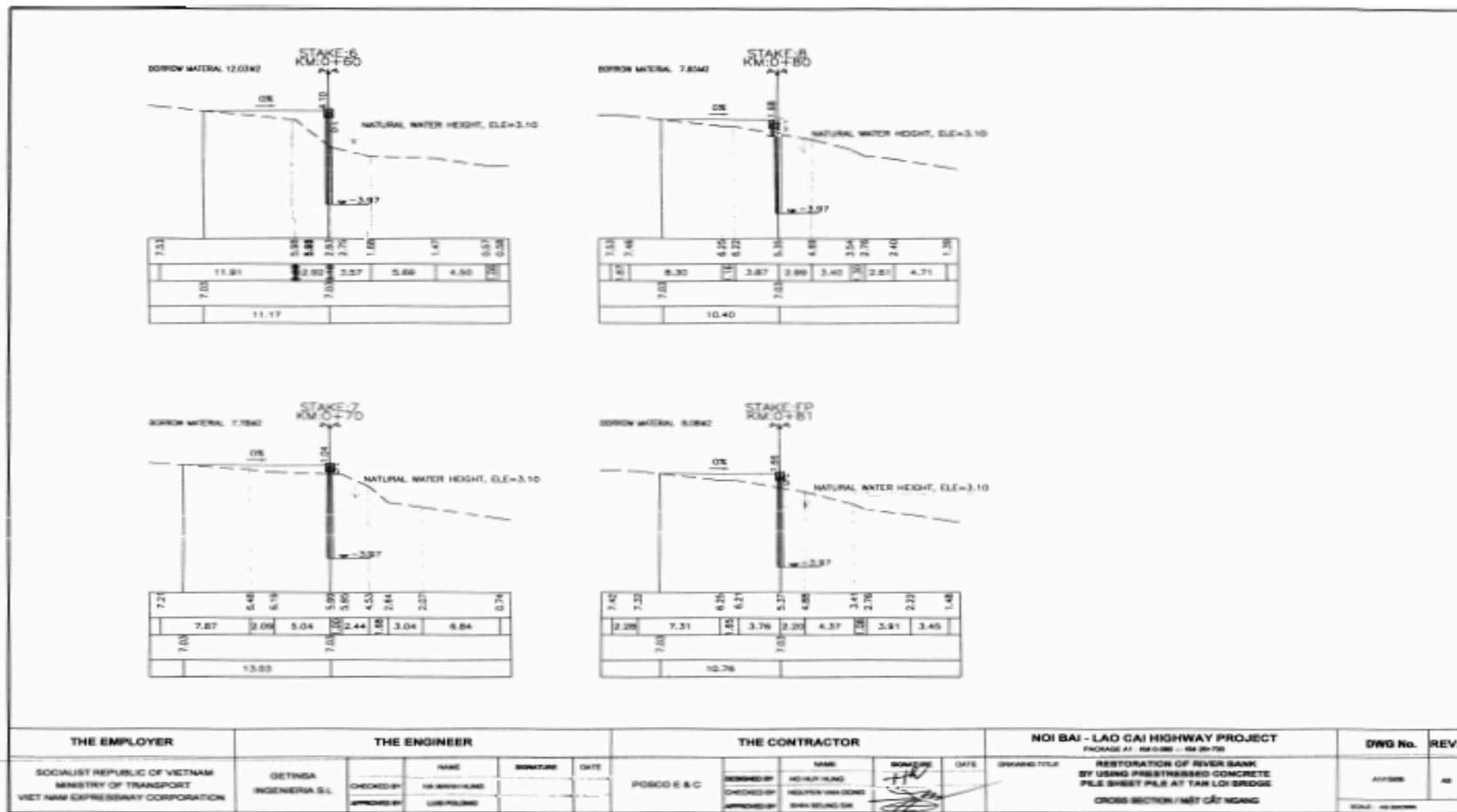
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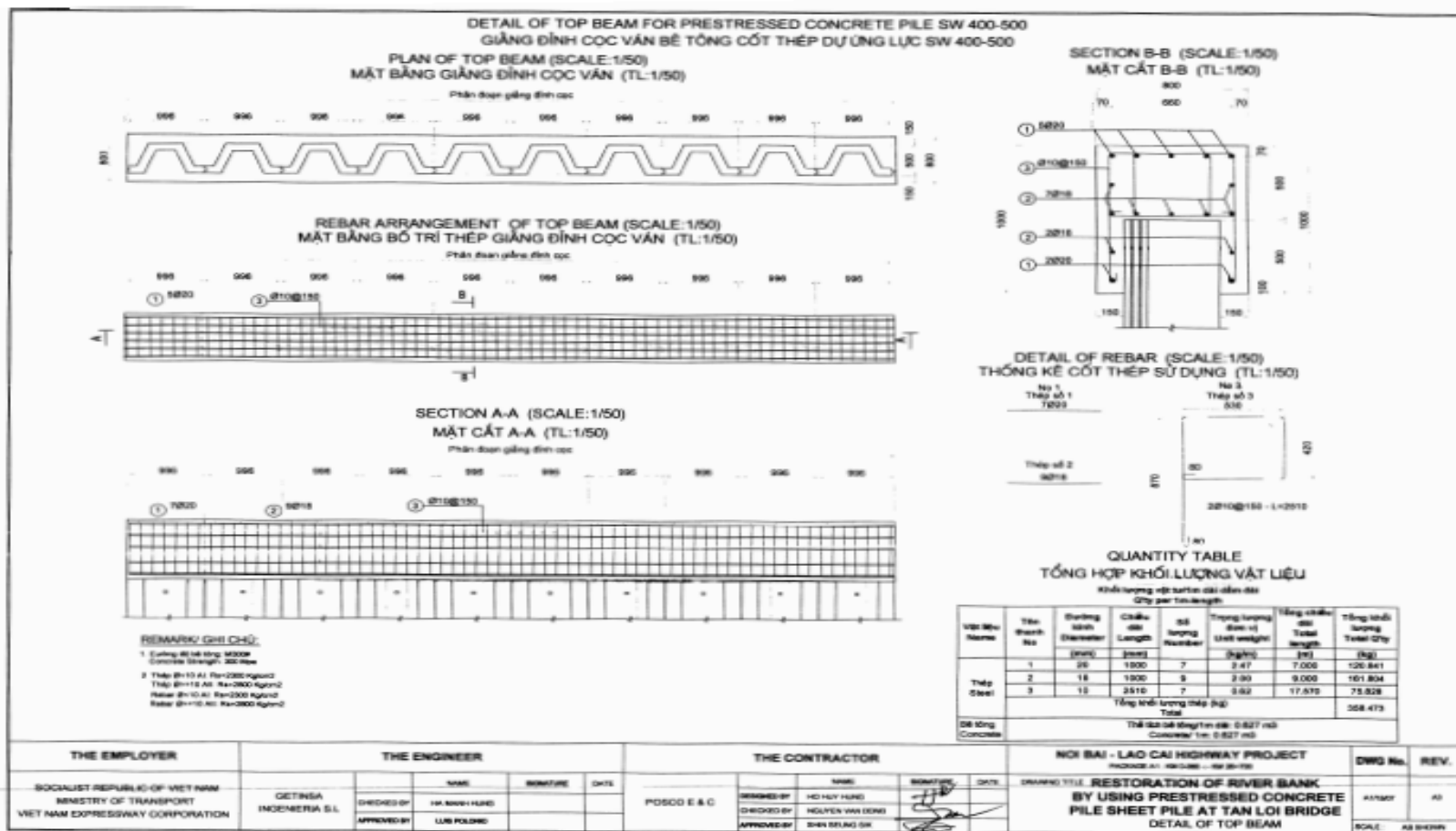
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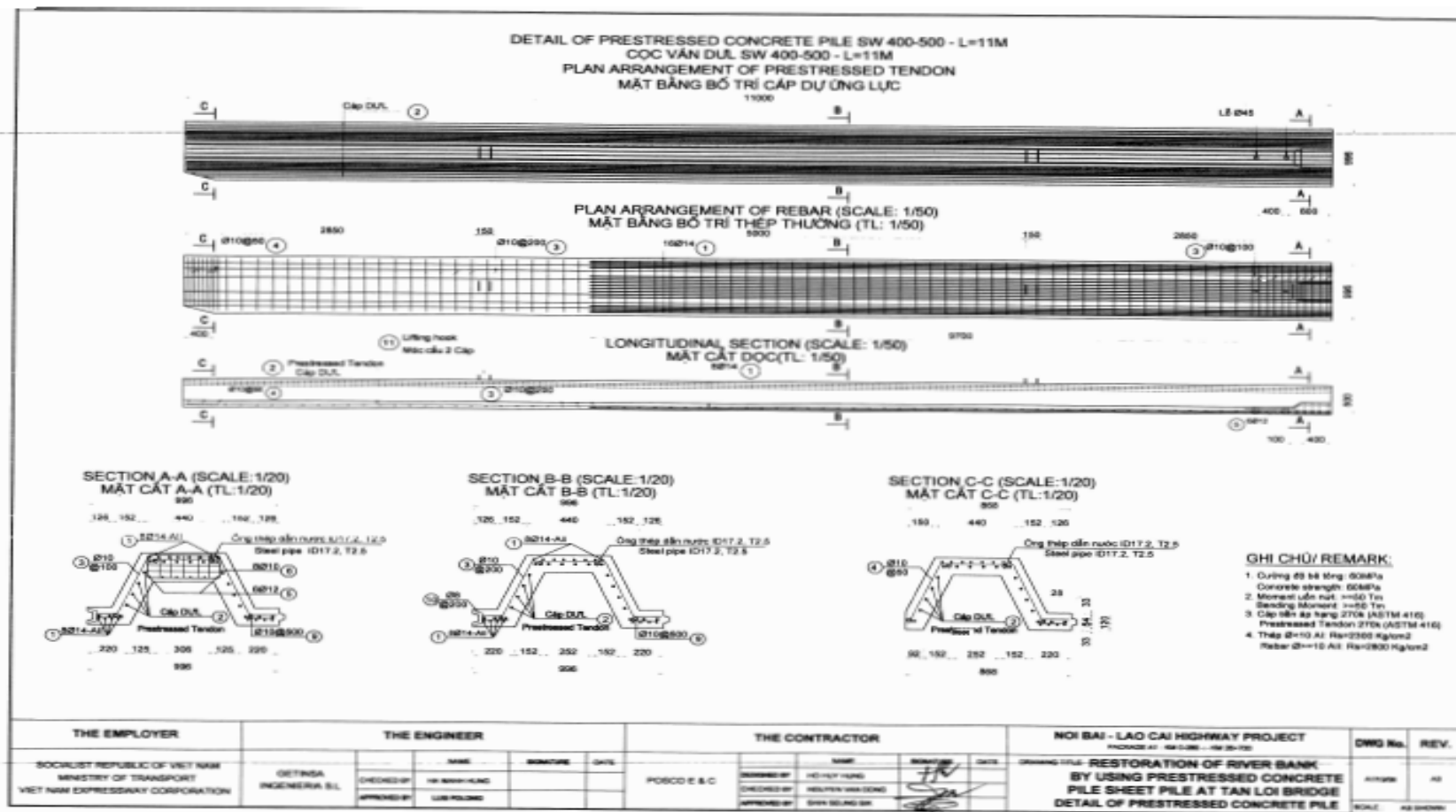
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**MINISTRY OF TRANSPORT
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**BỘ GIAO THÔNG VẬN TẢI
 DỰ ÁN XÂY DỰNG ĐƯỜNG CAO TỐC NỘI BAI -> LÀO CAI
 GÓI THIẦU A1: KM 0+080 -> KM 26+700**

**CALCULATION SHEET OF PRESTRESSED CONCRETE PILE
 FOR RIVER BANK RESTORATION WORK AT XUAN PHUONG BRIDGE AREA**

***Bảng tính cọc bê tông ứng suất trước cho công tác khôi phục bờ sông tại khu vực cầu
 Xuân Phương***

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**CALCULATION FOR LENGTH OF PRESTRESSED CONCRETE PILE SHEET PILE
SW400-500**

I. INPUT DATA

Layer	Layer name	Top elevation of layer (m)	Thickness (m)	Density γ (kN/m ³)	internal friction angle ϕ (°C)	Remark
Lớp 1	Lean clay with sand, brownish grey, medium stiff	6.91	9.13	26.9	14.36	
Lớp 2b	Poorly graded sand with clay, brownish grey, loose (SP-SC)	-2.22	14.70	26.6		

CALCULATION ELEVATION

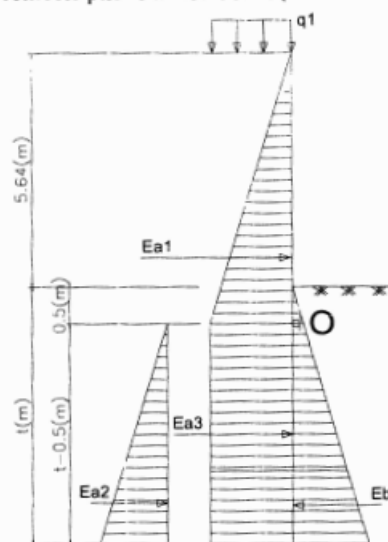
Code	Description	Giá trị (m)
CD1	Finishing elevation	+8.21
CD2	Top elevation of prestressed concrete pile	+8.21
CD3	Bottom elevation of prestressed concrete pile	
CD4	Elevation of riverbed	+2.57

II. Calculation procedure

1. Calculation diagram

Calculation diagram for most disadvantage case. bottom elevation of hole is riverbed

Embedded length of prestressed concrete pile SW 400-500: l (m)



2. Calculation : Prestressed concrete pile tend to rotate around O

- active pressure:

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Noi Bai – Lao Cai Highway Project

**CALCULATION FOR LENGTH OF PRESTRESSED CONCRETE PILE SHEET PILE
SW400-500**

$$\begin{aligned}
 p_{a1} &= \gamma \times k_a \times h_1 + k_a \times q_1 & h_1 &= 6.14 \text{ (m)} \\
 p_{a2} &= \gamma \times k_a \times h_2 & h_2 &= t-0.5 \text{ (m)} \\
 p_{a3} &= \gamma \times k_a \times h_3 & h_3 &= t-0.5 \text{ (m)} \\
 k_a &: \text{ratio of horizontal active pressure} & k_a &= tg^2(45^\circ - \frac{\phi}{2}) = 0.60 \\
 P_{a1} &= 2.69 \times 0.6 \times 6.14 + 0.6 \times 9 = 15.37 & & \text{T/m} \\
 P_{a2} &= 2.69 \times 0.6 \times (t-0.5) = 1.61 \times t - 0.81 & & \text{T/m} \\
 P_{a3} &= 2.69 \times 0.6 \times (t-0.5) = 1.61 \times t - 0.81 & & \text{T/m} \\
 \text{Passive pressure} & & & \\
 P_b &= \gamma \times k_b \times (t-0.5) & & \\
 k_b &: \text{ratio of horizontal passive pressure} & k_b &= tg^2(45^\circ + \frac{\phi}{2}) = 1.66 \\
 P_b &= 2.69 \times 1.66 \times (t-0.5) = 7.69t + 11.53 & & \text{T/m}
 \end{aligned}$$

3. Calculation for the length of prestressed concrete pile

Equation for checking

$$\sum M_a - m \times \sum M_p \leq 0 \quad (1.1)$$

herein:

$\sum M_a$ - Summarised active moments

$\sum M_p$ - Summarised passive moment

m - Working ratio, $m = 0.9$

Detail checking equation:

$$E_{a1} \times 1/3 \times (5.64 + 0.5) + E_{a2} \times 2/3 \times (t-0.5) + E_{a3} \times 1/2 \times (t-0.5) - 0.9 \times E_b \times 1/3 \times (t-0.5) = 0 \quad (1.2)$$

herein:

$$\begin{aligned}
 E_{a1} &= P_{a1} \times (5.64 + 0.5)/2 = 47.20 & \text{Active pressure 1} & \text{T} \\
 E_{a2} &= P_{a2} \times (t-0.5)/2 = 0.81t^2 - 0.81t + 0.21 & \text{Active pressure 2} & \text{T} \\
 E_{a3} &= P_{a3} \times (t-0.5) = 1.61t^2 - 1.61t + 0.41 & \text{Active pressure 3} & \text{T} \\
 E_b &= P_b \times (t-0.5)/2 = 3.85t^2 + 3.85t - 2.89 & \text{Total passive pressure} & \text{T}
 \end{aligned}$$

Final checking equation:

$$\begin{aligned}
 &47.20 \times 1/3 \times 6.14 + (0.81t^2 - 0.81t + 0.21) \times 2/3 \times (t-0.5) + (1.61t^2 - 1.61t + 0.41) \times 1/2 \times (t-0.5) - 0.9 \times (3.85t^2 + 3.85t - 2.89) \times 1/3 \times (t-0.5) = 0 \quad (1.3) \\
 &-1.32t^3 - 3.17t^2 + 3.91t + 95.56 = 0
 \end{aligned}$$

Result :

$$t = 3.70 \text{ m}$$

Minimum Length of prestressed concrete pile

$$L = 9.337 \text{ m}$$

Length of prestressed concrete pile for construction $L =$

$$10 \text{ m}$$

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Noi Bai – Lao Cai Highway Project**

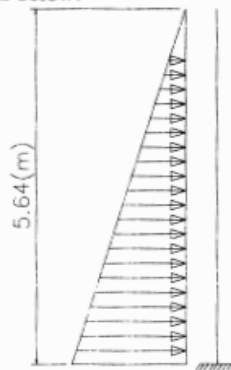
CHECKING OF PRESTRESSED CONCRETE PILE SW400-500

1.1. Input data:

- Length of prestressed concrete pile SW 400-500: $L = 0$ (m)
- Strength of prestressed concrete pile SW 400-500: $R = 725$ (kg/cm²)
- Characteristic of prestressed concrete pile SW 400-500:
 - Elastic modulus $E = 220000$ (kg/cm²)
 - Cross-section Area $F = 1909.6$ (cm²)
 - inertia $J = 386000$ (cm⁴)
 - Bending resistant stiffness: $W = 227000$ (cm³)

1.2. Checking for strength of prestressed concrete pile:

Calculating Pressure diagram is bracket as below:



1.2.1 Force :

- Pressure at bottom of bracket:

$$q_1 = 1.25 \gamma x h_d$$

herein:

γ dry density of soil

$$\gamma = 2.66 \text{ T/m}^3$$

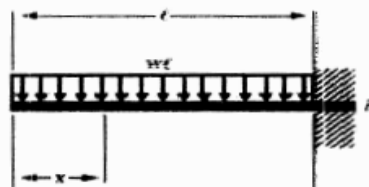
h_d calculation thickness of soil

$$h_d = 5.64 \text{ m}$$

$$q_1 = 18.75 \text{ T/m}$$

1.2.2 Checking:

Based on calculation diagram , we have below moment result:



$$M = \frac{wl^2}{2} = 298.26 \text{ T.m}$$

1.2.2.1 Strength Checking for prestressed concrete pile:

$$\sigma = \frac{M_{\max}}{W} \leq R$$

$$\text{Calculation stress: } \sigma = 131 \text{ (kg/cm}^2\text{)}$$

$$\text{Calculation strength: } R = 725 \text{ (kg/cm}^2\text{)}$$

(W: Bending resistant stiffness)

Conclusion: OK

Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project

CHECKING OF PRESTRESSED CONCRETE PILE SW400-500

1.2.2.2 Deformation checking for prestressed concrete pile:

Formula: $\frac{f}{L} \leq \left[\frac{f}{L} \right] = \frac{1}{250}$

Deformation equation:

$$f = \frac{5}{384} \cdot \frac{ql^4}{EJ} = 0.0029095 \text{ (m)}$$

Calculation length:

$$L = 5.64 \text{ (m)}$$

Calculation deformation :

$$f/L = 0.0005$$

Maximum deformation:

$$[f/L] = 0.0040$$

Conclusion:

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT
VIETNAM EXPRESSWAY CORPORATION (VEC)**



**NOI BAI - LAO CAI HIGHWAY PROJECT
DỰ ÁN ĐƯỜNG CAO TỐC NỘI BÀI - LÀO CAI
PACKAGE A1/ GÓI THẦU A1: KM0-080 - KM26+700**

SHOP DRAWING / BẢN VẼ THI CÔNG

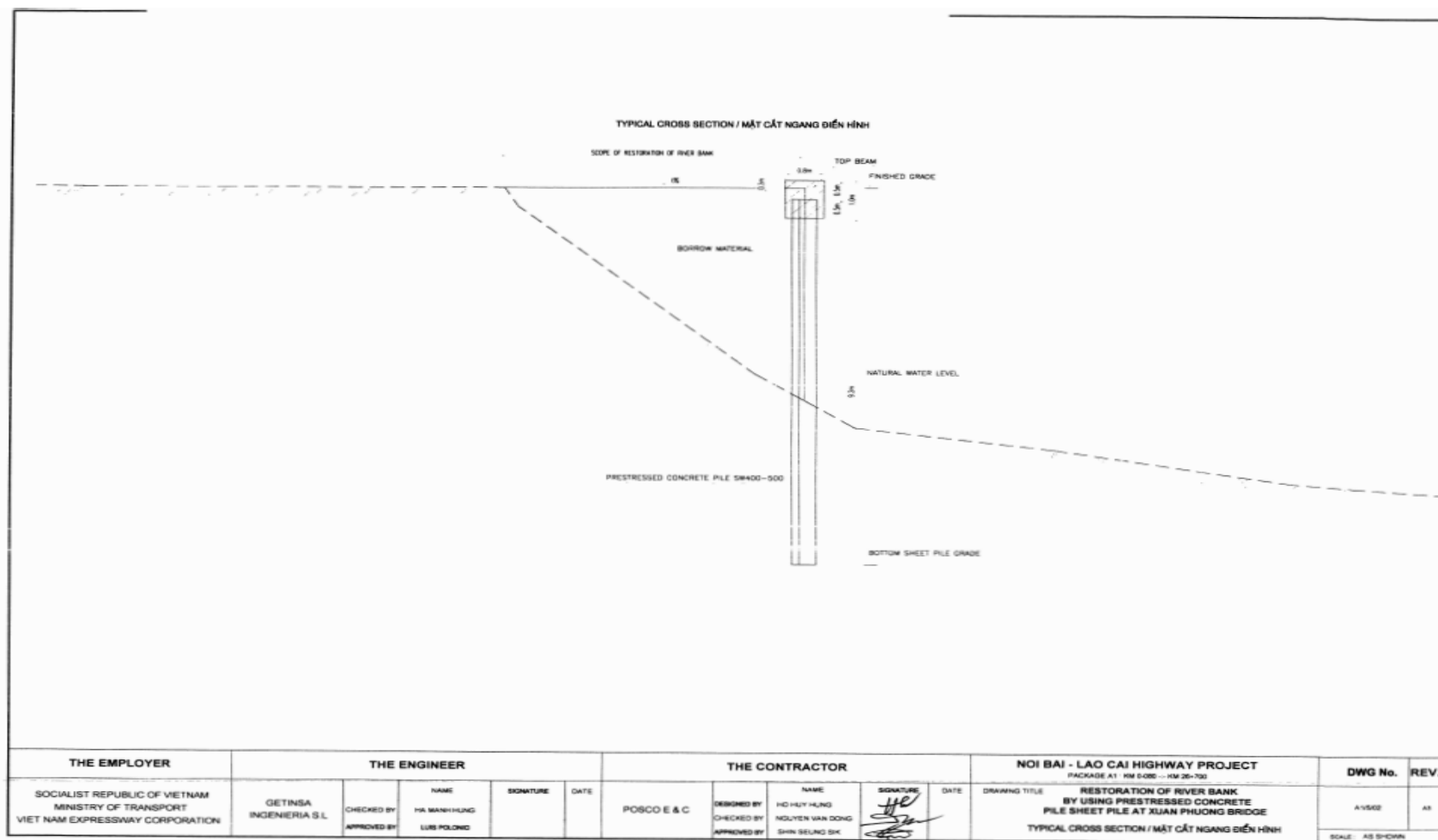
**RESTORATION OF RIVER BANK BY USING PRESTRESSED CONCRETE SHEET PILE AT XUAN PHUONG BRIDGE
TAN DAN COMMUNE - SOC SON DISTRICT - HA NOI CITY
BẢN VẼ KHÔI PHỤC BỜ SÔNG BẰNG BIỆN PHÁP CỌC CỬ BTCT UST TẠI CẦU XUÂN PHƯƠNG
XÃ TÂN DÂN- HUYỆN SÓC SƠN - TP HÀ NỘI**

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

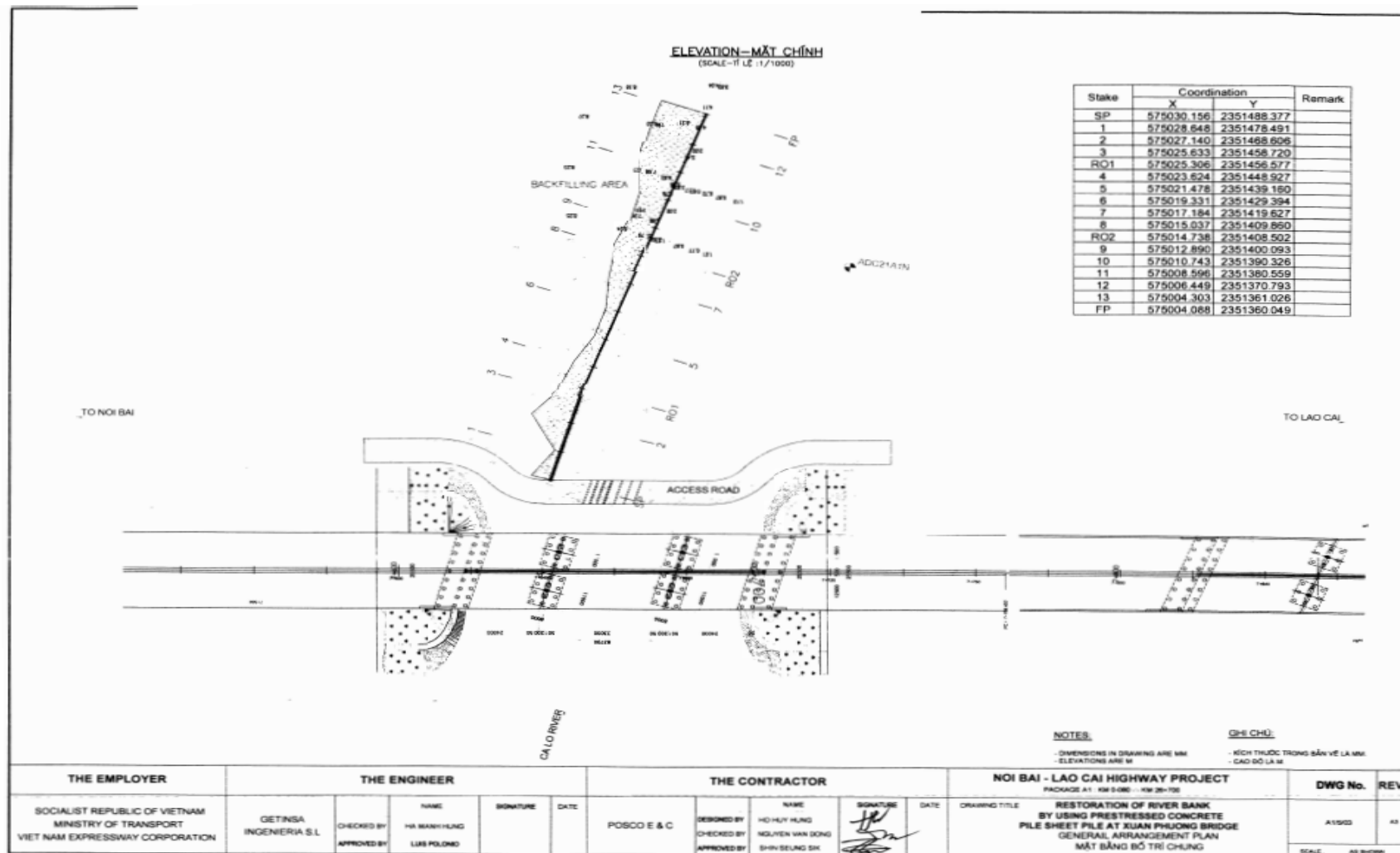
NO	DRAWING TITLE	DRAWING NO.	DRAWING SIZE	REMARK
1	SCHEDULE AND NUMBERING	A1/S/01	A3	
2	TYPICAL CROSS SECTION	A1/S/02	A3	
3	PLAN	A1/S/03	A3	
4	PROFILE	A1/S/04	A3	
5	CROSS SECTION (1/3 -- 3/3)	A1/S/05 - A1/S/07	A3	
6	DETAIL OF TOP BEAM	A1/S/08	A3	
7	DETAIL OF PRESTRESSED CONCRETE PILE	A1/S/09	A3	
8	TOTAL QUANTITIES	A1/S/10	A3	

THE EMPLOYER		THE ENGINEER				THE CONTRACTOR				NOI BAI - LAO CAI HIGHWAY PROJECT PACKAGE A1 KM 0+080 -- KM 35+700		DWG No.	REV.	
SOCIALIST REPUBLIC OF VIETNAM MINISTRY OF TRANSPORT VIET NAM EXPRESSWAY CORPORATION		GETINSA INGENIERIA S.L	CHECKED BY APPROVED BY	HA MANH HUNG LUIS POLOMO	SIGNATURE 	DATE 	POSCO E & C	DESIGNED BY CHECKED BY APPROVED BY	HO HUY HUNG NGUYEN VAN DONG SHIN SEUNG SHK	SIGNATURE  	DATE 	DRAWING TITLE RESTORATION OF RIVER BANK BY USING PRESTRESSED CONCRETE PILE SHEET PILE AT XUAN PHUONG BRIDGE SCHEDULE AND NUMBERING / MỤC LỤC BẢN VẼ	A1/S/01	A3
SCALE: AS SHOWN														

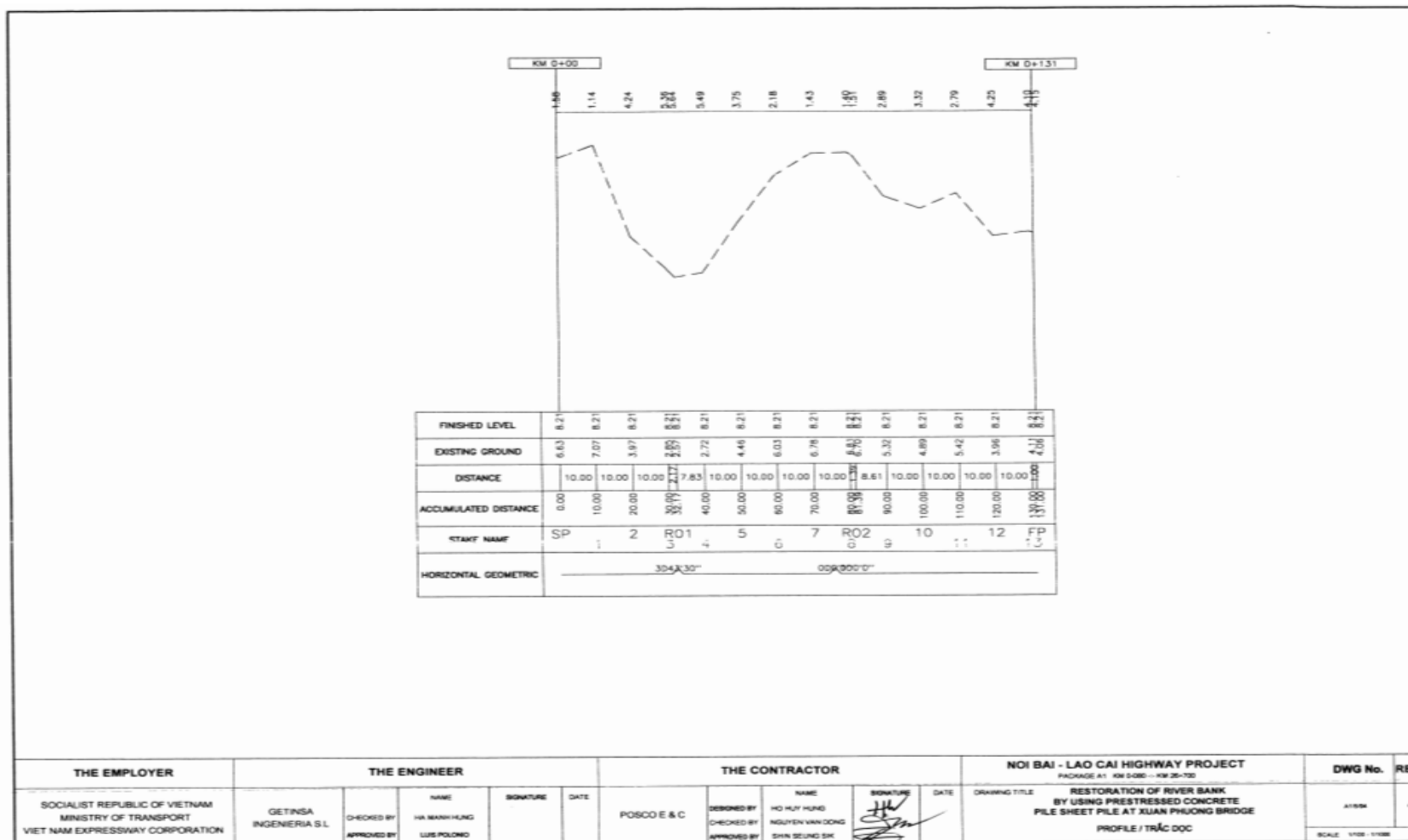
**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**



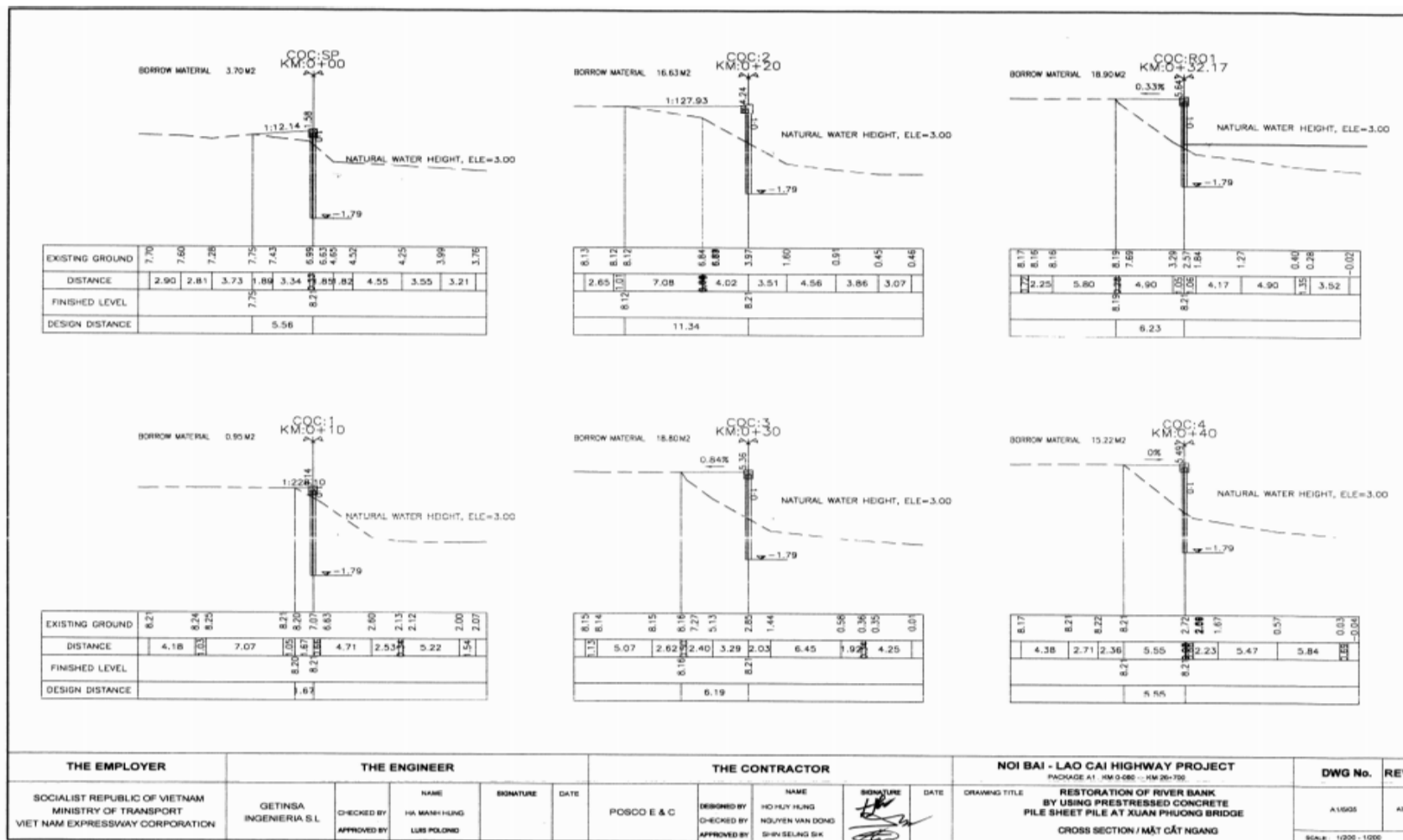
Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project



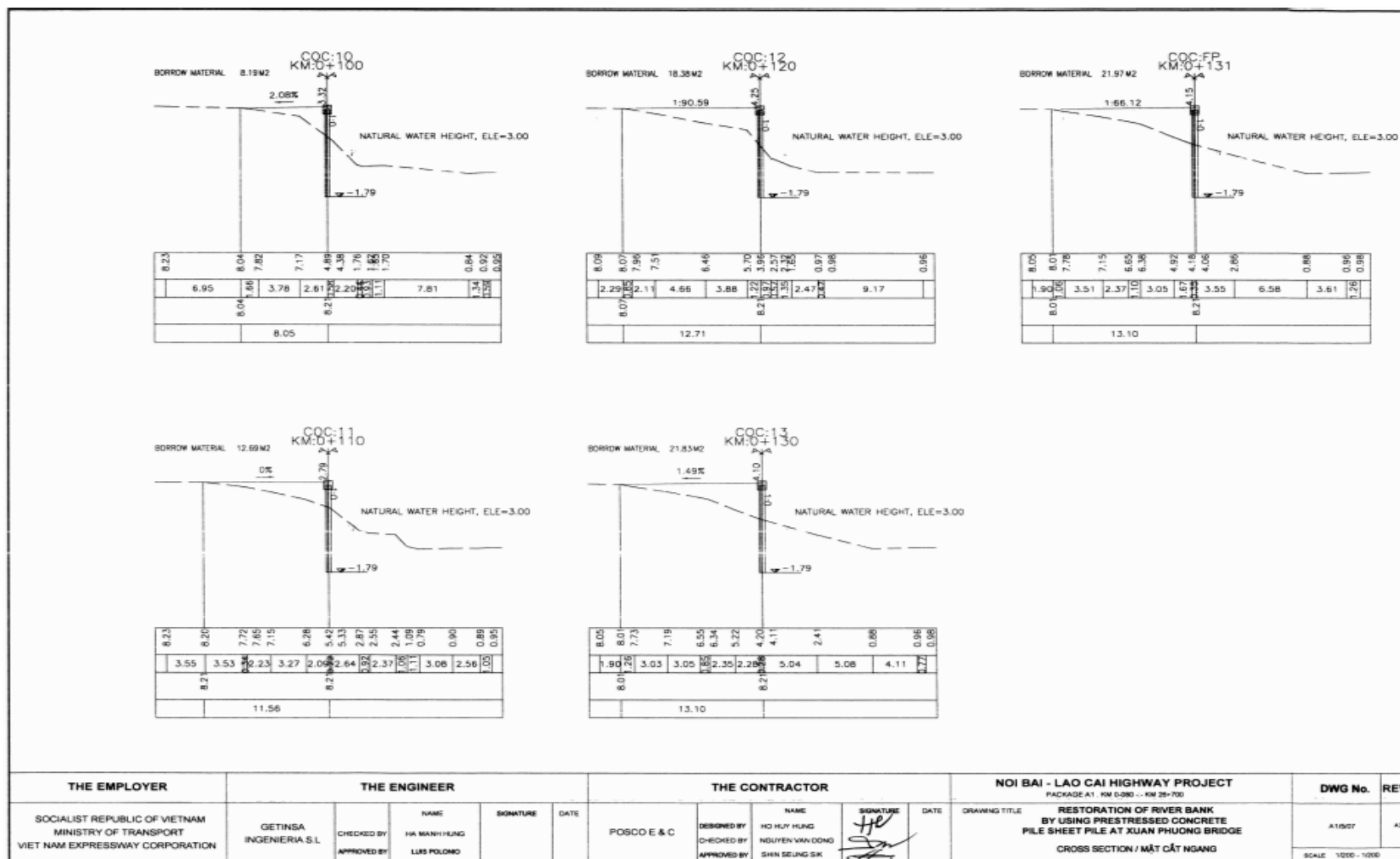
**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**



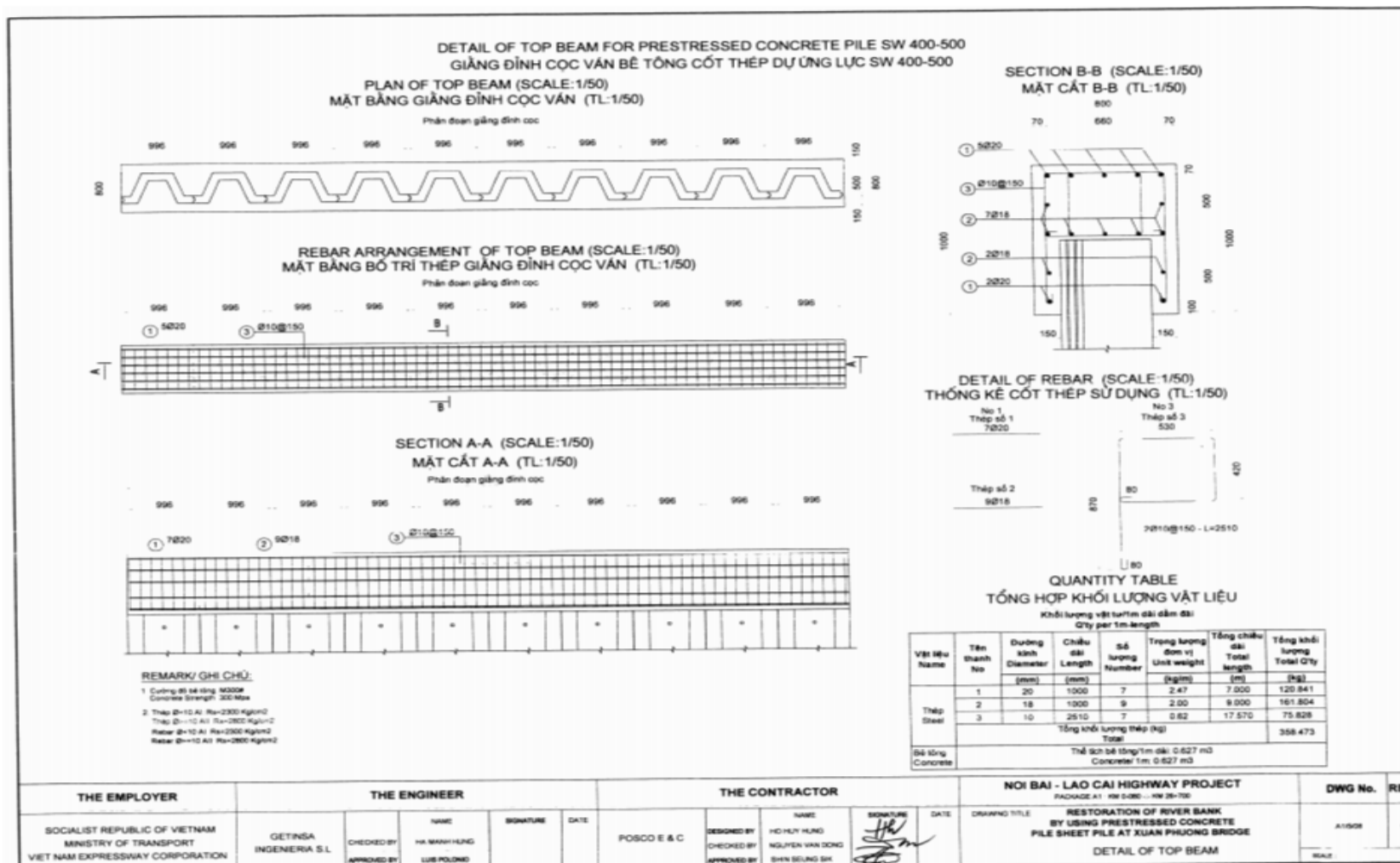
**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**



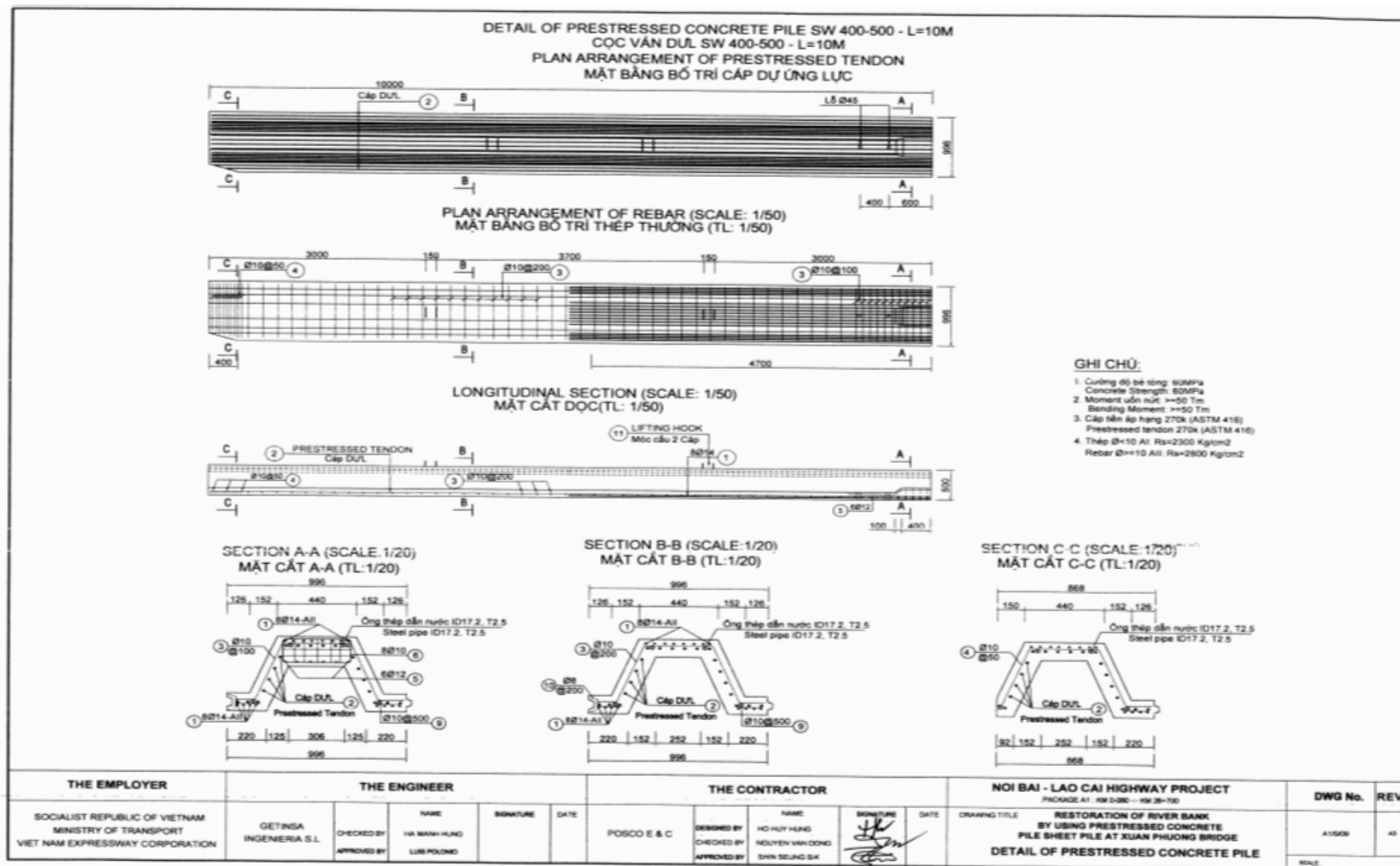
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Noi Bai – Lao Cai Highway Project**



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Noi Bai – Lao Cai Highway Project



Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project



**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

MINISTRY OF TRANSPORT
NOI BAI - LAO CAI HIGHWAY PROJECT
PACKAGE A1: KM 0+080 -+ KM 26+700

BỘ GIAO THÔNG VẬN TẢI
DỰ ÁN XÂY DỰNG ĐƯỜNG CAO TỐC NỘI BÀI -+ LÀO CAI
GÓI THẦU A1: KM 0+080 -+ KM 26+700

ATTACHMENT 2

Đính kèm 2

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

COMPARISON TABLE FOR RIVER BANK RESTORATION SOLUTION

Solution	Name	unit	Unit price	Quantity	Amount	Remark
1	2	3	4	5	6=4*5	
Prestressed Concrete pile sheet pile SW 400-500 Cọc bê tông UST SW 400-500	TAN LOI	LS	3,337,189.473	1	3,337,189,473	
	XUAN PHUONG	LS	4,638,361.576	1	4,638,361,576	
	Sub-total				7,975,551,049	
Prestressed Concrete pile 750x250 Cọc bê tông UST	Not available in market					
Steel sheet pile, Larsen IV Cọc thép Larsen IV	TAN LOI	LS	4,965,762.191	1	4,965,762,191	
	XUAN PHUONG	LS	7,656,660.582	1	7,656,660,582	
	Sub-total				12,622,422,773	

- Based on above analysis : Simple Rectangular Shape Concrete Sheet Pile 750 x 250 mm or Steel Sheet Pile are not reasonable due to:
- o Simple Rectangular Shape Concrete Sheet Pile 750 x 250 mm is not available in the market.
 - o Steel Sheet Pile: Implementation cost is high.
 - o Prestressed concrete pile is most appropriate for the restoration work at Riverside of Xuan Phuong Bridge and Tan Loi Bridge

Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project

COST ESTIMATION FOR LANDSLIDE AT TAN LOI BRIDGE
(OPTION : USING PRESTRESSED CONCRETE PILE)

CHI PHÍ ĐÁP TRẢ CHO SÁT LỖ BỜ SÔNG TẠI KHU VỰC CẦU TÂN LỢI
(Phương án : DÙNG CỌC BÊ TÔNG UST)

No Stt	Item Hạng mục	Unit đơn vị	Qty Khối lượng	Unit Price Đơn giá (VND)	Amount Thành tiền (VND)
I	Thi công lắp đặt cọc bê tông cốt thép				
	Prestressed concrete pile SW 400-500	m	902.00	1,750,000	1,578,500,000
	Mua cọc ván SW 400-500				
	Transportation fee from site warehouse to construction place (L=500m)	m	902.00	152,130	137,221,260
	Chuyên chở cọc ván từ vị trí tập kết lên phương tiện đóng cọc (phạm vi 500m)				
II	Driving Prestressed concrete pile SW 400-500	m	902.00	450,000	405,900,000
	Đóng cọc ván SW 400-500 bằng phương pháp ép rung				
	Construction of Top bracing beam				
	Thi công giằng đỉnh móng				
	Rebar d<=10mm	kg	1,754.46	19,951	35,002,716
	Cốt thép móng đường kính cốt thép <=10mm				
	Rebar d<=18mm	kg	2,329.56	18,454	42,989,626
	Cốt thép móng đường kính cốt thép <=18mm				
	Rebar d>18mm	kg	1,398.06	18,291	25,571,264
	Cốt thép móng đường kính cốt thép >18mm				
III	Formwork	m2	307.80	107,019	32,940,448
	Ván khuôn thép đổ bê tông đỉnh cọc				
	Concrete	m3	50.79	1,879,540	95,456,198
	Bê tông giằng đỉnh cọc M300				
	Bao gồm				
	Sàn lắp đặt cọc	m3	2,254.72	129,616	292,247,139

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**COST ESTIMATION FOR LANDSLIDE AT TAN LOI BRIDGE
(OPTION : USING PRESTRESSED CONCRETE PILE)**

**CHI PHÍ ĐÁP TRẢ CHO SẠT LỞ BỜ SÔNG TẠI KHU VỰC CẦU TÂN LỢI
(Phương án : DÙNG CỌC BÊ TÔNG UST)**

No Stt	Item Hạng mục	Unit đơn vị	Qty Khối lượng	Unit Price Đơn giá (VND)	Amount Thành tiền (VND)
A	Sum/ Cộng				2,645,828,651
B	Other direct cost/ Chi phí trực tiếp khác		A*2%		52,916,573
C	Total direct cost/ Tổng chi phí trực tiếp		A+B		2,698,745,224
D	Overhead / Chi phí chung		C*5.5%		148,430,987
E	Profit/ Thu nhập chịu thuế tính trước		(C+D)*5.5%		156,594,692
F	Cost (before VAT)/ Chi phí xây dựng trước thuế		C+D+E		3,003,770,903
G	VAT		F*10%		300,377,090
H	Cost (After VAT)/ Chi phí xây dựng sau thuế		F+G		3,304,147,993
I	Temporary housing fee/ Chi phí nhà tạm tại hiện trường để ở và điều hành		H*1%		33,041,480
J	Total Amount/ Tổng cộng		H+I		3,337,189,473

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**COST ESTIMATION FOR LANDSLIDE AT TAN LOI BRIDGE
(OPTION : STEEL SHEET PILE - LARSEN IV)**

**CHI PHÍ ĐÁP TRẢ CHO SÁT LỖ BỜ SÔNG TẠI KHU VỰC CẦU TÂN LỢI
(Phương án : DÙNG CỌC THÉP LARSEN IV)**

NoStt	Item/Hạng mục	Unit/đơn vị	Q'ty/Khoảng lượng	Unit Price Đơn giá (VND)	Amount Thành tiền (VND)
I	Driving steel sheet pile				
	Đóng cọc ván				
	Steel sheet pile fee				
	Mua cọc ván IV-Larsen	m	2,436.00	1,346,209	3,279,365,124
	Driving steel sheet pile				
	Đóng cọc ván IV-Larsen	m	2,436.00	150,000	365,400,000
III	Backfilling				
	Sàn lấp, đắp trả	m ³	2,254.72	129,616	292,247,139
A	Sum/ Cộng				3,937,012,263
B	Other direct cost/ Chi phí trực tiếp khác		A*2%		78,740,245
C	Total direct cost/ Tổng chi phí trực tiếp		A+B		4,015,752,508
D	Overhead / Chi phí chung		C*5.5%		220,866,388
E	Profit/ Thu nhập chịu thuế tính trước		(C+D)*5.5%		233,014,039
F	Cost (before VAT)/ Chi phí xây dựng trước thuế		C+D+E		4,469,632,935
G	VAT		F*10%		446,963,294
H	Cost (After VAT)/ Chi phí xây dựng sau thuế		F+G		4,916,596,229
I	Temporary housing fee/ Chi phí nhà tạm tại hiện trường để ở và điều hành		H*1%		49,165,962
J	Total Amount/ Tổng cộng		H+I		4,965,762,191

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**COST ESTIMATION FOR LANDSLIDE AT XUAN PHUONG BRIDGE
(OPTION : USING PRESTRESSED CONCRETE PILE)**

**CHI PHÍ ĐÁP TRẢ CHO SẠT LỞ BỜ SÔNG TẠI KHU VỰC CẦU XUÂN PHƯƠNG
(Phương án : DÙNG CỌC BÊ TÔNG UST)**

No Sit	Item Hạng mục	Unit đơn vị	Qty Khối lượng	Unit Price Đơn giá (VND)	Amount Thành tiền (VND)
I	Driving prestressed concrete pile Đóng cọc vữa				
	Prestressed concrete pile SW 400-500	m	1,320.00	1,750,000	2,310,000,000
	Mua cọc vữa SW 400-500				
	Transportation fee from site warehouse to construction place (L=500m) Chuyển chở cọc vữa từ vị trí tập kết lên phương tiện đóng cọc (phạm vi 500m)	m	1,320.00	152,130	200,811,600
II	Driving Prestressed concrete pile SW 400-500	m	1,320.00	450,000	594,000,000
	Đóng cọc vữa SW 400-500 bằng phương pháp ép rung				
	Construction of Top bracing beam Thi công giằng đỉnh móng				
	Rebar d<=10mm	kg	2,837.46	20,509	58,192,105
	Cốt thép móng đường kính cốt thép <=10mm				
	Rebar d<=18mm	kg	3,767.56	18,839	70,976,660
	Cốt thép móng đường kính cốt thép <=18mm				
	Rebar d>18mm	kg	2,261.06	18,650	42,168,471
III	Cốt thép móng đường kính cốt thép >18mm				
	Formwork	m2	497.80	116,216	57,852,325
	Ván khuôn thép đổ giằng đỉnh cọc				
	Concrete	m3	82.14	1,973,230	162,075,193
	Bê tông giằng đỉnh cọc M300				
III	Backfilling Sun lấp, đắp lại	m3	1,355.93	133,755	181,362,417

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**COST ESTIMATION FOR LANDSLIDE AT XUAN PHUONG BRIDGE
(OPTION : USING PRESTRESSED CONCRETE PILE)**

**CHI PHÍ ĐÁP TRẢ CHO SẠT LỞ BỜ SÔNG TẠI KHU VỰC CẦU XUÂN PHƯƠNG
(Phương án : DÙNG CỌC BÊ TÔNG UST)**

No Stt	Item Hạng mục	Unit đơn vị	Qty Khối lượng	Unit Price Đơn giá (VND)	Amount Thành tiền (VND)
A	Sum/ Cộng				3,677,438,771
B	Other direct cost/ Chi phí trực tiếp khác		A*2%		73,548,775
C	Total direct cost/ Tổng chi phí trực tiếp		A+B		3,750,987,546
D	Overhead / Chi phí chung		C*5.5%		206,304,315
E	Profit/ Thu nhập chịu thuế tính trước		(C+D)*5.5%		217,651,052
F	Cost (before VAT)/ Chi phí xây dựng trước thuế		C+D+E		4,174,942,913
G	VAT		F*10%		417,494,291
H	Cost (After VAT)/ Chi phí xây dựng sau thuế		F+G		4,592,437,204
I	Temporary housing fee/ Chi phí nhà tạm tại hiện trường để ở và điều hành		H*1%		45,924,372
J	Total Amount/ Tổng cộng		H+I		4,638,361,576

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**COST ESTIMATION FOR LANDSLIDE AT XUAN PHUONG BRIDGE
(OPTION : STEEL SHEET PILE - LARSEN IV)
CHI PHÍ ĐÁP TRẢ CHO SẠT LỞ BỜ SÔNG TẠI KHU VỰC CẦU XUAN PHUONG
(Phương án : DÙNG CỌC THÉP LARSEN IV)**

Stt	Hạng mục	đơn vị	Khối lượng	Đơn giá (VND)	Thành tiền (VND)
I	Driving steel sheet pile Đóng cọc ván				
	Steel sheet pile fee Mua cọc ván IV-Larsen	m	3,936.00	1,346,209	5,298,678,624
	Driving steel sheet pile Đóng cọc ván IV-Larsen	m	3,936.00	150,000	590,400,000
III	Resisting Sum lấp, đắp trả	m3	1,355.93	133,755	181,362,417
A	Sum/ Cộng				6,070,441,041
B	Other direct cost/ Chi phí trực tiếp khác		A*2%		121,408,821
C	Total direct cost/ Tổng chi phí trực tiếp		A+B		6,191,849,862
D	Overhead / Chi phí chung		C*5.5%		340,551,742
E	Profit/ Thu nhập chịu thuế tính trước		(C+D)*5.5%		359,282,088
F	Cost (before VAT)/ Chi phí xây dựng trước thuế		C+D+E		6,891,683,692
G	VAT		F*10%		689,168,369
H	Cost (After VAT)/ Chi phí xây dựng sau thuế		F+G		7,580,852,061
I	Temporary housing fee/ Chi phí nhà tạm tại hiện trường để ở và điều hành		H*1%		75,808,521
J	Total Amount/ Tổng cộng		H+I		7,656,660,582

***Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project***

**12. ANNEX 6: PLAN FOR TOTAL REMOVAL OF THE DISPOSAL AT KM 166+860.
PACKAGE A6**

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**



**Doosan Heavy Industries &
Construction**

Office of Noi bai – Lao cai Highway Project Package A6
Dong An Hamlet, Van Yen District, Yen Bai, Vietnam
T: 84 29 655 4988
F: 8429 383 2210

Our Ref.: DHIC-13- SET- 058

7th October, 2013

To: Getinsa Ingenieria S.L, Supervision Consultant
Attn: Mr. Romeo Pineda, Resident Engineer, Team 3
CC: Mr. Le Kim Thanh, EPMU Director
Mr. Do Ngoc An, Executive Manager in charge package A6

Subject: Submission of a plan to remove all unsuitable soil on disposal area at Km166+860R

Dear Sirs,

First of all, we appreciate your co-operation regarding Noi Bai - Lao Cai Highway Project Package A6.

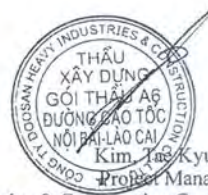
This letter refers your letter Ref. GET3-DOO-107 issued date 1st October, 2013 and EPMU NBLC's letter Ref. 1113/EPMU NBLC-KT issued date 30th September, 2013.

We would like to submit you a plan to remove all unsuitable soil on disposal area at Km166+860R, to refer details of the plan with an attachment file please.

Your cooperation and consideration will be highly appreciated.

Sincerely Yours,

GETINSA-CORETEAM		
Supervision consultant		
RECEIVED		
Sign:	[Signature]	
Date:	07/10/13	
Copy to For info For Action		
TJ	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DTL	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HE	<input type="checkbox"/>	<input type="checkbox"/>
SE	<input type="checkbox"/>	<input type="checkbox"/>
ME	<input type="checkbox"/>	<input type="checkbox"/>
LM	<input type="checkbox"/>	<input type="checkbox"/>
ES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ST	<input type="checkbox"/>	<input type="checkbox"/>
ADM	<input type="checkbox"/>	<input type="checkbox"/>



Doosan Heavy Industries & Construction Co.,Ltd

Attachment: The plan

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**



**Doosan Heavy Industries &
Construction**

Office of Noi bai ~ Lao cai Highway Project Package A6
Dong An Hamlet, Van Yen District, Yen Bai, Vietnam
T 84 29 655 4988
F 8429 383 2210

Thư số: DHIC-13-SET- 058

Ngày 7 tháng 10 năm 2013

Kính gửi: Tư vấn giám sát Gestinsa

Người nhận: Mr. Romeo Pineda, Kỹ sư thường trú nhóm 3 Getinsa

Đồng kính gửi: Ông Mr. Lê Kim Thanh, Giám đốc EPMU

Ông Đỗ Ngọc Ân, Giám đốc điều hành gói thầu A6

**Về việc: Đề trình kế hoạch di chuyển toàn bộ đất không thích hợp tại bãi đỗ thải
Km166+860R**

Thưa các ông,

Trước hết, chúng tôi đánh giá cao sự quan tâm hợp tác của quý Ông liên quan đến gói thầu A6 thuộc dự án tuyến đường cao tốc Nội Bài – Lào Cai.

Tham chiếu thư số GET3-DOO-107 ngày 01/10/2013 của tư vấn giám sát và thư số 1113/EPMU NBLC-KT ngày 30/9/2013 của Ban quản lý dự án đường cao tốc Nội Bài – Lào Cai.

Chúng tôi đề trình đề trình tới ông bản kế hoạch di chuyển toàn bộ đất không thích hợp đã được đỗ thải tại khu vực Km166+860 (bên phải tuyến), đề nghị ông xem xét chi tiết kế hoạch theo tệp đính kèm.

Đánh giá cao sự cộng tác của quý ông.

Trân trọng,

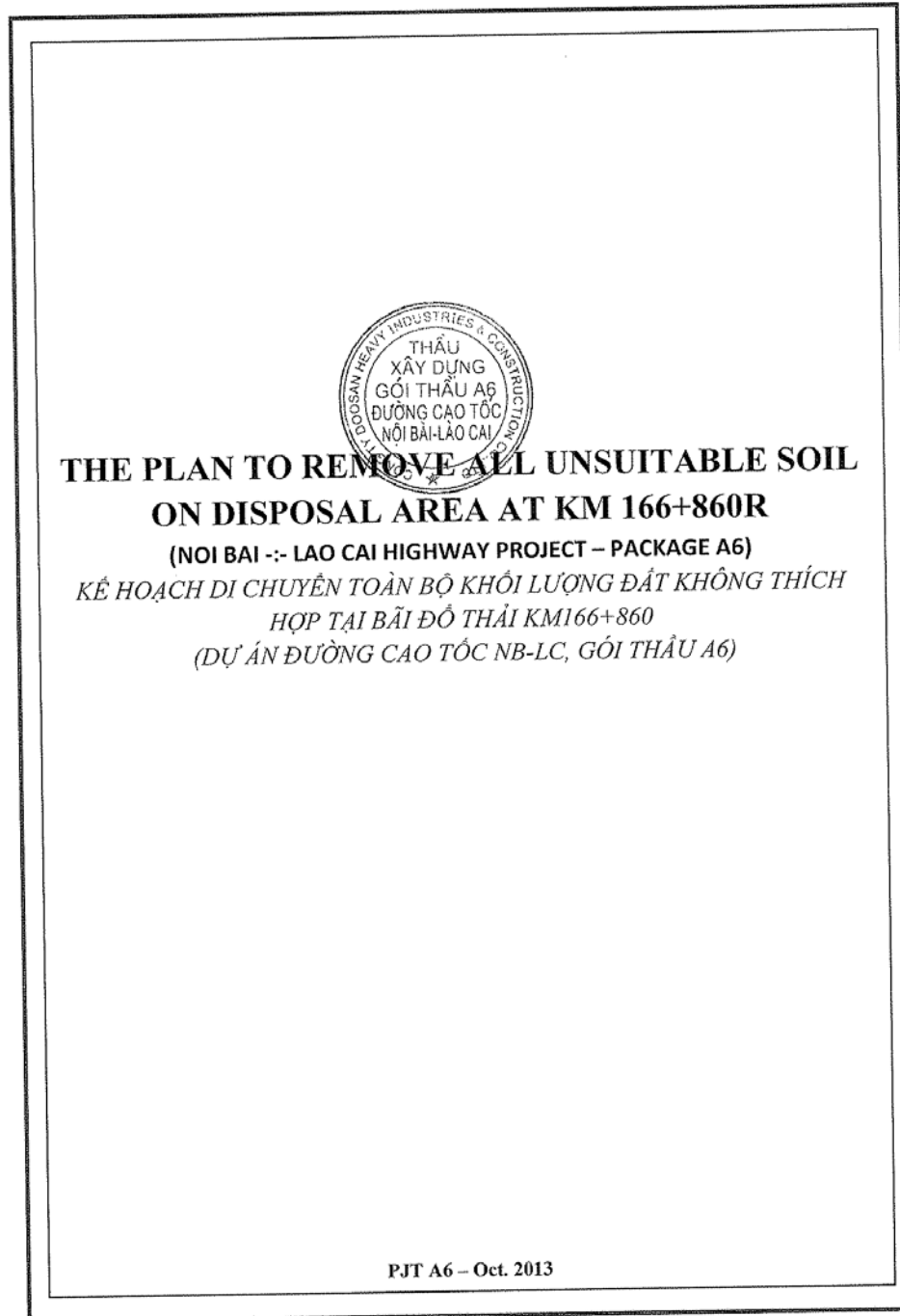
GIÁM ĐỐC DỰ ÁN

Đã ký

Kim, Tae Kyung

Đính kèm: Kế hoạch.

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**



**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**THE PLAN TO REMOVE ALL UNSUITABLE SOIL
ON DISPOSAL AREA AT KM 166+860R
(NOI BAI -:- LAO CAI HIGHWAY PROJECT – PACKAGE A6)**



Kim Tae Kyung
DOOSAN HEAVY INDUSTRIES &
CONSTRUCTION Co., Ltd.

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1. GENERAL INFORMATION
2. KEY PLAN AND PICTURE
3. PLAN, PROGRESS
4. ENVIRONMENT & SAFETY PROTECTION
5. SHOP DRAWING

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

I. GENERAL INFORMATION:

Package A6 implemented by main contractor Doosan Heavy Industries & Construction Co., Ltd. goes through 5 communes of Van Yen District, Yen Bai province.

Length of longitudinal section: 39,52Km.

Start point: at Km150+900

The end point: at Km190+420

With average elevation from 120 m to 150 m, the Package A6 has 1,542,548.0 m³ unsuitable materials. Due to the large volume of unsuitable material as well as packages A6 along the Red River, so it is very difficult to find disposal area in accordance with project and regulation of the contract. Therefore, the contractor coordinates with local people at Km166+860 in order to get the agreement with verification of local authority on disposal area and detail as below:

Length 100m, width 54,82m and height: 3,8m, so the volume is 21030.0m³.

Up to now, actually dump unsuitable soil on disposal area is 4894.13m³ with length: 50.19m, width: 16.46m, height: 5.92m

The detail of comparative value between disposal documents and actual dump quantity as on the table below:

No.	Description	Length (m)	Width (m)	High (m)	Area (m ²)	Disposal quantity (m ³)
1	Disposal document value	100	54,82	3,8	5482	21030.0
2	Actual value (Already dump)	50,19	16,46	5,92	826,13	4894.13

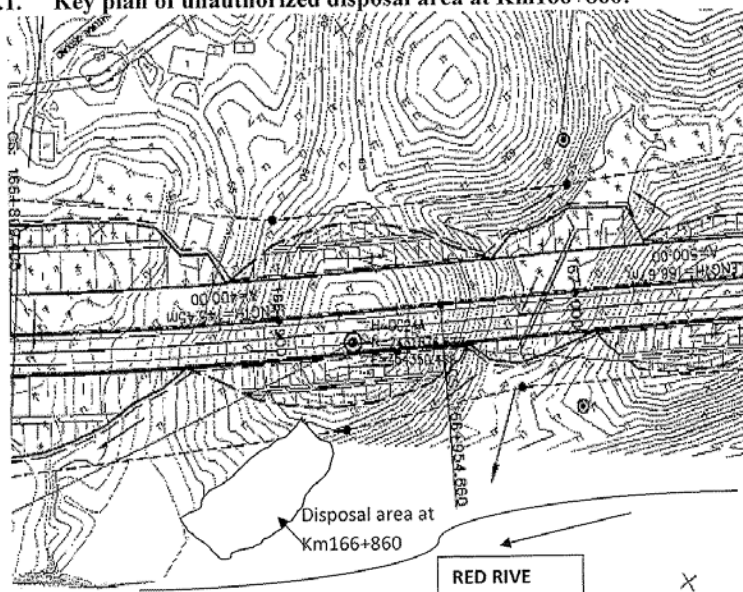
Environmental around is effected by the transport progress of the unsuitable material from construction site to disposal area, beside the disposal area on riverbank causing effect to water quality, flow, flow direction, these are leading to erosion, landside at downstream areas. These impacts adversely affect the economic and habitat of local people at downstream area. Therefore, we need to do research to find measures for mitigating the impact on the water quality.

The dumping unsuitable material of subcontractor on disposal area had agreed by local people confirmed by Dong An commune and Environmental and Natural Resources Division of Van Yen district. However, dumping unsuitable material on Red river affected to flood ability and create the risks about health and safety local people in the region.

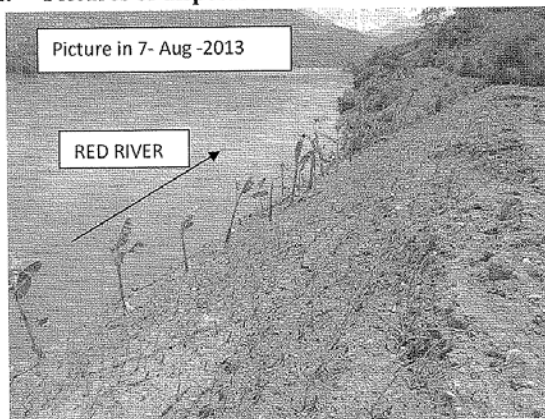
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Noi Bai – Lao Cai Highway Project**

II. KEY PLAN AND PICTURE:

2.1. Key plan of unauthorized disposal area at Km166+860:



2.2. Pictures of disposal area:



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Noi Bai – Lao Cai Highway Project**



III. PLAN, PROGRESS OF REMOVE UNSUITABLE SOIL:

3.1. Working plan:

The plan to remove all of unsuitable soil in disposal area at Km166+860 in 20 days as following:

Start time: 25th October 2013 (after local people finished to crop the corn field on this land area)

Finished time: 13th November 2013

Location of new disposal area: Km165+00

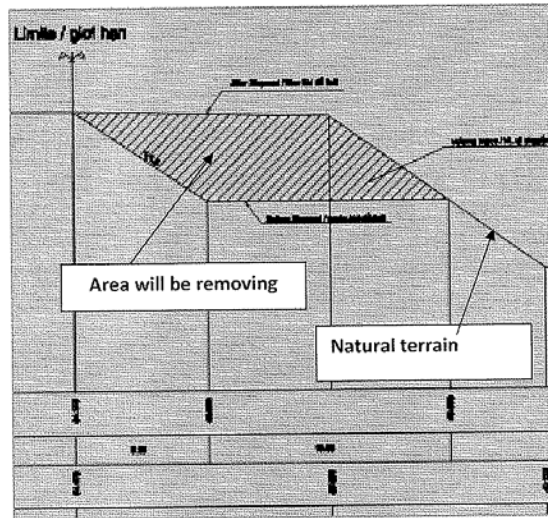
Actual quantity to remove: 4894.13m³

Mobilize heavy equipments and manpower on the table below:

No.	Equipment	Trademark	Capacity	Quantity	Remark
1	Dum truck (DT)	HOWO and Hyundai	15 tones	3	
2	Back hoe (BH)	CAT	320	1	
3	Bulldozer (DZ)	D40P		1	
4	Roller (RL)				
5	Water truck	HOAMAI	5 tons	1	
6	Automatic level	NIKON		1	
7	Manpower (Driver & Engineer)			7	

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3.2. Design of a cross section:



IV. SAFETY AND ENVIROMENT PROTECTION:

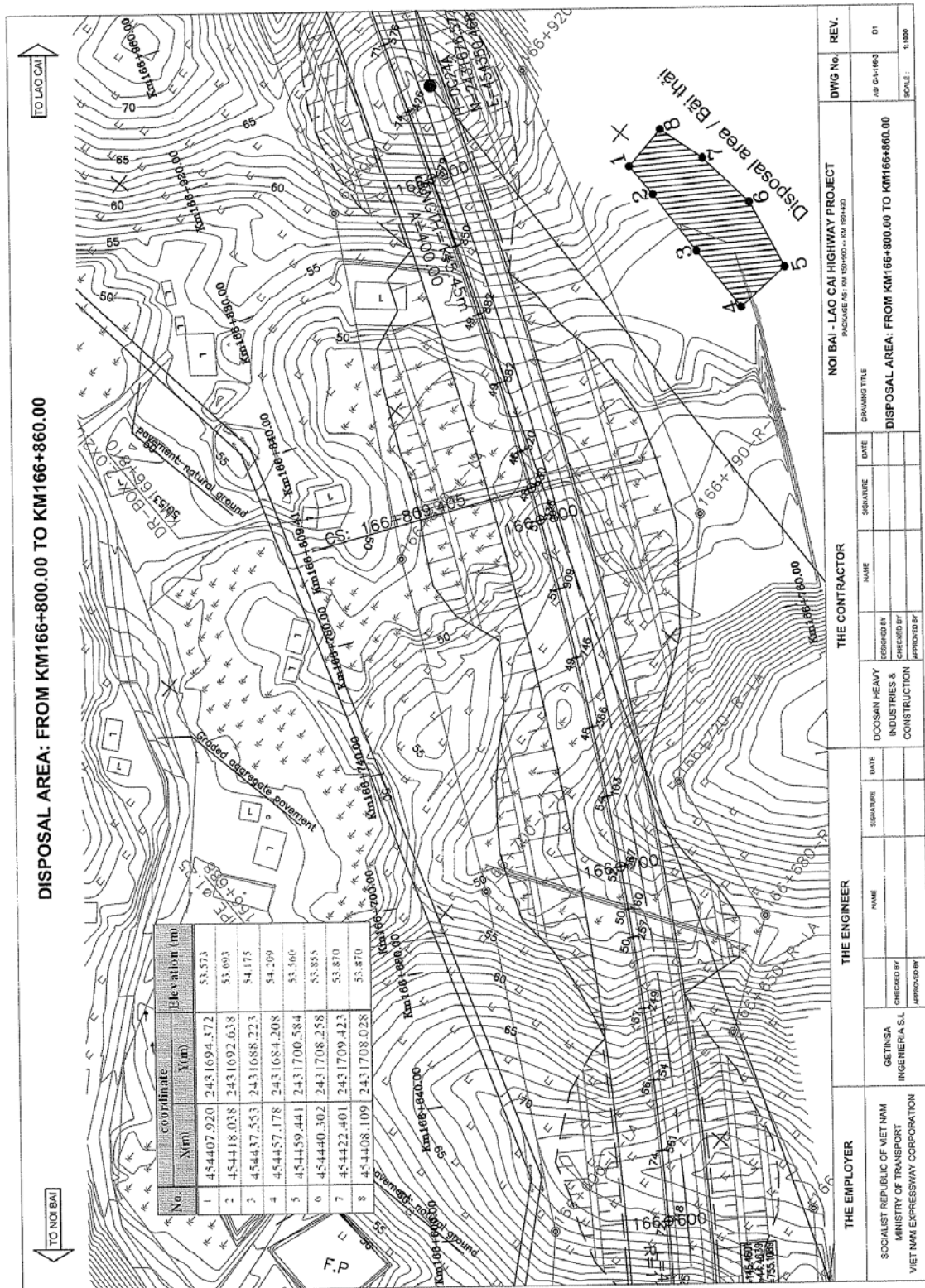
4.1. Maintain traffic and safety:

- Maintain traffic and safety during working time to be following Safety and traffic control plan.
- We will arrange signal mans to instruction traffic in dangerous areas and new disposal area during working time.

4.2. Ensuring Environment:

- To ensure environment during working time to be following the approved Environment control and protection plan.
- One water car will be spraying water on the access road and near resident area during the time to transfer unsuitable soil to new disposal area.
- Stop all of construction activities from: 9.00 PM to 6.00Am in the next day.

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Noi Bai – Lao Cai Highway Project



**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

SUMMARY QUANTITY CALCULATION SHEET - VOLUME MOVE

(Bảng tính khối lượng tổng hợp - Khối lượng gì chuyển)

Work (Công việc) : Volume move (Khởi lượng di chuyển)

Item (*Khoản mục*):

Station (Lý trình):

Station (Lý trình):					Disposal area Kml 00+000 - 55 - Kml 00+1000				
No (STT)	Station (Lý trình)	Distance Khoảng cách (m)	Area Diện tích (m2)	Volume Khối lượng (m3)					
1	Kml 66+800.00	20.00	91.68	1,928.30					
2	Kml 66+820.00	20.00	101.15	2,004.40					
3	Kml 66+840.00	10.19	99.29	961.43					
4	Kml 66+850.19		89.41						
Volume move (Khối lượng di chuyển)					4,894.13				

THE EMPLOYER				THE ENGINEER				THE CONTRACTOR				DWG No.		REV.	
SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT VIET NAM EXPRESSWAY CORPORATION				GETNSA INGENIERIA S.L CHECKED BY: JOSE EPINOS APPROVED BY: JOSE EPINOS				DOOSAN HEAVY INDUSTRIES & CONSTRUCTION DESIGNED BY: _____ CHECKED BY: _____ APPROVED BY: _____				DRAWING TITLE		NOI BAI - LAO CAI HIGHWAY PROJECT PACKAGE A6 : KM 150+900 - KM 180+420	
														VOLUME MOVE Disposal area Km166+800 -> Km166+860	
														SCALE :	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**VOLUME MOVE - DISPOSAL AREA KM166+800 - KM166+860
(Di chuyển khối lượng - Bãi đổ thải km166+800 - km166+860)**

Progress table / Bảng tiến độ

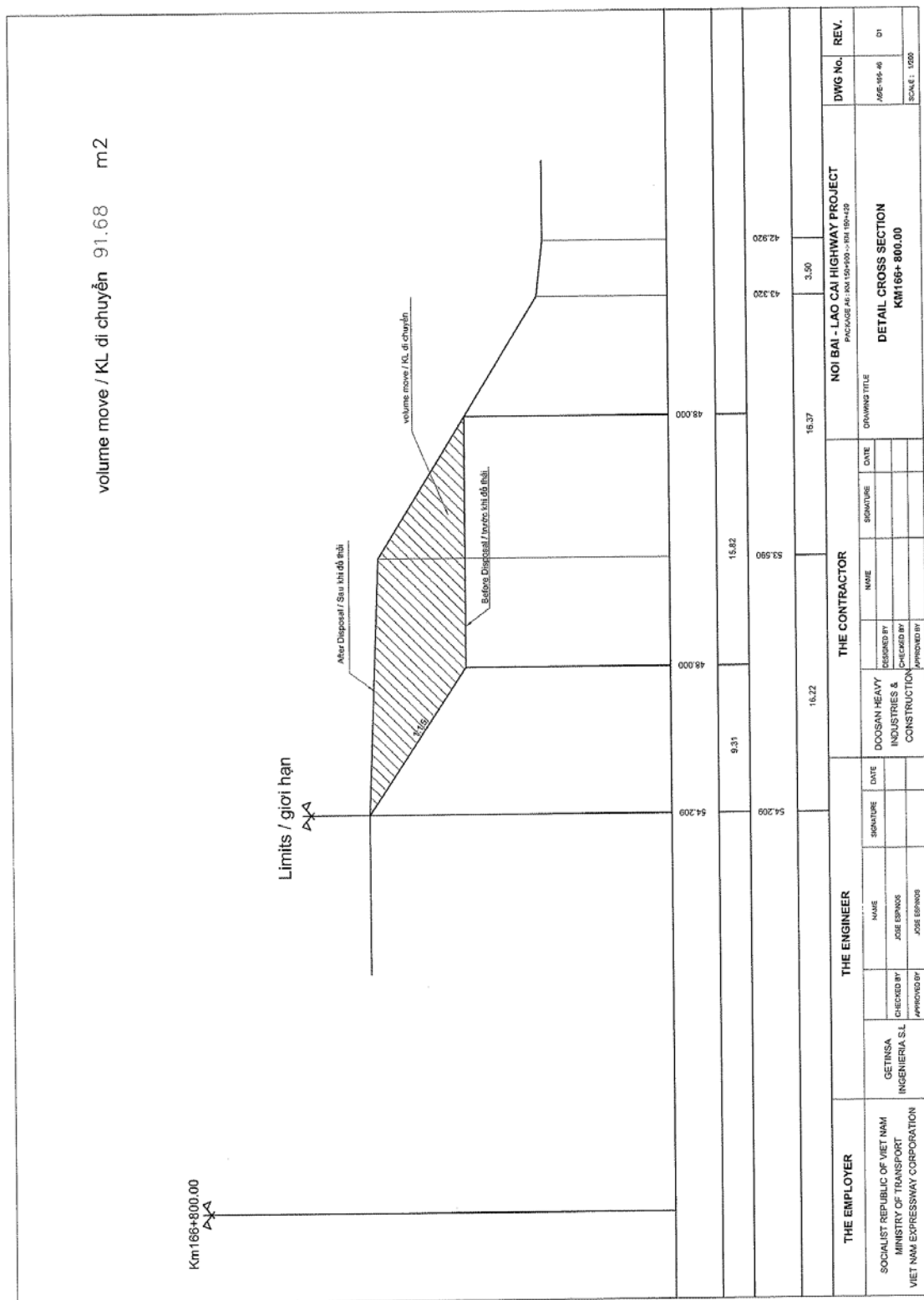
No (STT)	Station (Lý trình)	Item (Hạng mục)	Volume Khối lượng (m ³)	The time / Thời gian			Progress made (Tiến độ thực hiện)	
				start / bắt đầu	end / Kết thúc	Total days	Oct-13	Nov-13
1	Km166+800 - Km166+860	Volume move Di chuyển khối lượng	4,894.13	25-Oct-13	14-Nov-13	20		

Bổ trí thiết bị và nhân lực

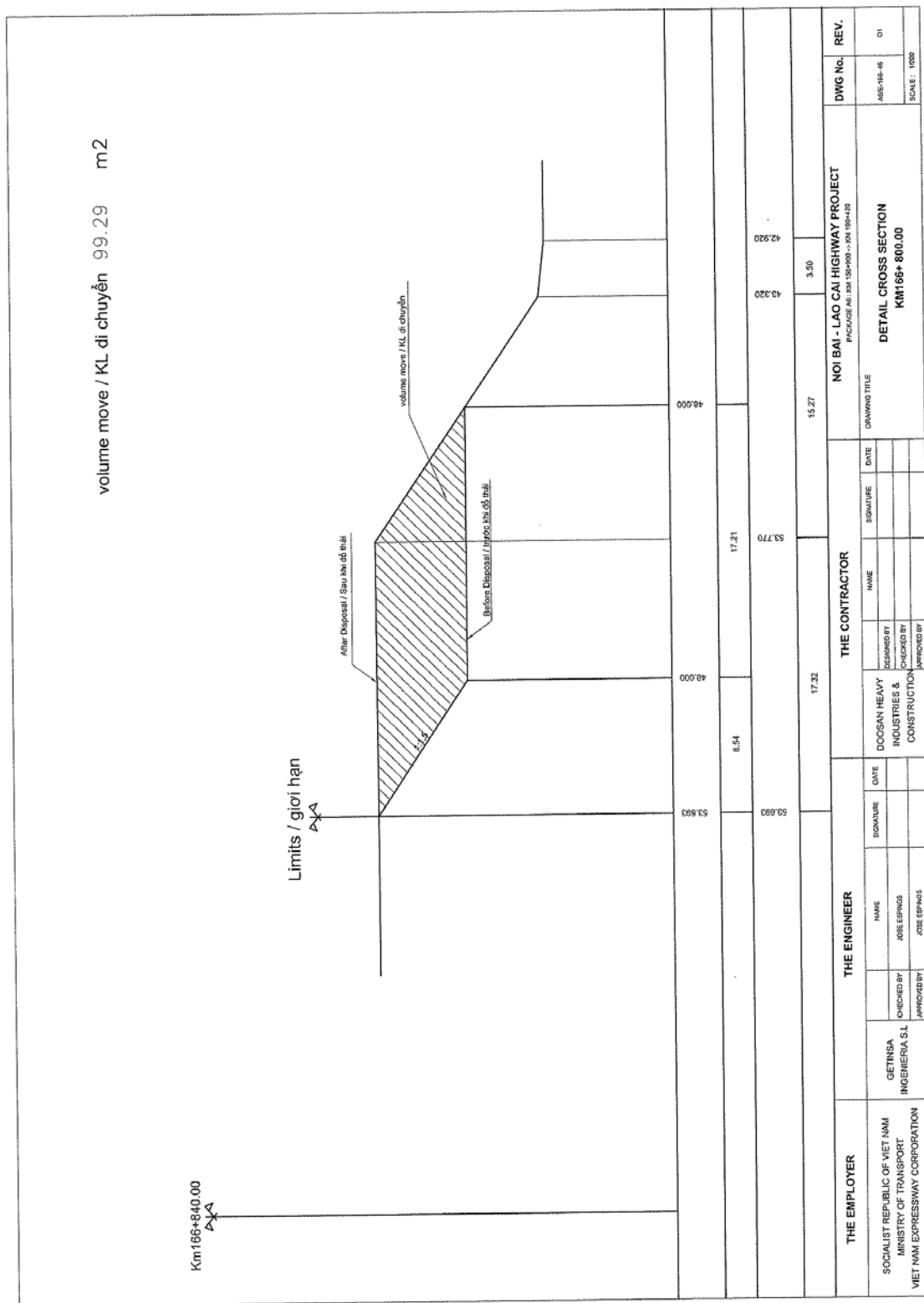
TT	Thiết bị và nhân lực	Số lượng	Ghi chú
1	Máy đào Cat 320	1	
2	Máy ủi D40P	1	
3	Máy lu	1	
4	Ô tô 15T	3	
5	Máy đo cao độ	1	
6	Công nhân lái xe máy	6	
7	Cán bộ kỹ thuật	1	

THE EMPLOYER SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT VIET NAM EXPRESSWAY CORPORATION	THE ENGINEER GETINSA INGENIERIA S.L		THE CONTRACTOR DOOSAN HEAVY INDUSTRIES & CONSTRUCTION		NOI BAI - LAO CAI HIGHWAY PROJECT PACKAGE NO. KM 166+800 - KM 166+860	DWG No.	REV.
	NAME JOSE ESPINOS APPROVED BY	SIGNATURE DATE	NAME APPROVED BY	SIGNATURE DATE	DRAWING TITLE VOLUME MOVE Disposal area Km166+800 - Km166+860 SCALE:		

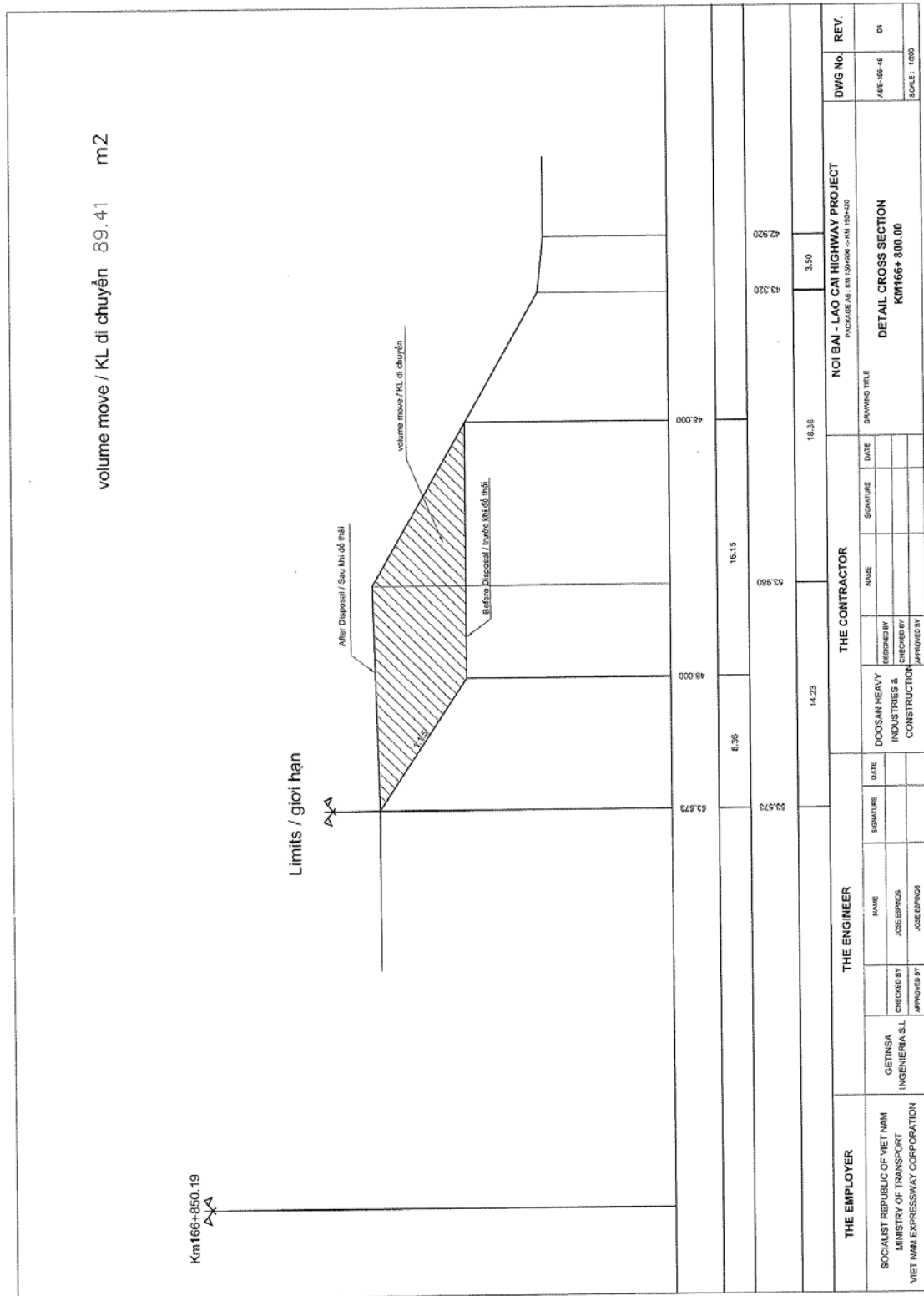
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**13. ANNEX 7: DOCUMENTATION RELATED TO COMPLAINTS AND
COMPENSATION ACTIVITIES DUE TO SOCIAL IMPACTS**

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A1

Currently, there are no significant issues about complaints and needs of compensation measures in this package.

PACKAGE A2

Summary table of complainants

NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
Khong Van Co	Erosion leads the soil into cropland	Km 42+300 ~ Km 42+660	22-May-2013	The UPMU, together with the Engineer, the Contractor and local authorities went to site to verify the affected areas and damaged assets as well. Currently, the Contractor informed the PSC that they are waiting for the response of the insurance company to solve the compensation processes. The Engineer has requested the Contractor to submit the progress of compensation works but up to now the Contractor has not provided it to us yet. The Contractor mobilized the equipment to restore the affected areas but this work
Nguyen Van The	Erosion leads the soil into cropland	Km 42+300 ~ Km 42+660	22-May-2013	
Khong Van Doi	Erosion leads the soil into cropland	Km 42+300 ~ Km 42+660	22-May-2013	
Nguyen Van Chi	Erosion leads the soil into cropland	Km 42+300 ~ Km 42+660	22-May-2013	
Khong Van Bo	Erosion leads the soil into cropland	Km 42+300 ~ Km 42+660	22-May-2013	
Nguyen Van Cham	Erosion leads the soil into cropland	Km 42+300 ~ Km 42+660	22-May-2013	
Khong Kim Dinh	Erosion leads the soil into cropland	Km 42+300 ~ Km 42+660	22-May-2013	
Kieu Thi Huyen	Erosion leads the soil into cropland	Km 42+300 ~ Km 42+660	22-May-2013	
Khong Van Dao	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kieu Van Viet	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Nguyen Van Mien	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Khong Van Cong	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kieu Van Bai	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kieu Van Chuyen	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Khong Van Le	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
Kieu Van Chien	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	has not been completed yet.
Khong Van Khai	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kieu Ngoc Ky	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kieu Van Sang	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kieu Manh Mien	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kien Van Thuat	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kieu Van Cac	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kieu Van Luu	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Khong Van Nhan	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Khong Van Minh	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Khong Ngoc Cham	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kieu Trong Mai	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Khong Van Hong	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Khong Van Son	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Khong Van Truong	Erosion leads the soil into cropland	Km 42+920 ~ Km 43+560	22-May-2013	
Kieu Van Binh	Erosion leads the soil into cropland	Km 44+060 ~ Km 44+180	22-May-2013	
Kieu Van Luu	Erosion leads the soil into cropland	Km 44+060 ~ Km 44+180	22-May-2013	
Khong Van Kien	Erosion leads the soil into cropland	Km 44+060 ~ Km 44+180	22-May-2013	
Nguyen Van Dong	Erosion leads the soil into cropland	Km 44+060 ~ Km 44+180	22-May-2013	
Khong Van Tuan	Erosion leads the soil into cropland	Km 44+060 ~ Km 44+180	22-May-2013	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Minute meeting with Cao Phong local authorities

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM

Độc lập – Tự do – Hạnh phúc

Cao Phong, ngày 22 tháng 05 năm 2013

BIÊN BẢN LÀM VIỆC

(Về việc: Giải quyết tồn tại trong quá trình thi công qua địa phận xã Cao Phong)

1. Địa điểm: UBND xã Cao Phong.
2. Các bên tham gia:
 - ✓ Đại diện Ban QLDA đường cao tốc Nội Bài – Lào Cai (EPMU Nội Bài – Lào Cai):
 - Ông: Lê Bảo Trung..... Chức vụ: Chuyên viên.....
 - ✓ Đại diện Tư vấn giám sát (Getinsa)
 - Ông: Phạm Ngọc Trang..... Chức vụ: Kỹ sư TVGS.....
 - ✓ Đại diện Nhà thầu thi công Gói thầu A2 Nội Bài – Lào Cai: Công ty Posco E&C:
 - Ông: Mai Hữu Nghĩa..... Chức vụ: Kỹ sư CT.....
 - ✓ Đại diện
 - Ông: Chức vụ:
 - ✓ Đại diện chính quyền địa phương: UBND xã Cao Phong + huyện Sốp Cộp.
 - Ông: Phong Văn Cầm..... Chức vụ: Chủ tịch xã.....
 - ✓ Đại diện Ông: Nguyễn Thanh Hùng..... Chức vụ: Đầu tư chính xã.....
 - Ông: Nguyễn Thanh Trung..... Chức vụ: chuyên viên phụ trách quản lý huyện.....
 - ✓ Đại diện Ông: Phạm Quang Yên..... Chức vụ: cán bộ hồ sơ công BTGP.H.S huyện.....
 - Ông: Nguyễn Thanh Trung..... Chức vụ: chuyên viên phụ trách N.T huyện.....

I. Nội dung làm việc:

Sau khi cùng nhau kiểm tra ngoài hiện trường, các bên tham gia thống nhất những nội dung sau:

- Tại Km 42 + 300 (phải tuyến): đến Km 42 + 660 (phải tuyến) bị sạt lở đất < có dấu sạt và diện tích sạt bị kèm theo > < xử lý Công Gia Thuận Ngọc Bạt và xử lý Trại Châu Thôn Tô'Grà >.

- Tại Km 42 + 300 (trái): bị ngập úng thủy cấp 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189,190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261,262,263,264,265,266,267,268,269,270,271,272,273,274,275,276,277,278,279,280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296,297,298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,339,340,341,342,343,344,345,346,347,348,349,350,351,352,353,354,355,356,357,358,359,360,361,362,363,364,365,366,367,368,369,370,371,372,373,374,375,376,377,378,379,380,381,382,383,384,385,386,387,388,389,390,391,392,393,394,395,396,397,398,399,400,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422,423,424,425,426,427,428,429,430,431,432,433,434,435,436,437,438,439,440,441,442,443,444,445,446,447,448,449,450,451,452,453,454,455,456,457,458,459,460,461,462,463,464,465,466,467,468,469,470,471,472,473,474,475,476,477,478,479,480,481,482,483,484,485,486,487,488,489,490,491,492,493,494,495,496,497,498,499,500,501,502,503,504,505,506,507,508,509,510,511,512,513,514,515,516,517,518,519,520,521,522,523,524,525,526,527,528,529,530,531,532,533,534,535,536,537,538,539,540,541,542,543,544,545,546,547,548,549,550,551,552,553,554,555,556,557,558,559,560,561,562,563,564,565,566,567,568,569,570,571,572,573,574,575,576,577,578,579,580,581,582,583,584,585,586,587,588,589,590,591,592,593,594,595,596,597,598,599,600,601,602,603,604,605,606,607,608,609,610,611,612,613,614,615,616,617,618,619,620,621,622,623,624,625,626,627,628,629,630,631,632,633,634,635,636,637,638,639,640,641,642,643,644,645,646,647,648,649,650,651,652,653,654,655,656,657,658,659,660,661,662,663,664,665,666,667,668,669,670,671,672,673,674,675,676,677,678,679,680,681,682,683,684,685,686,687,688,689,690,691,692,693,694,695,696,697,698,699,700,701,702,703,704,705,706,707,708,709,710,711,712,713,714,715,716,717,718,719,720,721,722,723,724,725,726,727,728,729,730,731,732,733,734,735,736,737,738,739,740,741,742,743,744,745,746,747,748,749,750,751,752,753,754,755,756,757,758,759,760,761,762,763,764,765,766,767,768,769,770,771,772,773,774,775,776,777,778,779,780,781,782,783,784,785,786,787,788,789,790,791,792,793,794,795,796,797,798,799,800,801,802,803,804,805,806,807,808,809,810,811,812,813,814,815,816,817,818,819,820,821,822,823,824,825,826,827,828,829,830,831,832,833,834,835,836,837,838,839,840,841,842,843,844,845,846,847,848,849,850,851,852,853,854,855,856,857,858,859,860,861,862,863,864,865,866,867,868,869,870,871,872,873,874,875,876,877,878,879,880,881,882,883,884,885,886,887,888,889,890,891,892,893,894,895,896,897,898,899,900,901,902,903,904,905,906,907,908,909,910,911,912,913,914,915,916,917,918,919,920,921,922,923,924,925,926,927,928,929,930,931,932,933,934,935,936,937,938,939,940,941,942,943,944,945,946,947,948,949,950,951,952,953,954,955,956,957,958,959,960,961,962,963,964,965,966,967,968,969,970,971,972,973,974,975,976,977,978,979,980,981,982,983,984,985,986,987,988,989,990,991,992,993,994,995,996,997,998,999,1000,1001,1002,1003,1004,1005,1006,1007,1008,1009,1010,1011,1012,1013,1014,1015,1016,1017,1018,1019,1020,1021,1022,1023,1024,1025,1026,1027,1028,1029,1030,1031,1032,1033,1034,1035,1036,1037,1038,1039,1040,1041,1042,1043,1044,1045,1046,1047,1048,1049,1050,1051,1052,1053,1054,1055,1056,1057,1058,1059,1060,1061,1062,1063,1064,1065,1066,1067,1068,1069,1070,1071,1072,1073,1074,1075,1076,1077,1078,1079,1080,1081,1082,1083,1084,1085,1086,1087,1088,1089,1090,1091,1092,1093,1094,1095,1096,1097,1098,1099,1100,1101,1102,1103,1104,1105,1106,1107,1108,1109,1110,1111,1112,1113,1114,1115,1116,1117,1118,1119,1120,1121,1122,1123,1124,1125,1126,1127,1128,1129,1130,1131,1132,1133,1134,1135,1136,1137,1138,1139,1140,1141,1142,1143,1144,1145,1146,1147,1148,1149,1150,1151,1152,1153,1154,1155,1156,1157,1158,1159,1160,1161,1162,1163,1164,1165,1166,1167,1168,1169,1170,1171,1172,1173,1174,1175,1176,1177,1178,1179,1180,1181,1182,1183,1184,1185,1186,1187,1188,1189,1190,1191,1192,1193,1194,1195,1196,1197,1198,1199,1200,1201,1202,1203,1204,1205,1206,1207,1208,1209,1210,1211,1212,1213,1214,1215,1216,1217,1218,1219,1220,1221,12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22,2223,2224,2225,2226,2227,2228,2229,2230,2231,2232,2233,2234,2235,2236,2237,2238,2239,2240,2241,2242,2243,2244,2245,2246,2247,2248,2249,2250,2251,2252,2253,2254,2255,2256,2257,2258,2259,2260,2261,2262,2263,2264,2265,2266,2267,2268,2269,2270,2271,2272,2273,2274,2275,2276,2277,2278,2279,2280,2281,2282,2283,2284,2285,2286,2287,2288,2289,2290,2291,2292,2293,2294,2295,2296,2297,2298,2299,2300,2301,2302,2303,2304,2305,2306,2307,2308,2309,2310,2311,2312,2313,2314,2315,2316,2317,2318,2319,2320,2321,2322,2323,2324,2325,2326,2327,2328,2329,2330,2331,2332,2333,2334,2335,2336,2337,2338,2339,2340,2341,2342,2343,2344,2345,2346,2347,2348,2349,2350,2351,2352,2353,2354,2355,2356,2357,2358,2359,2360,2361,2362,2363,2364,2365,2366,2367,2368,2369,2370,2371,2372,2373,2374,2375,2376,2377,2378,2379,2380,2381,2382,2383,2384,2385,2386,2387,2388,2389,2390,239

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A3

Table of complaints status

NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	During most of year 2013, not to much works at this location, so impacts were not significant	Km 77+620 Resident area	26/04/2013	<ul style="list-style-type: none"> - Watering activities - Public roads continue covered by soil and mud - Surfaces are regularly watered
1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	During most of year 2013, not to much works at this location, so impacts were not significant	Km 68+000 Resident area	11/06/2013	<ul style="list-style-type: none"> - Watering activities - Public roads continue covered by soil and mud - Surfaces are regularly watered
Soil slide down pipe culverts affecting the irrigation system	During most of year 2013, not to much works at this location, so impacts were not significant	Km 68+100 Resident area	10/12/2012	<ul style="list-style-type: none"> - Closely coordinate with affected HH and local authorities to expedite compensation for damages caused by construction activities - Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land - Implement slope stabilization measures to minimize erosion

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NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
Soil slide down pipe culverts affecting the irrigation system	During most of year 2013, not to much works at this location, so impacts were not significant	Km 53+150 Resident area	10/12/2012	<ul style="list-style-type: none"> - Closely coordinate with affected HH and local authorities to expedite compensation for damages caused by construction activities - Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land - Implement slope stabilization measures to minimize erosion

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Noi Bai – Lao Cai Highway Project**

Documents related with compensation status

1. At Phu Ninh commune

DANH SÁCH CÁC HỘ GIA ĐÌNH BỊ ẢNH HƯỞNG DO BỎI LẮNG ĐẤT
Khu 2 - Xã Phú Ninh - Huyện Phú Ninh - Phú Thọ

STT	Họ và Tên	Diện Tích (m2)	Đơn giá bồi thường hoa màu (đồng/m2)	Đơn giá chuyển đổi đất (đồng/m2)	Đơn giá cải tạo đất (đồng/m2)	Đơn giá tổng cộng (đồng/m2)	Thành tiền (đồng)	Loại ảnh hưởng	Ký nhận
1	Nguyễn Đình Bảng	100.2	15,120	4,070	7,000	26,190	2,624,238	Xổ bồi nằng	
2	Nguyễn Đình Bảng	99.5	15,120	4,070	7,000	26,190	2,605,905	Y nt	Điền
3	Nguyễn Đình Bảng	184	15,120	4,070	7,000	26,190	4,818,960	Y nt	
4	Ngô Bích Bảo	50.6	15,120	4,070	7,000	26,190	1,325,214	✓ nt	
5	Ngô Bích Bảo	42.7	15,120	4,070	7,000	26,190	1,118,313	✓ nt	Tiêu
6	Ngô Bích Bảo	85	15,120	4,070	7,000	26,190	2,236,294	nt	
7	Nguyễn Văn Bảy	✓ 102.6	15,120	4,070	7,000	26,190	2,683,204	nt	Thay
8	Nguyễn Văn Bảy	✓ 118.5	15,120	4,070	7,000	26,190	3,103,515	nt	
9	Đào Thị Bình	122.5	15,120	4,070	7,000	26,190	3,208,275	nt	Đào Thị Bình
10	Nguyễn Văn Cánh	71.4	15,120	4,070	7,000	26,190	1,869,966	nt	Cánh
11	Nguyễn Văn Cáp	534.9	15,120	4,070	7,000	26,190	14,009,031	nt	
12	Nguyễn Văn Cáp	17	15,120	4,070	7,000	26,190	445,230	nt	Cáp
13	Nguyễn Văn Cáp	137.2	15,120	4,070	7,000	26,190	3,593,268	nt	
14	Nguyễn Văn Cáp	110.7	15,120	4,070	7,000	26,190	2,899,233	nt	
15	Lê Quốc Văn Chuẩn	100.8	15,120	4,070	7,000	26,190	2,639,952	nt	Chu
16	Lê Quốc Văn Chuẩn	101.1	15,120	4,070	7,000	26,190	2,647,809	nt	
17	Nguyễn Văn Chung	64.7	15,120	4,070	7,000	26,190	1,694,493	nt	Nguyễn Văn Chung
18	Nguyễn Văn Chung	30.5	15,120	4,070	7,000	26,190	798,795	nt	
19	Nguyễn Bá Chuyên	127.6	15,120	4,070	7,000	26,190	3,341,844	nt	Chuyên

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STT	Họ và Tên	Diện Tích (m2)	Đơn giá bồi thường hoa màu (đồng/m2)	Đơn giá chuyển đổi đất (đồng/m2)	Đơn giá cải tạo đất (đồng/m2)	Đơn giá tổng cộng (đồng/m2)	Thành tiền (đồng)	Loại ảnh hưởng	Ký nhận
20	Nguyễn Thành Công	93.4	15,120	4,070	7,000	26,190	2,446,146	nt	Cộng
21	Nguyễn Văn Công	67.9	15,120	4,070	7,000	26,190	1,778,301	nt	
22	Nguyễn Huy Cù	142.8	15,120	4,070	7,000	26,190	3,739,932	nt	Cù
23	Nguyễn Huy Cù	110	15,120	4,070	7,000	26,190	2,880,900	nt	
24	Nguyễn Khắc Cự	52	15,120	4,070	7,000	26,190	1,361,880	nt	Khắc
25	Nguyễn Khắc Cự	60.6	15,120	4,070	7,000	26,190	1,587,114	nt	
26	Nguyễn Khắc Cự	134.9	15,120	4,070	7,000	26,190	3,533,031	nt	
27	Lê Thị Đa	161.7	15,120	4,070	7,000	26,190	4,234,923	nt	Hoa
28	Đoàn Văn Đanh	94.4	15,120	4,070	7,000	26,190	2,472,336	nt	Đanh
29	Đoàn Văn Đanh	171.8	15,120	4,070	7,000	26,190	4,499,442	nt	
30	Đoàn Văn Đanh	46.2	15,120	4,070	7,000	26,190	1,209,978	nt	
31	Kiểu Văn Đào	27.6	15,120	4,070	7,000	26,190	722,844	nt	Đào
32	Kiểu Văn Đào	53.7	15,120	4,070	7,000	26,190	1,406,403	nt	
33	Kiểu Xuân Đào	102.2	15,120	4,070	7,000	26,190	2,676,618	nt	Đào
34	Kiểu Xuân Đào	96.6	15,120	4,070	7,000	26,190	2,529,954	nt	
35	Nguyễn Thế Đê	91	15,120	4,070	7,000	26,190	2,383,290	nt	Đê
36	Nguyễn Thế Đê	44.9	15,120	4,070	7,000	26,190	1,175,931	nt	
37	Nguyễn Văn Đên	84.5	15,120	4,070	7,000	26,190	2,213,055	nt	Đên
38	Nguyễn Văn Đên	29.3	15,120	4,070	7,000	26,190	767,367	nt	
39	Nguyễn Văn Đên	69	15,120	4,070	7,000	26,190	1,807,110	nt	
40	Kiểu Đại Đông	30	15,120	4,070	7,000	26,190	785,700	nt	Đông

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STT	Họ và Tên	Diện Tích (m ²)	Đơn giá bồi thường hoa màu (đồng/m ²)	Đơn giá chuyển đổi đất (đồng/m ²)	Đơn giá cải tạo đất (đồng/m ²)	Đơn giá tổng cộng (đồng/m ²)	Thành tiền (đồng)	Loại ảnh hưởng	Ký nhận
41	Kiều Thị Định	193.2	15,120	4,070	7,000	26,190	5,059,908	✓ nt	Danh
42	Lê Văn Duẩn	98.3	15,120	4,070	7,000	26,190	2,574,477	✓ nt	
43	Lê Văn Duẩn	60.3	15,120	4,070	7,000	26,190	1,579,257	✓ nt	
44	Lê Văn Duẩn	78.1	15,120	4,070	7,000	26,190	2,045,439	✓ nt	
45	Lê Văn Duẩn	90.6	15,120	4,070	7,000	26,190	2,372,814	✓ nt	
46	Kiều Công Dung	92.2	15,120	4,070	7,000	26,190	2,414,718	✓ nt	
47	Kiều Công Dung	86.7	15,120	4,070	7,000	26,190	2,270,673	✓ nt	
48	Kiều Công Dung	60	15,120	4,070	7,000	26,190	1,571,400	✓ nt	
49	Triệu Thị Dung	123.7	15,120	4,070	7,000	26,190	3,239,703	✓ nt	
50	Nguyễn Xuân Gân	108	15,120	4,070	7,000	26,190	2,828,520	x nt	
51	Nguyễn Xuân Gân	46.4	15,120	4,070	7,000	26,190	1,215,216	x nt	
52	Nguyễn Xuân Gân	97.4	15,120	4,070	7,000	26,190	2,550,906	x nt	
53	Nguyễn Thị Giàu	140.7	15,120	4,070	7,000	26,190	3,684,933	✓ nt	
54	Nguyễn Thị Giàu	46.4	15,120	4,070	7,000	26,190	1,215,216	✓ nt	
55	Nguyễn Thị Hạnh	157	15,120	4,070	7,000	26,190	4,111,830	x nt	
56	Hoành Thị Thu Hà	100.3	15,120	4,070	7,000	26,190	2,626,857	y nt	
57	Nguyễn Xuân Hai	70	15,120	4,070	7,000	26,190	1,833,300	y nt	
58	Nguyễn Văn Hiến	117.2	15,120	4,070	7,000	26,190	3,069,468	< nt	
59	Nguyễn Xuân Hiệp	85	15,120	4,070	7,000	26,190	2,226,150	✓ nt	
60	Nguyễn Xuân Hiệp	152.8	15,120	4,070	7,000	26,190	4,001,832	✓ nt	
61	Nguyễn Xuân Hiệp	49.5	15,120	4,070	7,000	26,190	1,296,405	✓ nt	

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Noi Bai – Lao Cai Highway Project**

STT	Họ và Tên	Diện Tích (m2)	Đơn giá bồi thường hoa màu (đồng/m2)	Đơn giá chuyển đổi đất (đồng/m2)	Đơn giá cải tạo đất (đồng/m2)	Đơn giá tổng cộng (đồng/m2)	Thành tiền (đồng)	Loại ảnh hưởng	Ký nhận
62	Nguyễn Xuân Hiệp	453,4	15,120	4,070	7,000	26,190	11,874,546	X nt	huy
63	Nguyễn Xuân Hiệp	142,3	15,120	4,070	7,000	26,190	3,726,837	X nt	
64	Nguyễn Xuân Hiệp	203,1	15,120	4,070	7,000	26,190	5,319,189	X nt	
65	Nguyễn Văn Hòa	109,2	15,120	4,070	7,000	26,190	2,859,948	X nt	hoa
66	Nguyễn Văn Hòa	87,2	15,120	4,070	7,000	26,190	2,283,768	X nt	
67	Nguyễn Văn Hòa	411,3	15,120	4,070	7,000	26,190	10,771,947	X nt	
68	Nguyễn Thị Hoạt	61,9	15,120	4,070	7,000	26,190	1,621,161	X nt	hoa
69	Nguyễn Thị Hoạt	63,7	15,120	4,070	7,000	26,190	1,668,303	X nt	
70	Nguyễn Thị Hoạt	243	15,120	4,070	7,000	26,190	6,364,170	X nt	
71	Nguyễn Hữu Học	84	15,120	4,070	7,000	26,190	2,199,960	X nt	hoa khảm
72	Nguyễn Xuân Hối	80	15,120	4,070	7,000	26,190	2,095,200	X nt	
73	Nguyễn Mạnh Hùng	151,8	15,120	4,070	7,000	26,190	3,975,642	X nt	
74	Nguyễn Văn Hùng	77,6	15,120	4,070	7,000	26,190	2,032,344	X nt	hương huy khảm
75	Nguyễn Văn Hương	62,9	15,120	4,070	7,000	26,190	1,647,351	X nt	
76	Nguyễn Thị Hương	155,7	15,120	4,070	7,000	26,190	4,077,783	X nt	
77	Nguyễn Văn Huy	72,6	15,120	4,070	7,000	26,190	1,901,394	X nt	khảm khảm
78	Nguyễn Trung Khảm	151	15,120	4,070	7,000	26,190	3,954,690	X nt	
79	Phạm đức Khanh	152,3	15,120	4,070	7,000	26,190	3,988,737	X nt	
80	Lê Văn Khiêm	97,1	15,120	4,070	7,000	26,190	2,543,049	X nt	Lê Văn Khiêm
81	Lê Văn Khiêm	62,6	15,120	4,070	7,000	26,190	1,639,494	X nt	
82	Lê Văn Khiêm	50,2	15,120	4,070	7,000	26,190	1,314,738	X nt	
Nguyễn Văn Hòa		441,3					6.580.000		hoa

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STT	Họ và Tên	Diện Tích (m ²)	Đơn giá bồi thường hoa màu (đồng/m ²)	Đơn giá chuyển đổi đất (đồng/m ²)	Đơn giá cải tạo đất (đồng/m ²)	Đơn giá tổng cộng (đồng/m ²)	Thành tiền (đồng)	Loại ảnh hưởng	Ký nhận
83	Lê Văn Khiêm	87.1	15,120	4,070	7,000	26,190	2,281,149	✓ nt	Lên Khiêm
84	Ngô Văn Khoa	64.8	15,120	4,070	7,000	26,190	1,697,112	✓ nt	Tinh
85	Ngô Văn Khoa	72.5	15,120	4,070	7,000	26,190	1,898,775	✓ nt	
86	Ngô Văn Khoa	163	15,120	4,070	7,000	26,190	4,268,970	✓ nt	
87	Nguyễn Tư Kiêm	78.5	15,120	4,070	7,000	26,190	2,055,915	✓ nt	Điền
88	Nguyễn Tư Kiêm	86.2	15,120	4,070	7,000	26,190	2,257,578	✓ nt	
89	Nguyễn Đình Kiên	96.2	15,120	4,070	7,000	26,190	2,519,478	✓ nt	Chiêu
90	Nguyễn Đình Kiên	41.1	15,120	4,070	7,000	26,190	1,076,409	✓ nt	
91	Nguyễn Quang Lập	159.9	15,120	4,070	7,000	26,190	4,187,781	✓ nt	Lập
92	Nguyễn Xuân Lập	279.4	15,120	4,070	7,000	26,190	7,317,486	✓ nt	
93	Nguyễn Xuân Lập	234.6	15,120	4,070	7,000	26,190	6,144,174	✓ nt	
94	Nguyễn Xuân Lập	23.2	15,120	4,070	7,000	26,190	607,608	✓ nt	Lập
95	Nguyễn Xuân Lập	152.6	15,120	4,070	7,000	26,190	3,996,594	✓ nt	
96	Nguyễn Xuân Lập	93.3	15,120	4,070	7,000	26,190	2,443,527	✓ nt	
97	Nguyễn Văn Linh	29.1	15,120	4,070	7,000	26,190	762,129	✓ nt	Linh
98	Phạm Dương Lợi	134.7	15,120	4,070	7,000	26,190	3,527,793	✓ nt	
99	Phạm Dương Lợi	213	15,120	4,070	7,000	26,190	5,578,470	✓ nt	Lợi
100	Nguyễn Tiến Miện	136.2	15,120	4,070	7,000	26,190	3,567,078	✓ nt	
101	Nguyễn Văn Minh	110	15,120	4,070	7,000	26,190	2,880,900	✓ nt	Minh
102	Nguyễn Thị Năm	42.3	15,120	4,070	7,000	26,190	1,107,837	✓ nt	
103	Ngô Hữu Nghĩa	87.3	15,120	4,070	7,000	26,190	2,286,387	✓ nt	Nghĩa

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STT	Họ và Tên	Diện Tích (m ²)	Đơn giá bồi thưởng hoa màu (đồng/m ²)	Đơn giá chuyển đổi đất (đồng/m ²)	Đơn giá cải tạo đất (đồng/m ²)	Đơn giá tổng cộng (đồng/m ²)	Thành tiền (đồng)	Loại ảnh hưởng	Ký nhận
104	Ngô Hữu Nghĩa	70.8	15,120	4,070	7,000	26,190	1,854,252	X nt	<i>Ngô Hữu Nghĩa</i>
105	Kiều Công Nguyễn	89.8	15,120	4,070	7,000	26,190	2,351,862	✓ nt	
106	Kiều Công Nguyễn	122.6	15,120	4,070	7,000	26,190	3,210,894	X nt	<i>Nguyễn</i>
107	Kiều Công Nguyễn	107.3	15,120	4,070	7,000	26,190	2,810,187	X nt	
108	Nguyễn Tinh Nguyễn	130.6	15,120	4,070	7,000	26,190	3,420,414	X nt	<i>Son nguyên thủ thanh Son</i>
109	Nguyễn Tinh Nguyễn	33.9	15,120	4,070	7,000	26,190	887,841	4 nt	
110	Nguyễn Tinh Nguyễn	97.5	15,120	4,070	7,000	26,190	2,553,525	X nt	
111	Nguyễn Tinh Nguyễn	156.9	15,120	4,070	7,000	26,190	4,109,211	X nt	
112	Nguyễn Thị Nhân	44.4	15,120	4,070	7,000	26,190	1,162,836	✓ nt	
113	Nguyễn Thị Nhân	57.4	15,120	4,070	7,000	26,190	1,503,306	✓ nt	<i>Nhân</i>
114	Nguyễn Thị Nhân	91.5	15,120	4,070	7,000	26,190	2,396,385	✓ nt	
115	Nguyễn Thị Nhân	50.2	15,120	4,070	7,000	26,190	1,314,738	✓ nt	
116	Nguyễn Thị Cáp (Nhân)	112.7	15,120	4,070	7,000	26,190	2,951,613	X nt	<i>Cáp</i>
117	Nguyễn Văn Cáp (Nhân)	100.3	15,120	4,070	7,000	26,190	2,626,857	X nt	<i>Nhân</i>
118	Kiều Thị Nhung	125.8	15,120	4,070	7,000	26,190	3,294,702	✓ nt	<i>Nhung</i>
119	Nguyễn Văn Phòng	21.2	15,120	4,070	7,000	26,190	555,228	✓ nt	<i>Nguyễn Thị Sơn</i>
120	Nguyễn Văn Phòng	71.3	15,120	4,070	7,000	26,190	1,867,347	X nt	
121	Nguyễn Xuân Quân	23.2	15,120	4,070	7,000	26,190	607,608	X nt	<i>Quân</i>
122	Nguyễn Xuân Quân	103.1	15,120	4,070	7,000	26,190	2,700,189	X nt	
123	Nguyễn Thị Quỳnh	101.9	15,120	4,070	7,000	26,190	2,668,761	✓ nt	<i>Quỳnh</i>
124	Nguyễn Thị Quỳnh	31.7	15,120	4,070	7,000	26,190	830,223	✓ nt	

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STT	Họ và Tên	Diện Tích (m ²)	Đơn giá bồi thường hoa màu (đồng/m ²)	Đơn giá chuyển đổi đất (đồng/m ²)	Đơn giá cải tạo đất (đồng/m ²)	Đơn giá tổng cộng (đồng/m ²)	Thành tiền (đồng)	Loại ảnh hưởng	Ký nhận
125	Nguyễn Thị Quỳnh	173,4	15,120	4,070	7,000	26,190	4,541,346	x nt	Nguyễn
126	Nguyễn Văn Sách	102,9	15,120	4,070	7,000	26,190	2,694,951	✓ nt	Sách
127	Nguyễn Văn Sách	102,9	15,120	4,070	7,000	26,190	2,694,951	✓ nt	
128	Nguyễn Ngọc Sáng	79,2	15,120	4,070	7,000	26,190	2,074,248	✓ nt	
129	Nguyễn Ngọc Sáng	121,9	15,120	4,070	7,000	26,190	3,192,561	✓ nt	Sáng
130	Nguyễn Ngọc Sáng	27,5	15,120	4,070	7,000	26,190	720,925	✓ nt	
131	Nguyễn Ngọc Sáng	90	15,120	4,070	7,000	26,190	2,357,100	✓ nt	
132	Nguyễn Ngọc Sáng	128,8	15,120	4,070	7,000	26,190	3,373,272	nt	
133	Nguyễn Ngọc Sáng	6,3	15,120	4,070	7,000	26,190	1,639,10	✓ nt	
134	Nguyễn Văn Sáu	86,4	15,120	4,070	7,000	26,190	2,262,816	x nt	Sáu
135	Nguyễn Văn Sáu	55,9	15,120	4,070	7,000	26,190	1,464,021	x nt	
136	Nguyễn Hồng Sơn	159,7	15,120	4,070	7,000	26,190	4,182,543	x nt	
137	Nguyễn Hồng Sơn	32	15,120	4,070	7,000	26,190	838,080	x nt	Sơn
138	Nguyễn Hồng Sơn	96,3	15,120	4,070	7,000	26,190	2,522,097	x nt	
139	Nguyễn Thị Suối	59,8	15,120	4,070	7,000	26,190	1,566,162	x nt	Suối
140	Nguyễn Văn Tánh	73,5	15,120	4,070	7,000	26,190	1,924,965	x nt	Tánh
141	Nguyễn Văn Tập	159,7	15,120	4,070	7,000	26,190	4,182,543	x nt	Tập
142	Hồng Thâm	151,8	15,120	4,070	7,000	26,190	3,975,642	✓ nt	
143	Nguyễn Văn Thâm	29,8	15,120	4,070	7,000	26,190	780,462	✓ nt	Thâm
144	Nguyễn Văn Thâm	116,7	15,120	4,070	7,000	26,190	3,056,373	✓ nt	
145	Nguyễn Ngọc Thắng	140,7	15,120	4,070	7,000	26,190	3,684,933	x nt	Thắng

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STT	Họ và Tên	Diện Tích (m2)	Đơn giá bồi thường hoa màu (đồng/m2)	Đơn giá chuyển đổi đất (đồng/m2)	Đơn giá cải tạo đất (đồng/m2)	Đơn giá tổng cộng (đồng/m2)	Thành tiền (đồng)	Loại ảnh hưởng	Ký nhận
146	Nguyễn Văn Thắng	30.5	15,120	4,070	7,000	26,190	798,795	✓ nt	
147	Nguyễn Văn Thắng	37.3	15,120	4,070	7,000	26,190	976,887	✓ nt	
148	Nguyễn Văn Thắng	110	15,120	4,070	7,000	26,190	2,880,900	✓ nt	
149	Nguyễn Thị Thanh	104	15,120	4,070	7,000	26,190	2,723,760	✓ nt	
150	Nguyễn Thị Thanh	157.5	15,120	4,070	7,000	26,190	4,124,925	✓ nt	
151	Nguyễn Thị Thanh	35.1	15,120	4,070	7,000	26,190	919,269	✓ nt	
152	Nguyễn Thị Thêm	110.3	15,120	4,070	7,000	26,190	2,888,757	✓ nt	
153	Nguyễn Thị Thêm	198.6	15,120	4,070	7,000	26,190	5,201,334	✓ nt	
154	Nguyễn Thị Thêm	30.1	15,120	4,070	7,000	26,190	788,319	✓ nt	
155	Nguyễn Thị Thêm	72	15,120	4,070	7,000	26,190	1,885,680	✓ nt	
156	Nguyễn Chí Thích	86.9	15,120	4,070	7,000	26,190	2,275,911	✓ nt	
157	Nguyễn Chí Thích	52.3	15,120	4,070	7,000	26,190	1,369,737	✓ nt	
158	Nguyễn Chí Thích	100	15,120	4,070	7,000	26,190	2,619,000	✓ nt	
159	Nguyễn Trí Thích	107.1	15,120	4,070	7,000	26,190	2,804,949	✓ nt	
160	Nguyễn Văn Thiết	78.4	15,120	4,070	7,000	26,190	2,053,296	✓ nt	
161	Nguyễn Văn Thiết	62.5	15,120	4,070	7,000	26,190	1,636,875	✓ nt	
162	Nguyễn Văn Thiết	46.5	15,120	4,070	7,000	26,190	1,217,835	✓ nt	
163	Nguyễn Văn Thiết	42	15,120	4,070	7,000	26,190	1,099,980	✓ nt	
164	Trịệu Thị Thư	181.6	15,120	4,070	7,000	26,190	4,756,104	✓ nt	
165	Nguyễn Mạnh Thủy	90.3	15,120	4,070	7,000	26,190	2,364,957	✓ nt	
166	Nguyễn Mạnh Thủy	250.3	15,120	4,070	7,000	26,190	6,555,357	✓ nt	

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STT	Họ và Tên	Diện Tích (m2)	Đơn giá bồi thường hoa màu (đồng/m2)	Đơn giá chuyển đổi đất (đồng/m2)	Đơn giá cải tạo đất (đồng/m2)	Đơn giá tổng cộng (đồng/m2)	Thành tiền (đồng)	Loại ảnh hưởng	Ký nhận
167	Nguyễn Khắc Tiếp	28.5	15,120	4,070	7,000	26,190	746,415	x nt	
168	Nguyễn Khắc Tiếp	85.7	15,120	4,070	7,000	26,190	2,244,483	x nt	
169	Nguyễn Khắc Tiếp	50	15,120	4,070	7,000	26,190	1,309,500	x nt	
170	Nguyễn Khắc Tiếp	53.8	15,120	4,070	7,000	26,190	1,409,022	x nt	
171	Nguyễn Khắc Tiếp	100	15,120	4,070	7,000	26,190	2,619,000	x nt	
172	Ngô Hữu Tinh	163	15,120	4,070	7,000	26,190	4,268,970	x nt	
173	Nguyễn Thành Tô	46.3	15,120	4,070	7,000	26,190	1,212,597	x nt	
174	Nguyễn Thành Tô	605	15,120	4,070	7,000	26,190	15,844,950	x nt	
175	Nguyễn Văn Tô	99.6	15,120	4,070	7,000	26,190	2,608,524	x nt	
176	Nguyễn Văn Tô	122.1	15,120	4,070	7,000	26,190	3,197,799	x nt	
177	Nguyễn Văn Tô	44.5	15,120	4,070	7,000	26,190	1,165,455	x nt	
178	Kiều Thị Tôn (tôn)	58.9	15,120	4,070	7,000	26,190	1,542,591	x nt	
179	Kiều Thị Tru	126.8	15,120	4,070	7,000	26,190	3,320,892	x nt	
180	Kiều Thị Tru	76	15,120	4,070	7,000	26,190	1,990,440	x nt	
181	Kiều Thị Tru	115	15,120	4,070	7,000	26,190	3,011,850	x nt	
182	Nguyễn Quang Trường	120	15,120	4,070	7,000	26,190	3,142,800	x nt	
183	Nguyễn Quang Trường	86.2	15,120	4,070	7,000	26,190	2,257,578	x nt	
184	Nguyễn Văn Tụ	167.2	15,120	4,070	7,000	26,190	4,378,968	x nt	
185	Nguyễn Văn Tuyên	82.1	15,120	4,070	7,000	26,190	2,150,199	x nt	
186	Kiều Văn Ước	96.8	15,120	4,070	7,000	26,190	2,535,192	x nt	
187	Nguyễn Văn Văn	66.3	15,120	4,070	7,000	26,190	1,736,397	x nt	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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STT	Họ và Tên	Diện Tích (m2)	Đơn giá bồi thường hoa màu (đồng/m2)	Đơn giá chuyển đổi đất (đồng/m2)	Đơn giá cải tạo đất (đồng/m2)	Đơn giá tổng cộng (đồng/m2)	Thành tiền (đồng)	Loại ảnh hưởng	Ký nhận
188	Nguyễn Văn Văn	78.8	15,120	4,070	7,000	26,190	2,063,772	x nt	[Signature]
189	Nguyễn Văn Văn	68.4	15,120	4,070	7,000	26,190	1,791,396	x nt	
190	Ngôn Thị Viên	46.3	15,120	4,070	7,000	26,190	1,212,597	y nt	Viên
191	Ngôn Thị Viên	140	15,120	4,070	7,000	26,190	3,666,600	x nt	
192	Ngôn Thị Viên	150	15,120	4,070	7,000	26,190	3,928,500	y nt	
193	Nguyễn Anh Vương	144.5	15,120	4,070	7,000	26,190	3,784,455	y nt	[Signature]
194	Nguyễn Anh Vương	69.3	15,120	4,070	7,000	26,190	1,814,967	y nt	
195	Nguyễn Anh Vương	97.1	15,120	4,070	7,000	26,190	2,543,049	x nt	[Signature]
196	Nguyễn Anh Vương	140.7	15,120	4,070	7,000	26,190	3,684,933	y nt	
197	Kiều Nghi Xuân	148.8	15,120	4,070	7,000	26,190	3,897,072	x nt	[Signature]
198	Kiều Nghi Xuân	71.3	15,120	4,070	7,000	26,190	1,867,347	y nt	
TỔNG CỘNG (M2)		20,709					542,379,186		

* Ghi chú: - Đơn giá đền bù hoa màu = 3.780 (đồng/vụ) * 4 vụ = 15,120 đồng

- Đơn giá chuyển đổi đất: Tính theo luật đất đai bằng tiền chênh lệch giữa hai loại đất màu và đất trồng lúa trên địa bàn Phú Thọ

542.280.140

ĐẠI DIỆN UBND XÃ PHÚ NINH

ĐẠI DIỆN ĐƠN VỊ THI CÔNG

ĐẠI DIỆN NHÀ THẦU POSCO

CHỦ TỊCH
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Khánh Văn Giang

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**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**DANH SÁCH DIỆN TÍCH CÁC HỘ BỊ NGẬP ÚNG
Khu DINZIN + NHÀ MÁ (Khu 7) - RAMP A1**

STT	Họ và tên	Diện tích (m2)	Số thửa	Đền bù hoa màu lúa			Hót đất bồi và cải tạo		Tổng cộng (đồng)	Tình trạng ảnh hưởng	Ký nhận
				Đơn giá (đ/m2)	Cách Tính	Thành Tiền	Đơn giá (đ/m2)	Thành Tiền (đ)			
	(A)	(B)	(C)	(D)	(E)	(F)	(g)	(H)	(K)		
1	Triệu Văn Cảnh	313		3780	$(B)*(D)*4(vu)*40\%$	1,893,024	10,000	3,130,000	5,023,024	Bồi + ngập ảnh hưởng năng suất	Cảnh
2	Khuất Văn Cảnh	216	745	3780	$(B)*(D)*4(vu)$	3,265,920	10,000	2,160,000	5,425,920	Bồi + ngập không cây được	Cảnh
3	Nguyễn Văn Cây	203.4		3780	$(B)*(D)*4(vu)*40\%$	1,230,163	5,000	1,017,000	2,247,163	Bồi ảnh hưởng năng suất	Cây
4	Nguyễn Văn Cây	77.8		3780	$(B)*(D)*4(vu)$	1,176,336	10,000	778,000	1,954,336	Bồi không cây được	Cây
5	Kiểu Xuân Chấn	197.9	65	3780	$(B)*(D)*4(vu)*40\%$	1,196,899			1,196,899	Ngập nhẹ ảnh hưởng năng suất	Chấn
6	Nguyễn Thị Chính	204	43+89+95	3780	$(B)*(D)*4(vu)*40\%$	1,233,792	5,000	1,020,000	2,253,792	Bồi + ngập ảnh hưởng năng suất	Chính
7	Triệu Ngọc Chính	100		3780	$(B)*(D)*4(vu)*40\%$	604,800	5,000	500,000	1,104,800	Bồi ảnh hưởng năng suất	Chính
8	Trần Văn Cừ	270.1	344	3780	$(B)*(D)*4(vu)*40\%$	1,633,565		-	1,633,565	Ngập ảnh hưởng năng suất	Cừ
9	Nguyễn Văn Cừ	451.7	78+249+1,52+1	3780	$(B)*(D)*4(vu)*40\%$	2,731,882	5,000	2,258,500	4,990,382	Bồi + ngập ảnh hưởng năng suất	Cừ
10	Khuất Văn Diễm	165.4	139	3780	$(B)*(D)*4(vu)*40\%$	1,000,339	5,000	827,000	1,827,339	Bồi ảnh hưởng năng suất	Diễm
11	Khuất Văn Dũng	90		3780	$(B)*(D)*4(vu)$	1,360,800			1,360,800	Ngập không cây được	Dũng
12	Khổng Thị Giáp	211	341-2	3780	$(B)*(D)*4(vu)*40\%$	1,276,128	5,000	1,055,000	2,331,128	Bồi nhẹ ảnh hưởng năng suất	Giáp
13	Triệu Quang Hiến	360		3780	$(B)*(D)*4(vu)*40\%$	2,177,280		-	2,177,280	Ngập nhẹ ảnh hưởng năng suất	Hiến
14	Triệu Thanh Hùng	81	351-3	3780	$(B)*(D)*4(vu)*40\%$	489,888		-	489,888	Ngập nhẹ ảnh hưởng năng suất	Hùng
15	Triệu Như Khang	129.6	443	3780	$(B)*(D)*4(vu)$	1,959,552	9,000	1,166,400	3,125,952	Bồi + ngập không cây được	Khang
16	Khuất Đăng Khoa	29.5	233	3780	$(B)*(D)*4(vu)*40\%$	178,416	5,000	147,500	325,916	Bồi ảnh hưởng năng suất	Khoa
17	Nguyễn Ngọc Minh	117		3780	$(B)*(D)*4(vu)$	1,769,040			1,769,040	Ngập không cây được	Minh
18	Lê Văn Mô	40		3780	$(B)*(D)*4(vu)$	604,800	10,000	400,000	1,004,800	Bồi không cây được	Mô
19	Nguyễn Thị Nghị	42		3780	$(B)*(D)*4(vu)*40\%$	254,016	5,000	210,000	464,016	Bồi + ngập ảnh hưởng năng suất	Nghị

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STT	Họ và tên	Diện tích (m2)	Số thửa	Đền bù hoa màu lúa			Hớt đất bồi và cải tạo		Tổng cộng (đồng)	Tình trạng ảnh hưởng	Ký nhận
				Đơn giá (đ/m2)	Cách Tính	Thành Tiền	Đơn giá (đ/m2)	Thành Tiền (đ)			
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(K)			
20	Khuất Thị Nhân	279,9	100+353	3780	(B)*(D)*4(vụ)*40%	1,692,835	5,000	1,399,500	3,092,335	Bồi + ngập ảnh hưởng năng suất	Bình
21	Khuất Thị Nhung	126,3	90	3780	(B)*(D)*4(vụ)*40%	763,862	-	-	763,862	Ngập ảnh hưởng năng suất	Nhung
22	Triệu Văn Nhung	100		3780	(B)*(D)*4(vụ)*40%	604,800	5,000	500,000	1,104,800	Bồi ảnh hưởng năng suất	Nhung
23	Triệu Văn Nhung	100		3780	(B)*(D)*4(vụ)*40%	604,800	5,000	500,000	1,104,800	Bồi ảnh hưởng năng suất	Nhung
24	Triệu Quang Ninh	154,1	405+406	3780	(B)*(D)*4 (vụ)	2,329,992	10,000	1,541,000	3,870,992	Bồi + ngập không cây được	Ninh
25	Kiểu Xuân Phong	360	90+97	3780	(B)*(D)*4(vụ)*40%	2,177,280	-	-	2,177,280	Ngập ảnh hưởng năng suất	Phong
26	Khuất Hồng Phong	128		3780	(B)*(D)*4(vụ)*40%	774,144	5,000	640,000	1,414,144	Bồi ảnh hưởng năng suất	Phong
27	Triệu Văn Quang	68		3780	(B)*(D)*4(vụ)*40%	411,264	5,000	340,000	751,264	Bồi + ngập ảnh hưởng năng suất	Quang
28	Khuất Thị Sứ	962	344-6.322-1.34	3780	(B)*(D)*4(vụ)*40%	5,818,176	5,000	4,810,000	10,628,176	Bồi ảnh hưởng năng suất	Sứ
29	Triệu Ngọc Than	165		3780	(B)*(D)*4(vụ)*40%	997,920	-	-	997,920	Ngập ảnh hưởng năng suất	Than
30	Khuất Văn Thịnh	125	351	3780	(B)*(D)*4 (vụ)	1,890,000	10,000	1,250,000	3,140,000	Bồi + ngập không cây được	Thịnh
31	Triệu Xuân Thọ	352,5	742+743	3780	(B)*(D)*4(vụ)*40%	2,131,920	-	-	2,131,920	Ngập ảnh hưởng năng suất	Thịnh
32	Nguyễn Đình Thuật	31		3780	(B)*(D)*4(vụ)*40%	187,488	5,000	155,000	342,488	Bồi ảnh hưởng năng suất	Thuật
33	Lê Văn Tiến	300	92	3780	(B)*(D)*4(vụ)*40%	1,814,400	-	-	1,814,400	Ngập ảnh hưởng năng suất	Tiến
34	Khuất Duy Tiến	300		3780	(B)*(D)*4(vụ)*40%	1,814,400	-	-	1,814,400	Ngập ảnh hưởng năng suất	Tiến
35	Triệu Văn Tiến	40		3780	(B)*(D)*4(vụ)*40%	241,920	5,000	200,000	441,920	Bồi ảnh hưởng năng suất	Tiến
36	Lê Xuân Tiếp	139		3780	(B)*(D)*4(vụ)*40%	840,672	-	-	840,672	Ngập ảnh hưởng năng suất	Tiếp
37	Kiểu Văn Trinh	168,6	67	3780	(B)*(D)*4(vụ)*40%	1,019,693	-	-	1,019,693	Ngập ảnh hưởng năng suất	Trinh
38	Nguyễn Văn Trọng	240	66	3780	(B)*(D)*4(vụ)*40%	1,451,520	-	-	1,451,520	Ngập ảnh hưởng năng suất	Trọng
39	Khuất Văn Trọng	74,4	63	3780	(B)*(D)*4 (vụ)	1,124,928	-	-	1,124,928	Ngập không cây được	Trọng

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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STT	Họ và tên	Diện tích (m2)	Số thửa	Đền bù hoa màu lúa			Hót đất bồi và cải tạo		Tổng cộng (đồng)	Tình trạng ảnh hưởng	Ký nhận
				Đơn giá (đ/m2)	Cách Tính	Thành Tiền	Đơn giá (đ/m2)	Thành Tiền (đ)			
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(K)			
40	Khuất Quang Trung	350		3780	(B)*(D)*4(vụ)*40%	2,116,800	5,000	1,750,000	3,866,800	Bồi ảnh hưởng năng suất	Khuất
41	Trần Văn Tường	68.8		3780	(B)*(D)*4(vụ)*40%	416,102	5,000	344,000	760,102	Bồi ảnh hưởng năng suất	ngà v
42	Nguyễn Ngọc Tuyền	529		3780	(B)*(D)*4(vụ)*40%	3,199,392	5,000	2,645,000	5,844,392	Bồi ảnh hưởng năng suất	Bình v
43	Khuất Thị Văn	293.7	4	3780	(B)*(D)*4(vụ)*40%	1,776,298	5,000	1,468,500	3,244,798	Bồi + ngập ảnh hưởng năng suất	Văn
44	Lê Trọng Viễn	360		3780	(B)*(D)*4(vụ)*40%	2,177,280		-	2,177,280	Ngập ảnh hưởng năng suất	Khuất
45	Lê Văn Việt	14.3	103	3780	(B)*(D)*4(vụ)*40%	86,486	5,000	71,500	157,986	Bồi ảnh hưởng năng suất	Việt
46	Khuất Văn Vũ	559.4	40+86+87+227	3780	(B)*(D)*4(vụ)*40%	3,383,251		-	3,383,251	Ngập ảnh hưởng năng suất	Vũ
47	Khuất Văn Xuân	306		3780	(B)*(D)*4(vụ)*40%	1,850,688	5,000	1,530,000	3,380,688	Bồi ảnh hưởng năng suất	Xuân
48	Nguyễn Văn Xương	76.9	184	3780	(B)*(D)*4 (vụ)	1,162,728			1,162,728	Ngập không cấy được	Xương v
49	Khuất Quang Yên	196.7	734	3780	(B)*(D)*4(vụ)*40%	1,189,642	5,000	983,500	2,173,142	Bồi ảnh hưởng năng suất	Yên
50	Hồng Loan	66.5		3780	(B)*(D)*4(vụ)*40%	402,192	5,000	332,500	734,692	Bồi ảnh hưởng năng suất	Hồng
51	Bến (Bách)	75.4		3780	(B)*(D)*4 (vụ)	1,140,048	10,000	754,000	1,894,048	Bồi không cấy được	Bến
TỔNG CỘNG		10409.9							109,513,462		

ĐẠI DIỆN UBND XÃ PHU NINH

ĐẠI DIỆN NHÀ THẦU POSCO

ĐẠI DIỆN ĐƠN VỊ THI CÔNG

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CHỦ TỊCH
Khuất Văn Quang



**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**DANH SÁCH HỒ TRỢ ĐỀN BÙ XÔ BÔI, NGẬP ỦNG
Hố Nhè - Khu 10 - Xã Phú Ninh (Km56+600)**

TT	Chủ sử dụng	Số thửa	Diện tích (m2)	Đền bù hoa màu lúa			Hót đất xô bồi và cải tạo		Tổng cộng (đồng)	Loại ảnh hưởng	
				Đơn giá (đồng)	Cách tính	Thành tiền (đồng)	Đơn giá (đồng)	Thành tiền (đồng)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
4	Nguyễn Tiến An	131	115.3	3,780	(4)*(5)*3(vu)	1,307,502	10,000	1,153,000	2,460,502		Xô bồi An
10	Nguyễn Ngọc Chinh	124+115	553	3,780	(4)*(5)*3(vu)	6,271,020	10,000	5,530,000	11,801,020		nt Chinh
26	Nguyễn Văn Chung	79	112.4	3,780	(4)*(5)*3(vu)	1,274,616	10,000	1,124,000	2,398,616		nt Chung
16	Nguyễn Thị Dung	106	215.9	3,780	(4)*(5)*3(vu)	2,448,306	10,000	2,159,000	4,607,306		nt Dung
8	Nguyễn Thị Giới	125	107.1	3,780	(4)*(5)*3(vu)	1,214,514	10,000	1,071,000	2,285,514		nt giới
25	Nguyễn Thị Hòa	76	67.1	3,780	(4)*(5)*3(vu)	760,914	10,000	671,000	1,431,914		nt Hòa
21	Nguyễn Thị Hoàn(Củ)	68	43.2	3,780	(4)*(5)*3(vu)	489,888	10,000	432,000	921,888		nt Hoàn
2	Nguyễn Văn Hời	103+132	284.3	3,780	(4)*(5)*3(vu)	3,223,962	10,000	2,843,000	6,066,962		nt Hời
19	Nguyễn Văn Hùng		93.5	3,780	(4)*(5)*3(vu)	1,060,290	10,000	935,000	1,995,290		nt Hùng
15	Triệu Thị Liệu	108+118	102.2	3,780	(4)*(5)*3(vu)	1,158,948	10,000	1,022,000	2,180,948		nt Liệu
30	Nguyễn Thị Loan	108	171.4	3,780	(4)*(5)*3(vu)	1,943,676	10,000	1,714,000	3,657,676		nt Loan
9	Phạm Thị Lý	127	308.6	3,780	(4)*(5)*3(vu)	3,499,524	10,000	3,086,000	6,585,524		nt Phạm Thị Lý
12	Nguyễn Thị Mão	120+121	398.3	3,780	(4)*(5)*3(vu)	4,516,722	10,000	3,983,000	8,499,722		nt Mão
3	Nguyễn Thị Minh	133	323	3,780	(4)*(5)*3(vu)	3,662,820	10,000	3,230,000	6,892,820		nt Minh
27	Nguyễn Thị Nhị	90	38	3,780	(4)*(5)*3(vu)	430,920	10,000	380,000	810,920		nt Nhị
22	Đinh Thị Nhung	69	66.9	3,780	(4)*(5)*3(vu)	758,646	10,000	669,000	1,427,646		nt Nhung
14	Nguyễn Thị Nu	109	104.5	3,780	(4)*(5)*3(vu)	1,185,030	10,000	1,045,000	2,230,030		nt Nu
17	Nguyễn Thị Phi	105	183.6	3,780	(4)*(5)*3(vu)	2,082,024	10,000	1,836,000	3,918,024		nt Phi
23	Nguyễn Văn Quang	70+110	130	3,780	(4)*(5)*3(vu)	1,474,200	10,000	1,300,000	2,774,200		nt Quang

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Hộp Nhè - Khu 10 - Xã Phú Ninh (Km56+600)

TT	Chủ sử dụng	Số thửa	Diện tích (m2)	Đền bù hoa màu lúa			Hót đất xô bồi và cải tạo		Tổng cộng (đồng)	Loại ảnh hưởng
				Đơn giá (đồng)	Cách tính	Thành tiền (đồng)	Đơn giá (đồng)	Thành tiền (đồng)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
28	Nguyễn Thị Sâm(Vĩnh)	81	28.8	3,780	(4)*(5)*3(vu)	326,592	10,000	288,000	614,592	nt <i>Vĩnh</i>
1	Nguyễn Xuân Tào	135	408.4	3,780	(4)*(5)*3(vu)	4,631,256	10,000	4,084,000	8,715,256	nt <i>Tào</i>
31	Nguyễn Thị Thanh	107+108	292	3,780	(4)*(5)*3(vu)	3,311,280	10,000	2,920,000	6,231,280	nt <i>Thanh</i>
20	Nguyễn Thị thanh Thúy	67	26.6	3,780	(4)*(5)*3(vu)	301,644	10,000	266,000	567,644	nt <i>Thúy</i>
7	Trần Thị Thoa(Huệ Hào)	122	125.6	3,780	(4)*(5)*3(vu)	1,424,304	10,000	1,256,000	2,680,304	nt <i>Thoa</i>
13	Trần Minh Thông	107	389.7	3,780	(4)*(5)*3(vu)	4,419,198	10,000	3,897,000	8,316,198	nt <i>Thông</i>
11	Nguyễn Thị Tính	123+119	203	3,780	(4)*(5)*3(vu)	2,302,020	10,000	2,030,000	4,332,020	nt <i>Tính</i>
18	Nguyễn Văn Triền	103	29.5	3,780	(4)*(5)*3(vu)	334,530	10,000	295,000	629,530	nt <i>Triền</i>
24	Nguyễn Thị Tư	74	194.4	3,780	(4)*(5)*3(vu)	2,204,496	10,000	1,944,000	4,148,496	nt <i>Tư</i>
32	Nguyễn Văn Tuấn(Mên)	105	113	3,780	(4)*(5)*3(vu)	1,281,420	10,000	1,130,000	2,411,420	nt <i>mên</i>
29	Nguyễn Thị Văn(Lường)	106	82.4	3,780	(4)*(5)*3(vu)	934,416	10,000	824,000	1,758,416	nt <i>Văn</i>
5	Nguyễn Văn Xuyên	130	310	3,780	(4)*(5)*3(vu)	3,515,400	10,000	3,100,000	6,615,400	nt <i>Xuyên</i>
6	Nguyễn Văn Xuyên(Hoa tại)	134	329.2	3,780	(4)*(5)*3(vu)	3,733,128	10,000	3,292,000	7,025,128	nt <i>Xuyên</i>
Tổng			5950.9						126,992,206	

ĐẠI DIỆN UBND XÃ PHÚ NINH

ĐẠI DIỆN NHÀ THẦU POSCO

ĐẠI DIỆN ĐƠN VỊ THI CÔNG

Khánh Văn Cường
CHỦ HỢP

Nguyễn Văn Cường
CHỦ HỢP

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**DANH SÁCH ĐÈN BÙ CÁC HỘ BỊ NGẬP ÚNG
KHU NHÀ TRANG (Khu 9+13) - KM55+300**

STT	Họ và tên	Diện tích (m2)	Số thửa	Đền bù hoa màu lúa			Cải tạo đất		Tổng cộng	Tình trạng ảnh hưởng	Ký N/A
				Đơn giá hỗ trợ (đ/m2)	Cách Tính	Thành tiền (đ)	Đơn giá (đ/m2)	Thành tiền (đ)			
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
1	Nguyễn Xuân Đài	252.9	293	3780	(B)*(D)*6 (vu)	5,735,772			5,735,772	Ngập không cấy được	Đài
2	Nguyễn Quang Hiền	121	111-4	3780	(B)*(D)*6 (vu)	2,744,280			2,744,280	nt	Hiền
3	Nguyễn Mạnh Hoa	232.2	297	3780	(B)*(D)*6 (vu)	5,266,296			5,266,296	nt	Hoa
4	Nguyễn Văn Khang	91	111-3	3780	(B)*(D)*6 (vu)	2,063,880			2,063,880	nt	Khang
5	Nguyễn Đăng Khoa	178.8	195+290	3780	(B)*(D)*6 (vu)	4,055,184			4,055,184	nt	Khoa
6	Nguyễn Đăng Khôi	56.5	305	3780	(B)*(D)*6 (vu)	1,281,420			1,281,420	nt	Khôi
7	Nguyễn Quang Linh	73.9		3780	(B)*(D)*40%*6	670,421	5,000	295,600	966,021	Bồi nhẹ vẫn cấy được	Linh
8	Nguyễn Xuân Lộc	43.6	289	3780	(B)*(D)*6 (vu)	988,848			988,848	Ngập không cấy được	Lộc
9	Trình Văn Long	252.1	291+292	3780	(B)*(D)*6 (vu)	5,717,628			5,717,628	nt	Long
10	Nguyễn Văn Minh	100	201	3780	(B)*(D)*40%*6	907,200	5,000	400,000	1,307,200	Bồi nhẹ vẫn cấy được	Minh
11	Nguyễn Văn Mộc	512.4	313+298+301	3780	(B)*(D)*6 (vu)	11,621,232			11,621,232	Ngập không cấy được	Mộc
12	Nguyễn Thị Nhât	120		3780	(B)*(D)*40%*6	1,088,640	5,000	480,000	1,568,640	Bồi nhẹ vẫn cấy được	Nhât
13	Nguyễn Thị Kim Phượng	50.9		3780	(B)*(D)*40%*6	461,765	5,000	203,600	665,365	Bồi nhẹ vẫn cấy được	Phượng
14	Nguyễn Văn Sang	102.2		3780	(B)*(D)*6 (vu)	2,317,896			2,317,896	nt	Sang
15	Triệu Văn Sáu	132.9	307	3780	(B)*(D)*6 (vu)	3,014,172			3,014,172	nt	Sáu
16	Nguyễn Ngọc Sơn	67.4	302	3780	(B)*(D)*6 (vu)	1,528,632			1,528,632	nt	Sơn
17	Trần Văn Tam	162.9	294	3780	(B)*(D)*6 (vu)	3,694,572			3,694,572	nt	Tam
18	Nguyễn Tấn Thắng	444.4	308+300	3780	(B)*(D)*6 (vu)	10,078,992			10,078,992	nt	Thắng
19	Nguyễn Hùng Tiến	312		3780	(B)*(D)*6 (vu)	7,076,160			7,076,160	nt	Tiến
20	Nguyễn Văn Tuấn	30.9		3780	(B)*(D)*6 (vu)	700,812			700,812	nt	Tuấn
Tổng :		3,338							72,492,002		

ĐẠI DIỆN UBND XÃ PHÚ NINH

ĐẠI DIỆN NHÀ THẦU POSCO

ĐẠI DIỆN ĐƠN VỊ THI CÔNG

CỔ PHẦN
TẬP ĐOÀN
TGT

CHỦ HỢP
Khuất Văn Quang

Trưởng Công

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**DANH SÁCH ĐÈN BÙ CÁC HỘ BỊ NGẬP ÚNG VÀ XỔ BÓI ĐẤT
KHU GIỀNG NỬA (khu 9) - Km54+600 (IC08)**

STT	Họ và tên	Diện tích (m2)	Số thửa	Đền bù hoa màu lúa			Hót xổ bồi và cải tạo đất		Tổng cộng	Tình Trạng ảnh hưởng	Ký Nhận
				Đơn giá (D)	Cách tính (E)	Thành Tiền (đ)	Đơn giá (đ/m2)	Thành Tiền (đ)			
	(A)	(B)	(C)			(F)	(G)	(H)=(G)*(B)	(G)=(F)+(H)	(I)	
1	Bùi Văn	Cần	137.2	230,583	3780 (B)*(D)*5 (vụ)	2,593,080	10,000	1,372,000	3,965,080	Bồi không cây được	Sen
2	Triệu Thị	Cây	151.3	135,166	3780 (B)*(D)*5 (vụ)*40%	1,143,828			1,143,828	Ngập ảnh hưởng năng suất	Cây
3	Khuất Văn	Chĩnh	160	98,97	3780 (B)*(D)*5 (vụ)*40%	1,209,600			1,209,600	Ngập ảnh hưởng năng suất	Chĩnh
4	Khuất Tiến	Chữ	129.1	233,191,469	3780 (B)*(D)*5 (vụ)	2,439,990	10,000	1,291,000	3,730,990	Bồi không cây được	Chữ
5	Trần Đình	Chữ	182.5	258,171	3780 (B)*(D)*5 (vụ)*40%	1,379,700			1,379,700	Ngập ảnh hưởng năng suất	Cĩnh
6	Trần Văn	Chung	45		3780 (B)*(D)*5 (vụ)*40%	340,200			340,200	nt	Chung
7	Trần Đình	Đạo	30	98-3	3780 (B)*(D)*5 (vụ)*40%	226,800			226,800	nt	Đạo
8	Bùi Văn	Đệ	364	93-2	3780 (B)*(D)*5 (vụ)*40%	2,751,840			2,751,840	nt	Đệ
9	Trần Văn	Đồng	40	98-1	3780 (B)*(D)*5 (vụ)*40%	302,400			302,400	nt	Đồng
10	Nguyễn Văn	Đồng	85	256	3780 (B)*(D)*5 (vụ)*40%	642,600			642,600	nt	Đồng
11	Nguyễn Văn	Du	142	43,136-1	3780 (B)*(D)*5 (vụ)*40%	1,073,520			1,073,520	nt	Du
12	Nguyễn Hữu	Dụ	520	94,46	3780 (B)*(D)*5 (vụ)*40%	3,931,200			3,931,200	nt	Dụ
13	Trần Thị	Đức	30		3780 (B)*(D)*5 (vụ)*40%	226,800			226,800	nt	Đức
14	Nguyễn Thị	Duyên	50		3780 (B)*(D)*5 (vụ)*40%	378,000			378,000	nt	Duyên
15	Kiều Thị	Hành	86	188	3780 (B)*(D)*5 (vụ)*40%	650,160			650,160	nt	Hành
16	Nguyễn Văn	Hào	60	40	3780 (B)*(D)*5 (vụ)*40%	453,600			453,600	nt	Hào
17	Lê Đức	Hiếu	238	106-1,46-8	3780 (B)*(D)*5 (vụ)*40%	1,799,280			1,799,280	nt	Hiếu
18	Nguyễn Thị	Hoa	373.9	214,250,249	3780 (B)*(D)*5 (vụ)*40%	2,826,684			2,826,684	nt	Hoa
19	Trần Thị	Hoa	278.2	175,34-1	3780 (B)*(D)*5 (vụ)*40%+(240*3780)+(38.2*3780)	4,752,594	10,000	2,400,000	7,152,594	240 bồi không cây được	Hoa
20	Nguyễn Văn	Hòa	286.3	255,205	3780 (B)*(D)*5 (vụ)*40%	2,164,428			2,164,428	Ngập ảnh hưởng năng suất	Hòa

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**DANH SÁCH ĐỀN BÙ CÁC HỌ BỊ NGẬP ÚNG VÀ XÔ BÓI ĐẤT
KHU GIỀNG NỬA (khu 9) - Km54+600 (IC08)**

STT	Họ và tên		Diện tích (m2)	Số thửa	Đền bù hoa màu lúa		Hết xô bồi và cải tạo đất		Tổng cộng	Tình Trạng ảnh hưởng	Ký Nhận	
					Đơn giá	Cách tính	Thành Tiền (đ)	Đơn giá (đ/m2)				Thành Tiền (đ)
21	Khuất Văn	Hội	143.3	143	3780	(B)*(D)*5 (vụ)*40%	1,083,348	5,000	1,083,348	✓ nt	KA	
22	Triệu Quang	Huân	45	213	3780	(B)*(D)*5 (vụ)*40%	340,200		340,200	✓ nt	Toàn	
23	Khuất Văn	Hùng	489.9	19,352.94	3780	(B)*(D)*5 (vụ)*40%	3,703,644	10,000	4,899,000	8,602,644	Bồi không cây được ✕	Đặng
24	Khuất Văn	Huy	457.6	16-1	3780	(B)*(D)*5 (vụ)*40%	3,459,456		3,459,456	Ngập ảnh hưởng năng suất	Đặng	
25	Bùi Văn	Huỳnh	262	092-1	3780	(B)*(D)*5 (vụ)*40%	1,980,720		1,980,720	nt	✓ Đuỳn	
26	Nguyễn Thị	Kẻ	181.4	482	3780	(B)*(D)*5 (vụ)*40%	1,371,384		1,371,384	nt	✕ Đe'	
27	Bùi Văn	Kiểm	26		3780	(B)*(D)*5 (vụ)*40%	196,560		196,560	nt	✕ Kiem	
28	Khuất Thị	Kính	52.6	200	3780	(B)*(D)*5 (vụ)*40%	397,656		397,656	nt	✕ Kính	
29	Triệu Văn	Lộc	876	107-2,100-2	3780	(B)*(D)*5 (vụ)*40%	6,622,560	10,000	5,000,000	11,622,560	Thửa 102-2 bồi k cây được	Đo
30	Trần Thị	Lương	240		3780	*30%*5(vụ)	4,006,800	10,000	2,400,000	6,406,800	40m ngập-200m ko cây d	Túc
31	Nguyễn Văn	Lý	40		3780	(B)*(D)*5 (vụ)*40%	302,400		302,400	Ngập ảnh hưởng năng suất	nguyễn văn lý	
32	Trần Văn	Lý	120		3780	(B)*(D)*5 (vụ)*40%	907,200		907,200	nt	✓ lý	
33	Khuất Văn	Lý	372	100-1,98-2	3780	(B)*(D)*5 (vụ)*40%	2,812,320		2,812,320	nt	✓ Lý	
34	Trần Văn	Năm	514.4	172,239,306	3780	(B)*(D)*5 (vụ)*40%	3,888,864		3,888,864	nt	✓ Năm	
35	Khuất Tiên	Nghĩa	54.8	191,260	3780	(B)*(D)*5 (vụ)*40%	414,288		414,288	nt	✓ Nghĩa	
36	Trần Thị	Nhất	84.3	163,202	3780	(B)*(D)*5 (vụ)*40%	637,308		637,308	nt	✓ Nhất	
37	Nguyễn Thị Thanh	Nhiên	12		3780	(B)*(D)*5 (vụ)*40%	90,720		90,720	nt	✓ Nguyễn Thanh	
38	Nguyễn Thị	Phong	143.5	268	3780	(B)*(D)*5 (vụ)*40%	1,084,860		1,084,860	nt	✓ Phong	
39	Trần Thị	Phượng	240		3780	(B)*(D)*5 (vụ)	4,536,000	10,000	2,400,000	6,936,000	Bồi không cây được ✓	Trần Thị phượng
40	Khuất Kim	Phượng	100	104-1	3780	(B)*(D)*5 (vụ)*40%	756,000		756,000	Ngập ảnh hưởng năng suất	Đe	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**DANH SÁCH ĐỀN BÙ CÁC HỘ BỊ NGẬP ÚNG VÀ XỔ BỐI ĐẤT
KHU GIỀNG NỨA (khu 9) - Km54+600 (IC08)**

STT	Họ và tên		Diện tích (m2)	Số thửa	Đền bù hoa màu lúa			Hót xổ bãi và cải tạo đất		Tổng cộng	Tình Trạng ảnh hưởng	Ký Nhận
					Đơn giá	Cách tính	Thành Tiền (đ)	Đơn giá (đ/m2)	Thành Tiền (đ)			
41	Trần Văn	Quang	363.7	223,148	3780	$\frac{(306.1 \times 3780) + (57 \times 3780)}{80} \times 30\% \times 5 (vụ)$	4,886,784	10,000	3,637,000	8,523,784	306.1 Bồi không cấy được	Lưu
42	Bùi Văn	Quế	1370		3780	$(B) \times (D) \times 5 (vụ)$	20,714,400	10,000	13,700,000	34,414,400	Bồi không cấy được	Quế
43	Triệu Văn	Sáu	14.6	212	3780	$(B) \times (D) \times 5 (vụ) \times 40\%$	110,376			110,376	Ngập ảnh hưởng năng suất	Sáu
44	Khuất Văn	Sự	22.3	185	3780	$(B) \times (D) \times 5 (vụ) \times 40\%$	168,588			168,588	nt	Sự
45	Trần Thị	Tam	130.8	251,182-1	3780	$(B) \times (D) \times 5 (vụ) \times 40\%$	988,848			988,848	nt	Tam
46	Trần Minh	Thông	35	182-2	3780	$(B) \times (D) \times 5 (vụ) \times 40\%$	264,600			264,600	nt	Thông
47	Bùi Xuân	Thường	524.4	237,174	3780	$(B) \times (D) \times 5 (vụ) \times 40\%$	3,964,464	10,000	5,244,000	9,208,464	Bồi không cấy được	Thường
48	Bùi Văn	Thủy	25.4	208	3780	$(B) \times (D) \times 5 (vụ) \times 40\%$	192,024			192,024	Ngập ảnh hưởng năng suất	Thủy
49	Nguyễn Xuân	Tiền	386.3	247,162	3780	$(B) \times (D) \times 5 (vụ) \times 40\%$	2,920,428			2,920,428	nt	Tiền
50	Nguyễn Thanh	Trà	622.8	102	3780	$(B) \times (D) \times 5 (vụ)$	11,770,920	10,000	6,228,000	17,998,920	Bồi không cấy được	TRÀ
51	Kiều Thị	Vinh	215	105-2	3780	$(B) \times (D) \times 5 (vụ) \times 40\%$	1,625,400			1,625,400	Ngập ảnh hưởng năng suất	Vinh
52	Trần Văn	Vụ	30	98-2	3780	$(B) \times (D) \times 5 (vụ) \times 40\%$	226,800			226,800	nt	Vụ
53	Nguyễn Văn	Xuân	458	41-1.98-9	3780	$(B) \times (D) \times 5 (vụ) \times 40\%$	3,462,480			3,462,480	nt	Xuân
			12,042				121,174,704		48,571,000	169,745,704		

ĐẠI DIỆN UBND XÃ PHÚ NINH

ĐẠI DIỆN NHÀ THẦU POSCO

ĐẠI DIỆN ĐƠN VỊ THI CÔNG

CHỦ TỊCH

Khuất Văn Cường



**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**DANH SÁCH ĐỀN BÙ CÁC HỘ GIA CỐ RUỘNG BỊ NGẬP ỦNG VÀ XÓ BÓI
KHU HỘP HỘ (KHU7) - KM54+130**

STT	Họ và tên	Diện tích(m2)	Số thửa	Đền bù hoa màu lúa, cà			Hớt đất bồi, cải tạo đất		Tổng cộng (đồng)	Tình trạng ảnh hưởng	Ký Nh
				Đơn giá (đ/m2)	Cách Tính	Thành Tiền(đ)	Đơn giá (đ/m2)	Thành Tiền(đ)			
1	Nguyễn Văn Cây	73.3	831	3780	(B)*(D)*3 (vụ)	831.222	9.000		831.222	Xô Bồi nặng, không cây được	Cây
2	Kiểu Xuân Chân	267.8	43+37	3780	(B)*(D)*3 (vụ)	3.036.852			3.036.852	Ngập úng không cây được	Chân
3	Khuất Văn Chí	428	83	3780	(B)*(D)*3 (vụ)	4.853.520	9.000		4.853.520	Xô Bồi nặng, ảnh hưởng năng suất	Chí
4	Triều Ngọc Chính	299.4	14			4.500.000			4.500.000	Ao Ngập	Chính
5	Triều Ngọc Chính	107.2	17	3780	(B)*(D)*3 (vụ)	1.215.648	9.000	964.800	2.180.448	Xô bồi + Ngập úng không cây được	Chính
6	Cường	388	29+30+31	3780	(B)*(D)*3 (vụ)	4.399.920	9.000	3.492.000	7.891.920	Xô bồi + Ngập úng không cây được	Cường
7	Khuất Ngọc Đa	199.2	20+27	3780	(B)*(D)*3 (vụ)	2.258.928			2.258.928	Ngập úng không cây được	Đa
8	Nguyễn Thị Diệu	299.6	178+24	3780	(B)*(D)*3 (vụ)	3.397.464			3.397.464	Ngập úng không cây được	Diệu
9	Nguyễn Thị Định	261.8	45+26	3780	(B)*(D)*3 (vụ)	2.968.812			2.968.812	Ngập úng không cây được	Định
10	Khuất Thị Hậu	39.3	40	3780	(B)*(D)*3 (vụ)	445.662	9.000	353.700	799.362	Xô bồi + Ngập úng	Hậu
11	Khuất Ngọc Hòa	341.1	25	3780	(B)*(D)*3 (vụ)	3.868.074	9.000	3.069.900	6.937.974	Xô bồi + Ngập úng không cây được	Hòa
12	Kiểu Xuân Hưng	299.6	35+39	3780	(B)*(D)*3 (vụ)	3.397.464	9.000	2.696.400	6.093.864	Xô bồi + Ngập úng	Hưng
13	Khuất Đăng Khoa	170.9	19	3780	(B)*(D)*3 (vụ)	1.938.006	9.000	1.538.100	3.476.106	Xô bồi + Ngập úng không cây được	Khoa
14	Khuất Ngọc Khởi	375.1	48	3780	(B)*(D)*3 (vụ)	4.253.634	9.000	3.375.900	7.629.534	Xô bồi + Ngập úng không cây được	Khởi
15	Nguyễn Đức Kiểm	360				5.000.000			5.000.000	Ao Ngập	Kiểm
16	Mỹ	290.7	32	3780	(B)*(D)*3 (vụ)	3.296.538	9.000	810.000	4.106.538	Xô bồi 90m+ Ngập úng	Mỹ
17	Kiểu Xuân Phong	28.5	34	3780	(B)*(D)*3 (vụ)	323.190	9.000	256.500	579.690	Xô bồi + Ngập úng không cây được	Phong
18	Nguyễn Thị Phương	231.4	44+28	3780	(B)*(D)*3 (vụ)	2.624.076			2.624.076	Ngập úng không cây được	Phương
19	Triệu Văn Trung	124.3	36+42	3780	(B)*(D)*3 (vụ)	1.409.562			1.409.562	Ngập úng không cây được	Trung
20	Nguyễn Văn Trọng	550	22+23	3780	(B)*(D)*3 (vụ)	6.237.000	9.000	4.950.000	11.187.000	Xô bồi + Ngập úng không cây được	Trọng
21	Khuất Quang Trung	441.2		3780	(B)*(D)*3 (vụ)	5.003.208	9.000	3.970.800	8.974.008	Xô Bồi nặng, ảnh hưởng năng suất	Trung
22	Khuất Quang Trung	908		3780	(B)*(D)*3 (vụ)	10.296.720	9.000	8.172.000	18.468.720	Xô Bồi nặng, ảnh hưởng năng suất	Trung

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Noi Bai – Lao Cai Highway Project**

KHU HỘ HỒ (KHU 7) - KM54+130

STT	Họ và tên	Diện tích(m ²)	Số thửa	Đền bù hoa màu lúa, cá			Hót đất bồi, cải tạo đất		Tổng cộng (đồng)	Tình trạng ảnh hưởng
				Đơn giá (đ/m ²)	Cách Tính	Thành Tiền(đ)	Đơn giá (đ/m ²)	Thành Tiền(đ)		
23	Trần Ngọc Trường	211.3	33	3780	(B)*(D)*3 (vụ)	2,396,142	9,000	1,901,700	4,297,842	Kê bồi + Ngập úng không cây được
Tổng :		6,696				77,951,642		35,551,800	113,503,442	

ĐẠI DIỆN UBND XÃ PHÙ NINH



CHỦ TỊCH
Khuyết Văn Sơn

ĐẠI DIỆN NHÀ THẦU POSCO

ĐẠI DIỆN ĐƠN VỊ THI CÔNG



TỔNG GIÁM ĐỐC
Vũ Trường Giang

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

DANH SÁCH ĐỀN BÚ CÁC HỘ GIA ĐÌNH BỊ ẢNH HƯỞNG DO BỎ LÃNG ĐẤT
Khu 6 - Xã Phú Ninh - Km53+500

STT	Tên Chủ Hộ	Diện tích	Số thửa	Đền bù hoa màu lúa		Hết bồi cải tạo đất		Tổng cộng	Loại ảnh hưởng	Ký nhận
				Đơn giá (đồng)	Cách tính	Thành Tiền (đồng)	Đơn giá (đồng)	Thành Tiền (đồng)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = (2)*(7)	(9) = (6)+(8)	(11)	
1	Nguyễn Xuân Hùng	124.875		3780	(2)*(4)*4 vụ	1.888.110	10.000	1.248.750	Xô bồi nặng, không cấy được	Hùng
2	Nguyễn Quang Bay	138.75		3780	(2)*(4)*4 vụ	2.097.900	10.000	1.387.500	nt	Bay
3	Nguyễn Văn Minh (Thoa)	20		3780	(2)*(4)*4 vụ	302.400	10.000	200.000	nt	Minh
4	Ngô Thị Tị	469.2		3780	(2)*(4)*4 vụ	7.094.304	10.000	4.692.000	nt	Tị
5	Ngô Xuân Hôn	280.78		3780	(2)*(4)*4 vụ	4.245.394	10.000	2.807.800	nt	Hôn
6	Ngô Văn Viên	367.2		3780	(2)*(4)*4 vụ	5.552.064	10.000	3.672.000	nt	Viên
7	Nguyễn Thị Thương (Đường)	403		3780	(2)*(4)*4 vụ	6.093.360	10.000	4.030.000	nt	Thương
8	Khuất Thị Vân	163.2		3780	(2)*(4)*4 vụ	2.467.584	10.000	1.632.000	nt	Vân
9	Nguyễn Văn Liễn	154		3780	(2)*(4)*4 vụ	2.328.480	10.000	1.540.000	nt	Liễn
10	Nguyễn Văn Huân	272		3780	(2)*(4)*4 vụ	4.116.600	10.000	2.720.000	nt	Huân
11	Nguyễn Văn Anh	487.5		3780	(2)*(4)*4 vụ	7.371.000	10.000	4.875.000	nt	Anh
12	Nguyễn Văn Soạn	504		3780	(2)*(4)*4 vụ	7.620.480	10.000	5.040.000	nt	Soạn
13	Lương Duyên	157.3		3780	(2)*(4)*4 vụ	2.378.376	10.000	1.573.000	nt	Duyên
14	Ông Chanh < Lai >	304.5		3780	(2)*(4)*4 vụ	4.604.040	10.000	3.045.000	nt	Chanh
15	Ngô Văn Viên	15		3780	(2)*(4)*4 vụ	226.800	10.000	150.000	nt	Viên
16	Nguyễn Thị Hương (Chương)	120.75		3780	(2)*(4)*4 vụ	1.825.740	10.000	1.207.500	nt	Hương
17	Quyết Luyện	240.5		3780	(2)*(4)*4 vụ	3.636.360	10.000	2.405.000	nt	Luyện
18	Cao Hà	299		3780	(2)*(4)*4 vụ	4.520.880	10.000	2.990.000	nt	Hà
19	Trình Hải	159.5		3780	(2)*(4)*4 vụ*40%	964.656	5.000	797.500	Anh hưởng Nhẹ, 40% năng suất	Hải
20	Trình Nhở	340.75		3780	(2)*(4)*4 vụ*40%	2.060.856	5.000	1.703.750	nt	Nhở

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

STT	Tên Chủ Hộ	Diện tích	Số thửa	Đơn giá (đồng)	Cách tính	Thành Tiền (đồng)	Đơn giá (đồng)	Thành Tiền (đồng)	Tổng cộng	Loại ảnh hưởng	Ký nhận
21	Nam Yên	261		3780	$(2) \times (4) \times 4 \text{ vụ} \times 40\%$	1,578,528	5,000	1,305,000	2,883,528	nt	<i>Minh Tuấn</i>
22	Bà Tĩnh	154		3780	$(2) \times (4) \times 4 \text{ vụ} \times 40\%$	931,392	5,000	770,000	1,701,392	nt	<i>Phùng</i>
23	Hương Trinh	290.55		3780	$(2) \times (4) \times 4 \text{ vụ} \times 40\%$	1,757,246	5,000	1,452,750	3,209,996	nt	<i>chúng</i>
24	Hương Trinh	67.05		3780	$(2) \times (4) \times 4 \text{ vụ} \times 40\%$	405,518	5,000	335,250	740,768	nt	
	TỔNG CỘNG	5,690.4							125,034,428		

ĐẠI DIỆN UBND XÃ PHÚ NINH

ĐẠI DIỆN NHÀ THẦU POSCO

127.643

ĐẠI DIỆN ĐƠN VỊ THI CÔNG

[Signature]
CHỦ TỊCH
Khuất Văn Trọng

[Signature]
TỔNG GIÁM ĐỐC
Vũ Trường Giang

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

2 At Ha Thach commune

CÔNG TY TNHH
LONG VƯƠNG

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập – Tự do – Hạnh phúc

Hà Thạch, ngày 27 tháng 07 năm 2013

BIÊN BẢN THANH TOÁN

Các hộ dân có diện tích đất và hoa màu bị ngập úng, xô sạt năm 2013 tại
xã Hà Thạch – thị xã Phú Thọ

Hôm nay, ngày 27 tháng 07 năm 2013. Tại xã Hà Thạch, thị xã Phú Thọ. Chúng tôi gồm:

I. Đại diện đơn vị thi công đường cao tốc Nội Bài – Lào Cai.

Công ty TNHH Long Vương

1. Ông (Bà) Trịnh Thị Hiền
2. Ông (Bà) Đỗ Ngọc Cường

II. Đại diện UBND xã Hà Thạch

1. Hà Thị Hằng Đảng PCT UBND xã Hà Thạch
2. Lê Văn Phúc Đảng Phó PCT
3. Lê Văn Hòa Đảng T. Khu 15
4. Nguyễn Quang Trung Đảng T. Khu 8
5. Lê Văn Long Đảng T. Khu 9
6. Nguyễn Ngọc Phan T. Khu 7

Các bên thống nhất nội dung làm việc như sau:

Căn cứ Danh sách ngày 26/02/2013 do UBND xã Hà Thạch lập về việc Các hộ dân có diện tích đất và hoa màu bị ngập úng, xô sạt năm 2013.

Hôm nay, Công ty TNHH Long Vương tiến hành chi trả tiền hỗ trợ diện tích đất và hoa màu bị ngập úng, xô sạt năm 2013 cho các hộ dân có diện tích bị thiệt hại năm 2013 tại xã Hà Thạch theo như danh sách kèm theo. Tổng số tiền chi trả: 52.233.930 (Năm mươi hai triệu, hai trăm ba mươi ba nghìn, chín trăm ba mươi đồng)

Sau khi nhận đủ tiền, Đề nghị các hộ dân bàn giao lại toàn bộ mặt bằng và không gây cản trở để đơn vị có mặt bằng thi công, không ảnh hưởng đến tiến độ Dự án.

Xác nhận của UBND xã Hà Thạch

Công ty TNHH Long Vương

Lê Văn Lợi
Lê Văn Lợi

Nguyễn Ngọc Phan
Nguyễn Ngọc Phan

Đỗ Ngọc Cường
Đỗ Ngọc Cường

Trần Thị Lâm
Trần Thị Lâm

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc Lập - Tự Do - Hạnh Phúc

DANH SÁCH

Các hộ dân có diện tích, số tiền đề nghị được hỗ trợ hoa màu bị ngập úng, xô sạt
Dự án đường cao tốc Nội Bài - Lào Cai (Xã Hà Thạch - Thị xã Phú Thọ) năm 2013

(Kèm theo Quyết định số 192/QĐ-UBND ngày 24/01/2013 của UBND tỉnh Phú Thọ,
về việc công bố giá bình quân các loại nông sản trên địa bàn tỉnh Phú Thọ và công văn số 50/CV-UBND xã Hà
Thạch, ngày 04/09/2012)

STT	Họ và Tên	Địa chỉ	Diện tích (m2)	Đơn giá	% Hỗ trợ	Thành tiền	Mục đích sử dụng	Ký nhận
I	Khu 3		650	4.140	50	1.345.500		
1	Trần Văn Mão	3	650	4.140	50	1.345.500	Đất sản	
II	Khu 4		600	4.140	50	1.242.000		
1	Nguyễn Văn Sinh	4	600	4.140	50	1.242.000	Đất sản	
III	Khu 7		850	4.140	50	1.759.500		
	Nguyễn Thị Thu Hương	7	850	4.140	50	1.759.500	Đất sản	
IV	Khu 8		2.653	3.780	50	5.014.170		
1	Nguyễn Văn Nhan	8	345	3.780	50	652.050	Đất lúa	
2	Nguyễn Văn Tuyên	8	465	3.780	50	878.850	Đất lúa	
3	Nguyễn Xuân Hòa	8	375	3.780	50	708.750	Đất lúa	
4	Lê Thị Quang	8	265	3.780	50	500.850	Đất lúa	
5	Nguyễn Văn Vỹ	8	401	3.780	50	757.890	Đất lúa	
6	Nguyễn Văn Giáp	8	432	3.780	50	816.480	Đất lúa	
7	Phạm Văn Nghiêm	8	370	3.780	50	699.300	Đất lúa	
V	Khu 9		7.288	3.780	50	13.774.320		
1	Trần Văn Sơn	9	517	3.780	50	977.130	Đất lúa	
2	Lê Thị Uy	9	441	3.780	50	833.490	Đất lúa	
3	Nguyễn Thị Luyện	9	480	3.780	50	907.200	Đất lúa	
4	Phạm Thị Lại	9	500	3.780	50	945.000	Đất lúa	
5	Phạm Thị Nga	9	480	3.780	50	907.200	Đất lúa	
6	Lê Kim Nhị	9	500	3.780	50	945.000	Đất lúa	
7	Vũ Bá Lập	9	480	3.780	50	907.200	Đất lúa	
8	Nguyễn Văn Võ	9	300	3.780	50	567.000	Đất lúa	
9	Nguyễn Thị Nua	9	312	3.780	50	589.680	Đất lúa	
10	Lê Quang Thành	9	660	3.780	50	1.247.400	Đất lúa	
11	Trần Thị Nhã	9	240	3.780	50	453.600	Đất lúa	
12	Trần Thị Tinh	9	216	3.780	50	408.240	Đất lúa	
13	Nguyễn Văn Tài	9	392	3.780	50	740.880	Đất lúa	
14	Trần Thị Định	9	480	3.780	50	907.200	Đất lúa	
15	Ngô Mạnh Hải	9	645	3.780	50	1.219.050	Đất lúa	
16	Lê Kim Tron	9	645	3.780	50	1.219.050	Đất lúa	
VI	Khu 10		12.186	3.780	50	23.031.540		
1	Lê Văn Thực	10	566	3.780	50	1.069.740	Đất lúa	

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

	Lê Vinh Huy	10	764	3.780	50	1.443.960	Đất lúa	Thủy
	Trần Thị Thục	10	307	3.780	50	580.230	Đất lúa	THUỖ
4	Nguyễn Thị Thiết	10	306	3.780	50	578.340	Đất lúa	BRI
5	Lê Kim San	10	301	3.780	50	568.890	Đất lúa	THUỖ
6	Lê Như Kỳ	10	279	3.780	50	527.310	Đất lúa	THUỖ
7	Lê Như Giáp	10	362	3.780	50	684.180	Đất lúa	THUỖ
8	Lê Văn Nhân	10	360	3.780	50	680.400	Đất lúa	THUỖ
9	Lê Văn Chung	10	80	3.780	50	151.200	Đất lúa	THUỖ
10	Lê Quang Mạnh	10	560	3.780	50	1.058.400	Đất lúa	THUỖ
11	Lê Văn Hỷ	10	556	3.780	50	1.050.840	Đất lúa	THUỖ
12	Lê Văn Thịnh	10	770	3.780	50	1.455.300	Đất lúa	THUỖ
13	Lê Văn Thắm	10	694	3.780	50	1.311.660	Đất lúa	THUỖ
14	Lê Văn Thọ (Chức)	10	628	3.780	50	1.186.920	Đất lúa	THUỖ
15	Lê Thị Oanh (Hải)	10	980	3.780	50	1.852.200	Đất lúa	THUỖ
16	Lê Công Ký	10	371	3.780	50	701.190	Đất lúa	THUỖ
17	Trần Văn Kiểm	10	1.265	3.780	50	2.390.850	Đất lúa	THUỖ
18	Lê Thị San	10	521	3.780	50	984.690	Đất lúa	THUỖ
19	Lê Văn Thi	10	700	3.780	50	1.323.000	Đất lúa	THUỖ
20	Lê Văn Dương	10	292	3.780	50	551.880	Đất lúa	THUỖ
21	Nguyễn Thị Mân	10	414	3.780	50	782.460	Đất lúa	THUỖ
22	Trần Đức Huyền	10	210	3.780	50	396.900	Đất lúa	THUỖ
23	Trần Ngọc Thành	10	194	3.780	50	366.660	Đất lúa	THUỖ
24	Lê Thị Phúc	10	368	3.780	50	695.520	Đất lúa	THUỖ
25	Trần Thị Văn	10	338	3.780	50	638.820	Đất lúa	THUỖ
VII	Khu 15		3.210	3.780	50	6.066.900		
1	Trần Ngọc Bách	15	500	3.780	50	945.000	Đất lúa	Bách
2	Nguyễn Văn Chí	15	120	3.780	50	226.800	Đất lúa	Chí
3	Trần Ngọc Bích	15	150	3.780	50	283.500	Đất lúa	Bích
4	Lê Văn Toàn	15	600	3.780	50	1.134.000	Đất lúa	Toàn
5	Lê Văn Thuật	15	700	3.780	50	1.323.000	Đất lúa	Thuật
6	Nguyễn Văn Thu	15	340	3.780	50	642.600	Đất lúa	Thu
7	Vì Văn Chính	15	800	3.780	50	1.512.000	Đất lúa	Chính
	Tổng Cộng		27.437			52.233.930		

CÔNG TY TNHH LONG VƯƠNG

Tính thị kim

Hà Thạch, ngày 26 tháng 02 năm 2013

UBND XÃ HÀ THẠCH
HÀ THẠCH

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**



CÔNG TY
TNHH LONG VƯƠNG

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc

GIẤY ĐỀ NGHỊ THANH TOÁN

Kính gửi: Giám đốc Công ty TNHH Long Vương.

Tên tôi là: Trần Văn Tuấn
Địa chỉ: P. Kế Tân
Đề nghị duyệt chi số tiền là: 24.676.756 Bằng chữ: Hai mươi bốn triệu sáu trăm bảy mươi sáu ngàn bảy trăm năm mươi sáu đồng
Nội dung chi: Chi trả tiền bồi thường đất đai, xây dựng, canh tác bị mất đất đai, xã hội
đất đai, xã hội

GIÁM ĐỐC

KẾ TOÁN TRƯỞNG

KẾ TOÁN THANH TOÁN

Ngày 01 tháng 01 năm 2012.

NGƯỜI ĐỀ NGHỊ

Trần Văn Tuấn

Đơn vị:

Địa chỉ:

PHIẾU CHI

Ngày 01 tháng 01 năm 2012

Quyển số:

Số:

Nợ:

Có:

Mẫu số 02 - TT
QĐ số 15/2006/QĐ-BTC
ngày 20 tháng 3 năm 2006
của Bộ trưởng Bộ Tài chính

Họ tên người nhận tiền: Trần Văn Tuấn

Địa chỉ: P. Kế Tân

Lý do chi: Chi trả tiền bồi thường đất đai, xây dựng, canh tác bị mất đất đai, xã hội

Số tiền: 24.676.756 (Viết bằng chữ)

Kèm theo: Chứng từ gốc

Đã nhận đủ số tiền (viết bằng chữ)

Giám đốc
(Ký, họ tên, đóng dấu)

Kế toán trưởng
(Ký, họ tên)

Thủ quỹ
(Ký, họ tên)

Ngày 01 tháng 01 năm 2012
Người lập phiếu
(Ký, họ tên)

Người nhận tiền
(Ký, họ tên)

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Cộng hòa xã hội chủ nghĩa Việt nam
Độc lập – Tự do – Hạnh phúc

BIÊN BẢN LÂM VIỆC

Hôm nay ngày 28/8/2012. Lúc 08 giờ
Tại nhà văn hóa thôn 10 - xã Hòa Thạch - TX Phú Thọ - Phú Thọ
Đã thành phần làm việc gồm có:

+ UBND Chi xã Phú Thọ:
1/ Ông: Phan Văn Chung: Phó Tổng CA Chi xã Phú Thọ
2/ Ông: Nguyễn Khắc Cường: Phó Ban Kinh tế - xã và
tài chính của Chi xã Phú Thọ

+ UBND xã Hòa Thạch:
1/ Ông: Hoàng Kim Chung: Chủ tịch UBND xã Hòa Thạch
2/ Bà: Hà Thị Hồng Dung: Phó CT - UBND xã
3/ Ông: Dũng Văn Dũng: Chủ tịch CA xã Hòa Thạch
4/ Ông: Trần Thế Cường: Trưởng CA xã Hòa Thạch
5/ Ông: Hà Minh Tuấn: Chủ tịch TP xã - Cựu binh
+ Công ty trách nhiệm hữu hạn Long Vương:
1/ Ông: Lương Xuân Ba: Phó giám đốc CTY TNHH Long Vương
2/ Bà: Đinh Thị Kim Lê: Kế toán công ty

+ Nhóm dân cư số 10 - xã Hòa Thạch:
1/ Ông: Lê Văn Phú: Trưởng thôn 10
2/ Ông: Trần Ngọc Thành: Phó trưởng thôn 10
+ Các hộ nhân dân thôn 10 bị thiệt hại do đất sạt
+ Tổng số: 25 hộ
- Có mặt đủ hợp: 19 hộ

Tồn đọng:
UBND xã Hòa Thạch phối hợp với công ty TNHH Long Vương
(Đón và thi công đường Cao tốc Nội Bài - Lào Cai, đoạn qua
xã Hòa Thạch) để xử lý việc của UBND Chi xã Phú Thọ
cùng với các hộ dân thôn 10 bị thiệt hại do đất sạt đường Cao tốc
Số sạt vùng đất canh tác, lúa cấy của nhân dân.

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- Yêu cầu đơn vị thi công bồi thường 05 (năm) vụ canh tác do đất bị không cấy lúa được. Còn 08 hộ bị đất bị sạt lấp đầy ruộng, đề nghị cơ quan giải quyết để nhân dân tiếp tục canh tác, các hộ ít bị sạt thì bồi thường như thế nào để bà con khai phục.
- + Ông: Lương Xuân Bả: Phó giám đốc công ty TNHH Long Vương, có ý kiến: Công ty ông nhất trí bồi thường cho các hộ bị sạt 02 (hai) vụ. Các hộ bị sạt nhiều sẽ hỗ trợ cho các hộ mỗi hộ 500.000 (Năm trăm nghìn đồng) để khai phục.
- + Nhân dân có ý kiến: Không đồng ý với công ty bồi thường 02 vụ để nghị bồi thường đủ 05 (Năm vụ). Các hộ còn từ khai phục được sẽ từ từ, còn lại các hộ bị sạt nhiều, việc lấp điền toàn phải được giải quyết để còn canh tác lâu dài.
- + Ông: Lê Văn Phú: Trưởng thôn 10 có ý kiến: Đề nghị cấp có thẩm quyền thu hồi diện tích của 03 hộ nằm sát công thoát nước, còn các hộ khác phải khai phục để bà con còn diện tích canh tác sản xuất lâu dài.
- + Ông: Phạm Văn Chung: Phó trưởng CA Chi xã.
- Ông rất thông cảm và chia sẻ với thiệt hại của bà con nhân dân. Theo ý kiến chỉ đạo của UBND Chi xã. Ban bồi thường hỗ trợ giải quyết mất bằng Chi xã cũng với Công ty TNHH Long Vương phải báo cáo với cấp có thẩm quyền giải quyết việc thoát nước của công đường Cao tốc (Khu vực - Thôn 10) để làm chỉ đến mức tối thiểu việc bị sạt trên mặt và về lâu dài. Còn việc bồi thường hộ nào cho bà con rất mong ban bồi thường cân nhắc và với công ty, đơn vị thi công nhà trình bày của ông Lương Xuân Bả. Phó CA - Công ty TNHH Long Vương.
- + Ông: Hoàng Kim Chung.
- Ông đã nắm bắt tình hình và báo cáo kịp thời với UBND Chi xã về việc trên, và tiếp tục phối hợp với các cấp có thẩm quyền để giải quyết thiệt hại đối với diện tích canh tác bị sạt, và mong muốn bà con thông cảm, sẽ chia, tạo điều kiện để đơn vị thi công hoàn thành.

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Ông này muốn hỏi như hôm nay sẽ đạt được sự thỏa thuận, đồng thuận giữa công ty Lory vũng - Chính quyền và bà con nhân dân.

+ Ông: Ông này Chánh - Bị thủ chi bộ 10 - Tỷ tiền Ban MT
Ông này muốn Cty Lory vũng hợp tác với bà con nhân dân,
bồi thường cho các hộ bị thiệt hại 03 (Ba) ha, còn các thửa
bị sẽ sát nhiều, tiền và đất đứng để như hộ trả trả bằng tiền
theo diện tích, thuê tề, không bồi thường theo hộ.

Cty - Ông này không - Thủ quỹ CT Chi xã
Việc thỏa thuận bồi thường giữa Cty TNHH Lory vũng và bà con
nhân dân do ông Lương Xuân Bá đảm nhiệm giải quyết. Còn
máy xúc của Cty đang ở địa điểm cao (nhà ông
Quang - công dân thôn 10) để thành tiền, mua bán làm
không gây thiệt hại cho công ty. (có biên bản đi đường
máy xúc). Số tiền bồi thường 02 (vụ) = (Kính - theo
số tiền hộ trả các hộ bị thu lập hoàn toàn) danh sách
hộ = nhân tiền.
đi lập.

+ Tổng số tiền là:

Các hộ trực tiếp nhận tiền từ thủ quỹ của công ty TNHH
Lory vũng (có danh sách kèm theo và ý kiến để như tiếp
tục giải quyết, khi có sự thay đổi nhất giữa Cty TNHH
Lory vũng với bà con nhân dân thôn 10, công ty sẽ nhận
lại máy xúc để tiếp tục làm việc.

Biên bản làm việc kết thúc hội 11 giờ 15 phút cùng ngày
Đã đọc biên bản trước hội nghị, công nhân nổi danh tiền là đồng
kính cũ có ý kiến gì khác và ký tên dưới đây.

Lưu trữ CT Chi xã

Ban bồi thường GMR

Cty TNHH Lory vũng

Chánh

Nguyễn Văn Quang

Nguyễn Văn Quang

Lương Xuân Bá

Đã thanh toán

Tổng cộng 10
Tham gia

Đại diện nhân dân



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DANH SÁCH

Các hộ nhận tiền bồi thường (tính theo diện tích) và tiền hỗ trợ
Lý do còn để nghị tiếp.

STT	Họ tên chủ hộ	Số tiền nhận (đ)	Lý do tiếp tục để nghị để giải quyết	Ký nhận
1	Lê như Thủy	1.147.888	Chưa có hồ sơ và để nghị bồi thử đủ 05 vu.	Thủy ² Lê như Thủy
2	Lê văn Chính	1.706.320	Để nghị hồ sơ bị sạt đất quá nhiều và xử đất để canh tác	Minh Trần Thị Minh
3	Lê văn Lành	1.949.000	Chưa 400m ² hồ sơ sạt đất 100% Để nghị giải quyết tiếp Xử đất sạt	Trần Thị Minh Trần Thị Minh
4	Lê văn Phúc	1.595.520	Chưa có diện tích 360m ² mặt nước Để nghị giải quyết tiếp, xử đất sạt	Thị Toàn Thị Toàn
5	Lê Thị Sơn	1.537.904	Để nghị bồi thử 05 vu và mặt 100%, xử đất sạt để canh tác	(Lê văn Linh, Lê Thị Sơn)
6	Trần Thị Thu	1.560.000	Để nghị xử đất (chưa thu hồi) vì sạt nhiều ở khu vực đất	KT Thị Thu Lê văn Phở
7	Trần Ngọc Thanh	859.000	Để nghị khai mương để ở bị bồi đất sạt vào ruộng	Thị Trần Thị Thị
8	Nguyễn Thị Mìn	959.000	Bãi tạm nhận sạt diện tích, công thừa mức của bà chủ vườn bthử 50% là ở thửa đất và không thể cấy cấy, từ năm 2012 bị mất 100%.	KT Bà Kas
9	Trần Thị Văn	1.498.016	(c)	Qua.

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Cấp hạng I

<i>S' T</i>	<i>Họ tên chủ hộ</i>	<i>Số tiền (đ)</i>	<i>Lý do kiến nghị</i>	<i>Ký tên</i>
10	Nguyễn Thị Chiết	(?)	gia đình không nhận bồi thường vì đất của bà sát chỗ đường 05 m không đầy đủ mất 100% x	Đuật Nguyễn Thị Chiết
1	Lê Văn Hỷ	2.464.192	Đề nghị xử đất ở sát để giải tỏa tiếp theo	Hỷ Lê Văn Hỷ
2	Lê Văn Chiếu	1.391.648	Đề nghị xử đất ở sát để giải tỏa	Kĩ Lê Văn Lương
3	Lê Thị Oanh	1.447.441	Đề nghị xử đất ở sát để giải tỏa	Ng Thị Toàn
-	Lê Công Kỳ	221.600	Đề nghị bồi thường vụ mùa 2012 x	Lê Công Kỳ
-	Lê Vĩnh Huy	221.600	(c)	Hồng Thu Thủy
-	Trần Văn Kiên	1.915.000	Đề nghị bồi thường vụ mùa 2012 x	Lê Thị Thu
-	Lê Đình Giáp	1.604.384	Mức đất ở sát để giải tỏa, và bồi thường tiếp theo	Lê Thị Chanh
-	Lê Quang Mạnh	2.480.000	Đề nghị bồi thường vụ mùa 2012 x	Ng Thị Hiền
-	Lê - Cường	88.640	(c)	Trần Thị Mai
-	Trần Đức Huyền	465.000		Trần Thị Mai

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

CÔNG TY TNHH LONG VƯƠNG

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập – Tự do – Hạnh phúc

Hà Lọc, ngày 16 tháng 1 năm 2012

BIÊN BẢN THANH TOÁN

Hôm nay, ngày 16 tháng 1 năm 2012. Tại xã Hà Lọc, thị xã Phố Mới, chúng tôi gồm có:

I. Đại diện thi công đường cao tốc Nội Bài – Lào Cai – Công ty TNHH Long Vương

1. Ông: Nguyễn Văn Hùng

2. Ông: Lê Văn Cường

II. Đại diện Thủ tục dân cư

1. Ông: Trần Văn Hùng

2. Ông: Lê Văn Cường

3. Ông: Lê Văn Cường

4. 12 hộ dân có diện tích đất và ao bị thiệt hại năm 2012 do làm đường cao tốc Nội Bài – Lào Cai

Nội dung làm việc:

Tên cũ Biên bản làm việc của 12 hộ 943 ngày 14/6/2012 giữa Ban thi công và 12 hộ dân Long Vương làm bồi thường 12PM3 thị xã Phố Mới, thành quyền địa phương và làm bồi thường 12 hộ dân Long Vương, dân có diện tích bị thiệt hại năm 2012. Hôm nay, Công ty Long Vương chi trả tiền bồi thường cho các hộ có diện tích bị thiệt hại như sau:

STT	Họ tên	Khu	Số tiền	Mục đích sử dụng	Ký nhận
1	Trần Thị Bân	13	1.014.160đ	Lúa	
2	Hà Văn Tuyên	13	987.280đ	Lúa	
3	Hà Văn Nghĩa	13	372.124đ	Lúa	
4	Dương Văn Học	14	761.600đ	Lúa	
5	Phạm Văn Thành	13	320.500đ	Lúa	
6	Trần Văn Nghi	13	1.210.440đ	Lúa	
7	Trần Văn Trường	12	4.199.160đ	Lúa	
8	Nguyễn Văn Chính	12	1.075.760đ	Ao	

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9	Nguyễn Văn Mạnh	12	992.460 đ	Ao	KT
10	Trần Văn Trường	12	1.999.200 đ	Ao	
11	Trần Văn Kiên	13	2.307.580 đ	Ao	
12	Hà Văn Sinh	14	2.068.220 đ	Ao	
Tổng cộng			18.617.590 đ		



 Ông: *[Signature]*
 Ông: *[Signature]*

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Đơn vị: _____
Địa chỉ: _____

PHIẾU CHI

Quyển số: 77
Số: _____
Ngày 21 tháng 06 năm 2012
Số 01
Mẫu số 02 - TT
QB số 15/2006/QĐ-BTC
ngày 20 tháng 3 năm 2006
của Bộ trưởng Bộ Tài chính

Họ tên người nhận tiền: Nguyễn Văn Minh
Địa chỉ: Khu 12, xã Hòa Lạc - thị xã Thủ Đức, Thủ Đức
Lý do chi: Thủ tục của bị chặn tài khoản năm 2012
(Công trình chuyển giao tài sản NE Lc được làm 69-69)
Số tiền: 292.000.000 (Hai trăm chín mươi hai triệu đồng chẵn)
Kèm theo: Chứng từ gốc
Đã nhận đủ số tiền (chữ in)

Giám đốc (Ký, họ tên, đóng dấu): _____
Kế toán trưởng (Ký, họ tên): _____
Thủ quỹ (Ký, họ tên): _____
Người lập phiếu (Ký, họ tên): _____
Người nhận tiền (Ký, họ tên): _____

* Tỷ giá ngoại tệ tính theo: _____
* Số tiền quy đổi: _____

Đơn vị: _____
Địa chỉ: _____

PHIẾU CHI

Quyển số: 77
Số: _____
Ngày 21 tháng 06 năm 2012
Số 01
Mẫu số 02 - TT
QB số 15/2006/QĐ-BTC
ngày 20 tháng 3 năm 2006
của Bộ trưởng Bộ Tài chính

Họ tên người nhận tiền: Trần Văn Hùng
Địa chỉ: Khu 12, xã Hòa Lạc - thị xã Thủ Đức, Thủ Đức
Lý do chi: Thủ tục của bị chặn tài khoản năm 2012
(Công trình chuyển giao tài sản NE Lc được làm 69-69)
Số tiền: 2.303.000.000 (Hai tỷ ba trăm lẻ ba triệu đồng chẵn)
Kèm theo: Chứng từ gốc
Đã nhận đủ số tiền (chữ in)

Giám đốc (Ký, họ tên, đóng dấu): _____
Kế toán trưởng (Ký, họ tên): _____
Thủ quỹ (Ký, họ tên): _____
Người lập phiếu (Ký, họ tên): _____
Người nhận tiền (Ký, họ tên): _____

* Tỷ giá ngoại tệ tính theo: _____
* Số tiền quy đổi: _____

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Đơn vị: _____ Địa chỉ: _____

PHIẾU CHI

Số: _____ Ngày: 24 tháng 06 năm 2012

Mẫu số 02 - TT
QĐ số 15/2006/QĐ-PTT
ngày 20 tháng 3 năm 2006
của Bộ trưởng Bộ Tài chính

Họ tên người nhận tiền: Trần Văn Hùng
Địa chỉ: Khu 12 - xã Hòa Lạc - thị xã Phú Thọ - Phú Thọ
Số tài khoản: 9.199.000.000 (Cộng một triệu chín trăm chín mươi nghìn đồng chẵn)

Số tiền: 9.199.000.000 (Cộng một triệu chín trăm chín mươi nghìn đồng chẵn)

Kèm theo: _____

Chứng từ gốc: _____

Đã nhận đủ số tiền: _____

Giám đốc: _____ Kế toán trưởng: _____ Thủ quỹ: _____

Ngày: 24 tháng 06 năm 2012

Người lập phiếu: _____ Người nhận tiền: _____

Ty giá người lập: _____ Ty giá người nhận: _____

Số tiền ghi đơn: _____

Đơn vị: _____ Địa chỉ: _____

PHIẾU CHI

Số: _____ Ngày: 24 tháng 06 năm 2012

Mẫu số 02 - TT
QĐ số 15/2006/QĐ-PTT
ngày 20 tháng 3 năm 2006
của Bộ trưởng Bộ Tài chính

Họ tên người nhận tiền: Nguyễn Văn Hùng
Địa chỉ: Khu 12 - xã Hòa Lạc - thị xã Phú Thọ - Phú Thọ
Số tài khoản: 9.199.000.000 (Cộng một triệu chín trăm chín mươi nghìn đồng chẵn)

Số tiền: 9.199.000.000 (Cộng một triệu chín trăm chín mươi nghìn đồng chẵn)

Kèm theo: _____

Chứng từ gốc: _____

Đã nhận đủ số tiền: _____

Giám đốc: _____ Kế toán trưởng: _____ Thủ quỹ: _____

Ngày: 24 tháng 06 năm 2012

Người lập phiếu: _____ Người nhận tiền: _____

Ty giá người lập: _____ Ty giá người nhận: _____

Số tiền ghi đơn: _____

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Đơn vị: _____ Địa chỉ: _____

PHIẾU CHI

Quốc gia: Việt Nam Ngày: 21 tháng 08 năm 2012

Mã số: TT
Số: 17/2006-QĐ-BT
Ngày: 20 tháng 3 năm 2006
của Bộ trưởng Bộ Tài chính

Họ tên người nhận tiền: Phạm Văn Hoàng
Địa chỉ: Thị trấn 13 xã Hồ Lặc - Thị trấn Phố Mới - Huyện Phố Mới - Tỉnh Lào Cai
Lý do chi: Chi trả tiền thuê đất đai năm 2012
(Công trình: Đường cao tốc M5-LC đoạn km 69-65)
Số tiền: 1.632.000.000 (Một tỷ sáu trăm ba mươi hai triệu đồng chẵn)
Kèm theo: _____

Chứng từ gốc: _____
Đã nhận đủ số tiền (tên hàng): _____

Giám đốc: _____ Kế toán trưởng: _____ Thủ quỹ: _____
Người lập phiếu: _____ Người nhận tiền: _____
Tổ trưởng: _____ Tổ phó: _____ Tổ trưởng: _____
Tổ phó: _____ Tổ trưởng: _____ Tổ phó: _____

Đơn vị: _____ Địa chỉ: _____

PHIẾU CHI

Quốc gia: Việt Nam Ngày: 21 tháng 08 năm 2012

Mã số: TT
Số: 17/2006-QĐ-BT
Ngày: 20 tháng 3 năm 2006
của Bộ trưởng Bộ Tài chính

Họ tên người nhận tiền: Phạm Văn Hoàng
Địa chỉ: Thị trấn 13 xã Hồ Lặc - Thị trấn Phố Mới - Huyện Phố Mới - Tỉnh Lào Cai
Lý do chi: Chi trả tiền thuê đất đai năm 2012
(Công trình: Đường cao tốc M5-LC đoạn km 69-65)
Số tiền: 1.632.000.000 (Một tỷ sáu trăm ba mươi hai triệu đồng chẵn)
Kèm theo: _____

Chứng từ gốc: _____
Đã nhận đủ số tiền (tên hàng): _____

Giám đốc: _____ Kế toán trưởng: _____ Thủ quỹ: _____
Người lập phiếu: _____ Người nhận tiền: _____
Tổ trưởng: _____ Tổ phó: _____ Tổ trưởng: _____
Tổ phó: _____ Tổ trưởng: _____ Tổ phó: _____

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PHIẾU CHI

Đơn vị: ...
Địa chỉ: ...
Số: ...
Ngày: 21 tháng 05 năm 2012

Họ tên người nhận tiền: Hà Văn Tuấn
Địa chỉ: Hu 13 - xã Hòa Lạc - huyện Hòa Lạc - Hà Nội
Lý do chi: Chi trả tiền thuê đất đai năm 2012
Số tiền: 587.000
Viết bằng chữ: Năm trăm tám mươi bảy ngàn đồng

Kèm theo: ...
Chứng từ gốc: ...
Đã nhận đủ số tiền (ngay) không còn:

Giám đốc: ...
Kế toán trưởng: ...
Thủ quỹ: ...
Người lập phiếu: ...
Người nhận tiền: ...

Ty giá ngoại tệ (nếu có): ...
Số tiền quy đổi: ...

PHIẾU CHI

Đơn vị: ...
Địa chỉ: ...
Số: ...
Ngày: 21 tháng 05 năm 2012

Họ tên người nhận tiền: Dương Văn Tuấn
Địa chỉ: Hu 14 - xã Hòa Lạc - huyện Hòa Lạc - Hà Nội
Lý do chi: Chi trả tiền thuê đất đai năm 2012
Số tiền: 762.000
Viết bằng chữ: Sáu trăm sáu mươi hai ngàn đồng

Kèm theo: ...
Chứng từ gốc: ...
Đã nhận đủ số tiền (ngay) không còn:

Giám đốc: ...
Kế toán trưởng: ...
Thủ quỹ: ...
Người lập phiếu: ...
Người nhận tiền: ...

Ty giá ngoại tệ (nếu có): ...
Số tiền quy đổi: ...

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PHIẾU CHI

Ngày 21 tháng 08 năm 2012

Họ tên người nhận tiền: Trần Hữu Bình

Địa chỉ: Khu 43 xã Hà Lạc - Thị xã Phú Thọ - Phú Thọ

Lý do chi: Hộ gia đình bị chia tách bị thất thu năm 2012

Số tiền: 1.014.000 (Một ngàn chẵn Một trăm không trăm mười bốn nghìn đồng chẵn)

Kèm theo: Chứng từ gốc

Đã nhận đủ số tiền (chữ in hoa)

Giám đốc: (Ký, họ tên, đóng dấu)

Kế toán trưởng: (Ký, họ tên)

Thủ quỹ: (Ký, họ tên)

Người lập phiếu: (Ký, họ tên)

Người nhận tiền: (Ký, họ tên)

Ty giá ngoại tệ (nếu có):

Số tiền quy đổi:

PHIẾU CHI

Ngày 21 tháng 08 năm 2012

Họ tên người nhận tiền: Hà Văn Nghĩa

Địa chỉ: Khu 43 xã Hà Lạc - Thị xã Phú Thọ - Phú Thọ

Lý do chi: Hộ gia đình bị chia tách bị thất thu năm 2012

Số tiền: 27.700 (Hai mươi bảy ngàn chẵn)

Kèm theo: Chứng từ gốc

Đã nhận đủ số tiền (chữ in hoa)

Giám đốc: (Ký, họ tên, đóng dấu)

Kế toán trưởng: (Ký, họ tên)

Thủ quỹ: (Ký, họ tên)

Người lập phiếu: (Ký, họ tên)

Người nhận tiền: (Ký, họ tên)

Ty giá ngoại tệ (nếu có):

Số tiền quy đổi:

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập – Tự do – Hạnh phúc

Hà Nội, ngày 12 tháng 6 năm 2012

DANH SÁCH

Việc bố trí diện tích bị thiệt hại năm 2012 do ảnh hưởng mua bảo trong quá trình thi công dự án Đường cao tốc Nội Bài – Lào Cai
Đoạn KM64-KM65

TT	Tên chủ hộ	Khu	Diện tích thực tế bị thiệt hại (m ²)	Đơn giá	Thành tiền	Mức đền bù sử dụng	Ký xác nhận
1	Trần Thị Bình	13	302,2	2.800	1.014.160	Lưu	
2	Bà Văn Tuyên	13	389,4	2.800	987.280	Lưu	
3	Bà Văn Nghi	13	132,0	2.800	372.120	Lưu	
4	Dương Văn Học	14	272,0	2.800	761.600	Lưu	
5	Phạm Văn Thành	13	582,0	2.800	1.629.600	Lưu	
6	Trần Văn Ngân	13	137,5	2.800	210.440	Lưu	
7	Trần Văn Trường	13	1.499,7	2.800	4.199.160	Lưu	
	Tổng cộng		5.633,70		10.174.360		

ĐẠI DIỆN CHỦ NGƯỜI KHU

ĐẠI DIỆN CHỦ NGƯỜI XÃ HUYỆN

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

3. At Ha Loc commune

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc

Ha Loc, ngày 12 tháng 6 năm 2012

DANH SÁCH

Các hộ có diện tích bị thiệt hại vụ chiêm năm 2012 do ảnh hưởng thi công dự án Đường cao tốc Nội Bài - Lào Cai
Đoạn KM64-KM65

TT	Tên chủ hộ	Khu	Diện tích thửa tổn thất (m ²)	Đón gía	Thành Tiền	Mục đích sử dụng	Ký sắc nhận
1	Nguyễn Văn Chinh	12	316,4	3,400	1.075,760	Ấp	
2	Nguyễn Văn Mạnh	12	291,9	3,400	992,460	Ấp	
3	Trần Văn Trường	12	588,4	3,400	1.999,200	Ấp	
4	Trần Văn Kiên	13	678,7	3,400	2.307,580	Ấp	
5	Hà Văn Sơn	14	698,3	3,400	2.068,220	Ấp	
	Tổng Cộng		2.483,3		8.443,220		

ĐẠI DIỆN TRƯỞNG KHU

ĐẠI DIỆN UBND XÃ HÀ LỘC

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PHIẾU CHI
Số: 24...tháng 04...năm 2012

Địa chỉ: Huyện Yên Bái, xã Phú Thọ, Phú Thọ

Họ tên người nhận tiền: Hà Văn Sinh

Lý do chi: Trả tiền cho chủ hộ bị thiệt hại mùa vụ (Công việc xây dựng cầu bắc qua sông km 69, 65)

Số tiền: 2.065.000

Người công bố: [Signature]

Chứng từ gốc: [Signature]

Địa chỉ nhận đủ số tiền: [Signature]

Người lập phiếu: [Signature]

Người nhận tiền: [Signature]

PHIẾU CHI
Số: 24...tháng 04...năm 2012

Địa chỉ: Huyện Yên Bái, xã Phú Thọ, Phú Thọ

Họ tên người nhận tiền: Trần Văn Trường

Lý do chi: Trả tiền cho chủ hộ bị thiệt hại mùa vụ (Công việc xây dựng cầu bắc qua sông km 69, 65)

Số tiền: 2.065.000

Người công bố: [Signature]

Chứng từ gốc: [Signature]

Địa chỉ nhận đủ số tiền: [Signature]

Người lập phiếu: [Signature]

Người nhận tiền: [Signature]

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

CÔNG TY TNHH
LONG VƯƠNG

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập – Tự do – Hạnh phúc

Hà Nội, ngày 05 tháng 3 năm 2013

BIÊN BẢN THANH TOÁN

Hôm nay, ngày 05 tháng 3 năm 2013 Tại xã Hà Lạc, thị xã Phú Thọ, Chang Mai, tỉnh Yên Bái

I. Đại diện đơn vị thi công đường cao tốc Nội Bài – Lào Cai:

Công ty TNHH Long Vương

1. Ông Đỗ Ngọc Cẩn

2. Ông Trần Thị Bích Ngọc

II. Đại diện chủ đầu tư UBND xã Hà Lạc:

1. Ông Trần Văn Linh PC.T. UBND

2. Bà Nguyễn Thị Hương CB. Huyện

3. Ông Nguyễn Văn Hùng CB. Huyện

4. 29 hộ dân có diện tích lúa và ao bị thiệt hại năm 2013 do ảnh hưởng thi công thi

án đường cao tốc Nội Bài – Lào Cai.

Nội dung làm việc:

Căn cứ Biên bản làm việc ngày 21/1/2013 giữa Công ty Pisco E&C và UBND xã Hà Lạc.

Căn cứ Biên bản làm việc số 09/CV-UBND ngày 22/1/2013 của UBND xã Hà Lạc.

Hôm nay, Công ty TNHH Long Vương chỉ trả tiền bồi đắp ứng cho các hộ dân có diện tích bị thiệt hại năm 2013 theo như danh sách kèm theo:

Xác nhận của UBND xã Hà Lạc

Công ty TNHH Long Vương

37.797.520

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM

Độc Lập - Tự Do - Hạnh Phúc

DANH SÁCH TRẢ TIỀN

Hỗ trợ hoa màu gặp ứng, xô sạt bị ảnh hưởng dự án đường cao tốc Nội Bài - Lào Cai
Xã Hà Lạc - Thị xã Phú Thọ các vụ năm 2013

STT	HỌ VÀ TÊN	ĐỊA CHỈ	SỐ CMND	DIỆN TÍCH (M ²)	ĐƠN GIÁ	THÀNH TIỀN	MỤC ĐÍCH SỬ DỤNG	KÝ NHẬN
1	Trần Văn Nghị	Khu 13	130584155	408	2800	1.142.400	Đất lúa	
2	Trần Văn Vinh	Khu 13	131684058	144	2800	403.200	Đất lúa	
3	Trần Quang Viên	Khu 13	130800058	312	2800	873.600	Đất lúa	
4	Trần Xuân Hải	Khu 13		528	2800	1.478.400	Đất lúa	
5	Trần Thị Mơ	Khu 13	130558858	240	2800	672.000	Đất lúa	
6	Nguyễn Văn Cường	Khu 13		384	2800	1.075.200	Đất lúa	
7	Trần Văn Kiên	Khu 13		120	2800	336.000	Đất lúa	
8	Trần Văn Khang	Khu 14	130133058	672	2800	1.881.600	Đất lúa	
9	Trần Văn Kiên	Khu 13		528	2800	1.478.400	Đất lúa	
10	Dương Văn Hào	Khu 14	132018235	408	2800	1.142.400	Đất lúa	
11	Trần Văn Đức	Khu 14	130978811	456	2800	1.276.800	Đất lúa	
12	Trần Văn Ngọc	Khu 13	130978811	812,4	2800	2.274.720	Đất lúa	
13	Dương Thành Thám	Khu 14	130978811	504	2800	1.411.200	Đất lúa	
14	Dương Văn Túc	Khu 14		360	2800	1.008.000	Đất lúa	
15	Trần Văn Minh (Tục)	Khu 13	131678164	720	3400	2.448.000	Áo cả	
16	Hoàng Văn Thọ	Khu 13	131007374	456	2800	1.276.800	Đất lúa	
17	Trần Văn Dũng	Khu 13	131378961	648	3400	2.203.200	Áo cả	
18	Trần Thị Lành (Thịnh)	Khu 14	130771258	468	2800	1.310.400	Đất lúa	
19	Trần Văn Kính	Khu 13	13085416	468	3400	1.591.200	Áo cả	
20	Trần Kim Sơn	Khu 14	131596464	456	3400	1.550.400	Áo cả	
21	Dương Văn Bè	Khu 14	130232733	480	2800	1.344.000	Đất lúa	
22	Hà Văn Thủ	Khu 14	130232736	408	2800	1.142.400	Đất lúa	
23	Trần Thế Khải	Khu 14	130000280	600	2800	1.680.000	Đất lúa	
24	Dương Quốc Chính	Khu 14	130252810	408	2800	1.142.400	Đất lúa	

***Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project***

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

25	Dương Ngọc Quỳnh	Khu 14		150	2800	1.008.000	Đất lúa	
26	Trần Văn Đức	Khu 14	13099 88 11	408	2800	1.142.400	Đất lúa	Dương ngọc Quỳnh
27	Hà Thị Cải	Khu 14		450	2800	1.260.000	Đất lúa	Trần Văn Đức?
28	Dương Đình Long	Khu 14		480	2800	1.344.000	Đất lúa	Hà Thị Cải
29	Trần Kim Sơn	Khu 14	1315362069	300	2800	1.008.000	Đất lúa	Chợ gạo: thành phố Trần Văn Đức
Tổng Cộng				1.388		37.767.520		

(Bảng chữ: Ba mươi bảy triệu, bảy trăm tám mươi bảy nghìn, năm trăm bảy mươi đồng)

CÔNG TY TNHH LONG VƯƠNG

Hà Nội, ngày 03 tháng 03 năm 2013

UBND XÃ HÀ LỘC

Trần Văn Đức

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

CÔNG TY TNHH CÔNG HÓA XÃ HỘI CHỦ NGHĨA VIỆT NAM
LONG VƯƠNG Độc lập – Tự do – Hạnh Phúc

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Hà Nội, ngày 13 tháng 07 năm 2012.

BIÊN BẢN THANH TOÁN

13.740.800.000

Hôm nay, ngày 13 tháng 07 năm 2012, Tại UBND xã Hà Lộc – Thị xã Phú Thọ – Phú Thọ, chúng tôi gồm có:

I. ĐẠI DIỆN BÊN THI CÔNG:

- | | |
|---------------------------|--------------------------------|
| 1. Ông : Nguyễn Mạnh Hùng | Chức vụ : Chỉ huy. |
| 2. Ông : Đỗ Ngọc Cần | Chức vụ : Kế toán công trường. |
| 3. Bà : Trần Thị Kim Ngân | Chức vụ : Kế toán. |

II. ĐẠI DIỆN KHU DÂN CƯ:

- | | |
|---|--|
| 1. Ông : Trần Văn Lợi | Chức vụ : Phó chủ tịch UBND xã Hà Lộc. |
| 2. Ông (bà) : | Chức vụ : |
| 3. Và 08 hộ dân có diện tích bị di dời bị thiệt hại năm 2012 do ảnh hưởng thi công Dự án Đường cao tốc Nội Bài – Lào Cai. | |

Nội dung làm việc :

Căn cứ vào biên bản làm việc ngày 24 tháng 05 năm 2012, giữa Công ty TNHH Long Vương, Chính quyền địa phương và khu dân cư xã Hà Lộc tính các hộ dân có diện tích bị di dời bị thiệt hại năm 2012.

Hôm nay, Công ty TNHH Long Vương chỉ trả tiền hỗ trợ cho các hộ có diện tích bị thiệt hại, cụ thể như sau :

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Stt	Tên chủ hộ	Khu	Diện tích thực tế ở thửa (m ²)	Đơn giá	Thành tiền	Mục đích sử dụng	Ký xác nhận
1	Dương Thành Thâm	14	334	2.800	935.200	Lúa	<i>[Signature]</i>
2	Dương Văn Ai	12	738 150 (cây)	3.400 30.000	2.509.200 4.500.000	Ao Cây đào	<i>[Signature]</i>
3	Nguyễn Khánh Toàn	13	1081	3.400	3.675.400	Ao	<i>[Signature]</i>
4	Nguyễn Văn Cường	13	662	3.400	2.250.800	Ao	<i>[Signature]</i>
5	Trần Văn Chí	13	561	3.400	1.907.400	Ao Đồ tường ao	<i>[Signature]</i>
6	Nguyễn Văn Bình	13	408	3.400	1.387.200	Ao	<i>[Signature]</i>
7	Dương Văn Tuấn	13	122	3.400	414.800	Ao	<i>[Signature]</i>
8	Hà Thị Phúc	13	200	3.400	680.000	Ao	<i>[Signature]</i>
Tổng cộng					18.760.000		

XÁC NHẬN CỦA UBND
XÃ HÀ LỘC

CÔNG TY TNHH LONG VƯƠNG

[Signature]
Nguyễn Mạnh Hùng

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập – Tự do – Hạnh phúc

BẢN CAM KẾT

V/v: Các hộ có diện tích bị thiệt hại năm 2012 do ảnh hưởng mưa bão
trong quá trình thi công dự án đường cao tốc Nội Bài – Lào Cai
đoạn Km64+800 – Km65+050.

Hôm nay, ngày 13 tháng 01 năm 2012

Đơn vị thi công: **Công ty TNHH Long Vương** trả tiền đền bù cho các hộ bị
thiệt hại.

Hai bên cùng nhau thống nhất: Các hộ dân bị thiệt hại sau khi nhận tiền đền bù
cam kết không gây cản trở cho đơn vị thi công trong suốt quá trình thi công.

Các hộ có diện tích ao bị ngập tự động che chắn, tháo nước, có biện pháp bảo
vệ tài sản tạo điều kiện thuận lợi cho đơn vị thi công.

Danh sách các hộ đồng ý thực hiện cam kết:

TT	Tên chủ hộ	Khu	Diện tích thực tế ở thửa(m ²)	Đơn giá	Thành tiền	Mục đích sử dụng	Ký xác nhận
1	Dương Thành Thâm	14	334	2.800	935.200	Lưu	Thâm
2	Dương Văn Ai	12	738 150(Cây)	3.400	2.509.200 4.500.000	Ao Cây đào	Ai
3	Nguyễn Khánh Toàn	13	1081	3.400	3.675.400	Ao	Toàn
4	Nguyễn Văn Cường	13	662	3.400	2.250.800	Ao	Cường
5	Tuân Văn Chí	13	561	3.400	1.907.400	Ao	Chí
					500.000	Đón khách	
6	Nguyễn Văn Bình	13	408	3.400	1.387.200	Ao	Bình
7	Dương Văn Tuấn	13	122	3.400	414.800	Ao	Tuấn
8	Hà Thị Phúc	13	200	3.400	680.000	Ao	Phúc
	Tổng cộng				18.760.000		

ĐẠI DIỆN TRƯỞNG KHU

ĐẠI DIỆN UBND XÃ HÀ LỘC

Đại diện hộ bị thiệt hại

(Signature)
Đại diện hộ bị thiệt hại

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Đơn vị: _____ Quyển số: _____ Mẫu số 02 - TT
Địa chỉ: _____ Số: _____ QĐ số: 15/2006/QĐ-BTC
Ngày: 12 tháng 02 năm 2012 Nợ: _____ ngày 20 tháng 3 năm 2006
của Bộ trưởng Bộ Tài chính
CÓ: _____

Họ tên người nhận tiền: Dương Văn A
Địa chỉ: Khu 12 xã Hòa Lạc - TP Hà Nội
Lý do chi: Đã bù chi 4 h là thời gian năm 2012

Số tiền: 7.940.000 (Viết bằng chữ: bảy triệu, nghìn chín trăm bốn mươi nghìn đồng chẵn)
Kèm theo: _____ Chứng từ gốc: _____
Đã nhận đủ số tiền (viết bằng chữ): _____

Ngày: 12 tháng 02 năm 2012
Giám đốc (Ký, họ tên): _____ Thủ quỹ (Ký, họ tên): _____ Người lập phiếu (Ký, họ tên): _____ Người nhận tiền (Ký, họ tên): _____
• Tỷ giá ngoại tệ (vàng, bạc, đô quốc): Phường 1 - Phường 2 - Phường 3 - Phường 4 - Phường 5
• Số tiền quy đổi: _____

Đơn vị: _____ Quyển số: _____ Mẫu số 02 - TT
Địa chỉ: _____ Số: _____ QĐ số: 15/2006/QĐ-BTC
Ngày: 12 tháng 02 năm 2012 Nợ: _____ ngày 20 tháng 3 năm 2006
của Bộ trưởng Bộ Tài chính
CÓ: _____

Họ tên người nhận tiền: Nguyễn Văn A
Địa chỉ: Khu 12 xã Hòa Lạc - TP Hà Nội
Lý do chi: Đã bù chi 4 h là thời gian năm 2012

Số tiền: 5.675.000 (Viết bằng chữ: năm triệu, sáu trăm bảy mươi lăm nghìn đồng chẵn)
Kèm theo: _____ Chứng từ gốc: _____
Đã nhận đủ số tiền (viết bằng chữ): _____

Ngày: 12 tháng 02 năm 2012
Giám đốc (Ký, họ tên): _____ Thủ quỹ (Ký, họ tên): _____ Người lập phiếu (Ký, họ tên): _____ Người nhận tiền (Ký, họ tên): _____
• Tỷ giá ngoại tệ (vàng, bạc, đô quốc): Phường 1 - Phường 2 - Phường 3 - Phường 4 - Phường 5
• Số tiền quy đổi: _____

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Đơn vị:
Địa chỉ:
Ngày: 13 tháng 03 năm 2012

PHIẾU CHI

Quyển số:
Số:
Mẫu số 02 - TT
QĐ số 15/2008/QĐ-HYT
ngày 20 tháng 3 năm 2008
của Bộ trưởng Bộ Tài chính

Họ tên người nhận tiền: Nguyễn Văn Cường
Địa chỉ: Khu 15 - xã Tân Lạc, Huyện Tân Lạc
Lý do chi: Đơn bồi thường bị thiệt hại năm 2012

Số tiền: 2.251.000 (Viết bằng chữ: Hai triệu hai trăm năm mươi mốt nghìn đồng chẵn)

Kèm theo:
Chứng từ gốc:
Đã nhận đủ số tiền (viết bằng chữ):

Phân Công Bộ và phân in tài liệu

Ngày: 13 tháng 03 năm 2012

Giám đốc (Ký, họ tên, đóng dấu):
Kế toán trưởng (Ký, họ tên):
Thủ quỹ (Ký, họ tên):
Người lập phiếu (Ký, họ tên):
Người nhận tiền (Ký, họ tên): Nguyễn Văn Cường

* Tỷ giá ngoại tệ (trong, bạc, đã quy đổi):
* Số tiền quy đổi:

Đơn vị:
Địa chỉ:
Ngày: 13 tháng 03 năm 2012

PHIẾU CHI

Quyển số:
Số:
Mẫu số 02 - TT
QĐ số 15/2008/QĐ-HYT
ngày 20 tháng 3 năm 2008
của Bộ trưởng Bộ Tài chính

Họ tên người nhận tiền: Trần Văn Cường
Địa chỉ: Khu 15 - xã Tân Lạc, Huyện Tân Lạc
Lý do chi: Đơn bồi thường bị thiệt hại năm 2012

Số tiền: 2.251.000 (Viết bằng chữ: Hai triệu hai trăm năm mươi mốt nghìn đồng chẵn)

Kèm theo:
Chứng từ gốc:
Đã nhận đủ số tiền (viết bằng chữ):

Phân Công Bộ và phân in tài liệu

Ngày: 13 tháng 03 năm 2012

Giám đốc (Ký, họ tên, đóng dấu):
Kế toán trưởng (Ký, họ tên):
Thủ quỹ (Ký, họ tên):
Người lập phiếu (Ký, họ tên):
Người nhận tiền (Ký, họ tên): Trần Văn Cường

* Tỷ giá ngoại tệ (trong, bạc, đã quy đổi):
* Số tiền quy đổi:

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Đơn vị: _____
Địa chỉ: _____

PHIẾU CHI

Quyển số: _____
Số: _____
Mẫu số 02 - TT
QB số 15/2008/QĐ-BTC
ngày 20 tháng 3 năm 2008
của Bộ trưởng Bộ Tài chính

Ngày: 12 tháng 07 năm 2012

Họ tên người nhận tiền: _____
Địa chỉ: _____
Lý do chi: _____

Số tiền: 1.217.000 (Viết bằng chữ: Một tỷ hai trăm mười bảy ngàn đồng chẵn)

Kèm theo: _____
Chứng từ gốc: _____
Đã nhận đủ số tiền (viết bằng chữ): _____

Giám đốc (Ký, họ tên, đóng dấu): _____
Kế toán trưởng (Ký, họ tên): _____
Thủ quỹ (Ký, họ tên): _____
Người lập phiếu (Ký, họ tên): _____
Người nhận tiền (Ký, họ tên): _____

Ngày: 12 tháng 07 năm 2012

+ Tỷ giá ngoại tệ (vàng, bạc, đô quốc): _____
+ Số tiền quy đổi: _____

Đơn vị: _____
Địa chỉ: _____

PHIẾU CHI

Quyển số: _____
Số: _____
Mẫu số 02 - TT
QB số 15/2008/QĐ-BTC
ngày 20 tháng 3 năm 2008
của Bộ trưởng Bộ Tài chính

Ngày: 11 tháng 11 năm 2012

Họ tên người nhận tiền: _____
Địa chỉ: _____
Lý do chi: _____

Số tiền: 915.000 (Viết bằng chữ: Chín trăm mười lăm ngàn đồng chẵn)

Kèm theo: _____
Chứng từ gốc: _____
Đã nhận đủ số tiền (viết bằng chữ): _____

Giám đốc (Ký, họ tên, đóng dấu): _____
Kế toán trưởng (Ký, họ tên): _____
Thủ quỹ (Ký, họ tên): _____
Người lập phiếu (Ký, họ tên): _____
Người nhận tiền (Ký, họ tên): _____

Ngày: 11 tháng 11 năm 2012

+ Tỷ giá ngoại tệ (vàng, bạc, đô quốc): _____
+ Số tiền quy đổi: _____

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Đơn vị	Quê xã	Mã số ĐT TT QĐ số 15/2006/QĐ-TTg
Họ và tên	Số	ngày 30 tháng 3 năm 2006
Ngày	Số	của Bộ trưởng Bộ Tài chính
Ngày		Có

Họ tên người nhận tiền: Hà Thị Ngọc

Họ và tên: Ông Hà Văn Tuấn





Lý do chi: Đền bù cho tài sản bị mất do năm 2012

Số tiền: 500.000 Viết bằng chữ: năm trăm ngàn

Kèm theo: Chứng từ gốc

Dã nhận đủ số tiền (viết bằng chữ)

Ngày: 13 tháng 07 năm 2012

Giám đốc (Ký, họ tên, đóng dấu)	Kế toán trưởng (Ký, họ tên)	Thủ quỹ (Ký, họ tên)	Người lập phiếu (Ký, họ tên)	Người nhận tiền (Ký, họ tên)
				

• Là gia công (tuyệt, bán, đã quy): Không, chưa quy

• Số tiền quy đổi: Không quy đổi

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

CÔNG TY TNHH LONG VƯƠNG

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc Lập – Tự Do – Hạnh Phúc

GIẤY ĐỀ NGHỊ THANH TOÁN

Kính Gửi: Giám đốc công ty TNHH Long Vương

Tên tài khoản: Ngân Hàng

Địa chỉ: Công Ty TNHH Long Vương

Đề nghị thanh toán số tiền là: 1.500.000.000 Bằng chữ: Một triệu năm trăm triệu đồng chẵn

Nội dung chi: Thanh toán tiền lương tháng 12 năm 2012

Ngày 12 tháng 12 năm 2012

GIÁM ĐỐC KẾ TOÁN TRƯỞNG KẾ TOÁN THANH TOÁN NGƯỜI ĐỀ NGHỊ

Trần Văn Cường

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

**CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc**

BIÊN BẢN LÀM VIỆC

Xác định diện tích bị ảnh hưởng và thống nhất mức hỗ trợ thiệt hại do xô sạt, ngập úng khi thi công thực hiện dự án: Xây dựng tuyến đường cao tốc Nội Bài – Lào Cai (giai đoạn 1), đoạn qua địa bàn xã Tiên Kiên, huyện Lâm Thao



Hôm nay, vào hồi Ngày tháng 05 năm 2013, tại UBND xã Tiên Kiên, huyện Lâm Thao, chúng tôi gồm có:

I. THÀNH PHẦN:

1. Hội đồng bồi thường, hỗ trợ và TĐC huyện

- Ông: Nguyễn Chiến Thắng – Phó chủ tịch hội đồng BT, HT & TĐC.
- Bà: Nguyễn Thị Thuý Linh – Thành viên hội đồng.

2. Đơn vị nhà thầu thi công (POSCO E&C)

- Ông: Kim Tea Seung – Trưởng phòng xây dựng, quản lý công trường.
- Ông: Nguyễn Danh Phương – Cán bộ quản lý
- Ông: Đặng Hồng Hà – Kỹ sư công trường.

3. UBND xã Tiên Kiên

- Ông: Trần Đức Thành – Phó chủ tịch UBND xã
- Ông: Tạ Minh Sơn – Công chức địa chính xã.
- Ông bà: – Trưởng khu

II. NỘI DUNG:

Chúng tôi cùng nhau tiến hành kiểm tra, xác minh, tổng hợp số liệu (lần 2) và thống nhất với những diện tích cây cối, hoa màu bị ảnh hưởng do quá trình thi công xây dựng tuyến đường cao tốc Nội Bài - Lào Cai, cụ thể như sau:

1. Về kết quả xác minh, đo đạc tại thực địa:

- Kết quả xác minh, đo đạc lần 1 là:
 - + Tổng số hộ dân bị ảnh hưởng là: 89 hộ.
 - + Tổng số diện tích bị ngập úng là: 28.007,9 m².
 - + Tổng số diện tích bị xô sạt là: 9.150,5 m².
- Kết quả xác minh, đo đạc lần 2 là:
 - + Tổng số hộ bị ảnh hưởng: 102 hộ.
 - + Tổng số diện tích bị ngập úng là: 30.129,5 m².
 - + Tổng số diện tích bị xô sạt là: 17.913,9 m².

(Chỉ tiết tổng hộ bị ảnh hưởng có danh sách kèm theo)

2. Về mức hỗ trợ :

***Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project***

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

- Đối với phần diện tích bị ngập úng, thống nhất hỗ trợ bằng 02 vụ sản xuất theo đơn giá Nhà nước quy định tại thời điểm lập phương án hỗ trợ (4.235 đồng/m²/vụ)
- Đối với phần diện tích bị xô xạt, thống nhất hỗ trợ bằng 03 vụ sản xuất theo đơn giá Nhà nước quy định tại thời điểm lập phương án hỗ trợ (4.235 đồng/m²/vụ).

3. Về trách nhiệm của các bên liên quan

- Hội đồng bồi thường huyện Lâm Thao có trách nhiệm lập phương án, dự toán công khai theo mức đơn giá hỗ trợ đã thống nhất trên. Sau đó phối hợp với UBND xã Tiên Kiên và đơn vị thi công tiến hành công khai (lần 2) đến các hộ dân bị ảnh hưởng. Kết thúc quá trình công khai. Hội đồng bồi thường và UBND xã Tiên Kiên tổng hợp ý kiến của các hộ bị ảnh hưởng. Sau đó, làm việc lại một lần nữa với đơn vị thi công (chủ đầu tư) để thống nhất lại diện tích bị ảnh hưởng và mức hỗ trợ để trình phê duyệt.
- Đơn vị thi công có trách nhiệm phối hợp với Hội đồng bồi thường thực hiện các bước như đã nêu ở trên. Khi có Quyết định phê duyệt phương án hỗ trợ của UBND huyện Lâm Thao thì tổ chức tiến hành chi trả tiền hỗ trợ cho các hộ dân theo đúng Quyết định được phê duyệt.
- UBND xã Tiên Kiên có trách nhiệm phối hợp chặt chẽ với Hội đồng bồi thường và đơn vị thi công thực hiện các bước như trên.

Buổi làm việc kết thúc vào hồi ... cùng ngày, biên bản được lập thành 05 bản có giá trị pháp lý như nhau, đọc thông qua mọi người cùng nghe và cùng ký xác nhận để làm căn cứ cho Hội đồng bồi thường lập dự toán kinh phí bồi thường, hỗ trợ cho các hộ dân.

ĐẠI DIỆN TRƯỞNG KHU

Khánh
Nguyễn Văn Cường

UBND XÃ TIÊN KIẾN

Phan

HỘI ĐỒNG B.T, H.T & T.C

Huân
Nguyễn Thị Hồng Liên

ĐƠN VỊ THI CÔNG

***Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project***

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

UBND HUYỆN LÂM THAO
HỘI ĐỒNG HT & TĐC

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc

**DỰ TOÁN CÔNG KHAI KINH PHÍ HỖ TRỢ CÁC HỘ CÓ RUỘNG BỊ NGẬP ÚNG DO ẢNH HƯỞNG
CỦA QUÁ TRÌNH THI CÔNG DỰ ÁN: XÂY DỰNG TUYẾN ĐƯỜNG CAO TỐC NỘI BÀI - LÃO CÀI
THUỘC ĐỊA BÀN XÃ TIỀN KIẾN**

STT	Họ tên chủ sử dụng	Diện tích đất bị ảnh hưởng (m ²)		Kinh phí hỗ trợ (đồng)		Tổng kinh phí bồi thường, hỗ trợ (đồng)
		Diện tích xô sạt	Diện tích ngập úng	Hỗ trợ xô sạt (03 vụ)	Hỗ trợ ngập úng (02 vụ)	
A	KINH PHÍ BÔI THƯỜNG, HỖ TRỢ	9.150,5	28.077,9	116.257.103	237.819.813	354.076.916
I	KHU 6					
1	Lê Văn Cường		564,0	-	4.777.080	4.777.080
2	Nguyễn Thị Trường		429,0	-	3.633.630	3.633.630
3	Phạm Ngọc Khoa	109,0	200,0	1.384.845	1.694.000	3.078.845
4	Phạm Văn Kế		300,0	-	2.541.000	2.541.000
5	Phạm Văn Phẩm		270,0	-	2.286.900	2.286.900
6	Tạ Văn Chức		480,0	-	4.065.600	4.065.600
II	KHU 9					
7	Nguyễn Xuân Cảnh	955,0		12.133.275	-	12.133.275
8	Nguyễn Thị Thanh	884,0		11.231.220	-	11.231.220
9	Nguyễn Đình Mạc	125,0		1.588.125	-	1.588.125
10	Đoàn Văn Khoa		596,0	-	5.048.120	5.048.120
11	Nguyễn Đình Phiến	80,0		1.016.400	-	1.016.400
12	Nguyễn Thị Phúc	372,0	297,0	4.726.260	2.515.590	7.241.850
13	Nguyễn Đình Hùng		650,0	-	5.505.500	5.505.500
14	Nguyễn Đình Thắng		1082,0	-	9.164.540	9.164.540
15	Nguyễn Thị Giá	254,0		3.227.070	-	3.227.070
16	Nguyễn Đình Chi	250,0		3.176.250	-	3.176.250
17	Nguyễn Đình Cường	50,0		635.250	-	635.250
18	Nguyễn Xuân Đàm	60,0		762.300	-	762.300
19	Đoàn Thị Ước	200,0		2.541.000	-	2.541.000

***Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project***

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

STT	Họ tên chủ sử dụng	Diện tích đất bị ảnh hưởng (m ²)		Kinh phí hỗ trợ (đồng)		Tổng kinh phí bồi thường, hỗ trợ (đồng)
		Diện tích xô sạt	Diện tích ngập úng	Hỗ trợ xô sạt (03 vụ)	Hỗ trợ ngập úng (02 vụ)	
20	Đoàn Văn Sinh	100,0		1.270.500	-	1.270.500
21	Nguyễn Đình Đào	80,0		1.016.400	-	1.016.400
22	Nguyễn Thị Dung	50,0		635.250	-	635.250
23	Nguyễn Duy Toàn	100,0		1.270.500	-	1.270.500
24	Nguyễn Thị Lan (Vĩnh)		534,0	-	4.522.980	4.522.980
25	Nguyễn Đình Dũng (H)		589,0	-	4.988.830	4.988.830
26	Nguyễn Đình Nhân		680,0	-	5.759.600	5.759.600
27	Kiều Sỹ Tuấn	144,0		1.829.520	-	1.829.520
28	Bùi Văn Thúc	103,0	266,0	1.308.615	2.253.020	3.561.635
29	Nguyễn Duy Chuyển (Sơn)	80,0		1.016.400	-	1.016.400
30	Nguyễn Thị Cúc		292,0	-	2.473.240	2.473.240
31	Nguyễn Thị Nhật		706,0	-	5.979.820	5.979.820
32	Nguyễn Văn Kết		288,0	-	2.439.360	2.439.360
33	Nguyễn Thị Mâm		999,0	-	8.461.530	8.461.530
34	Nguyễn Đình Sáng (Hà)		501,0	-	4.243.470	4.243.470
35	Nguyễn Thị Lý (Lưu)		129,0	-	1.092.630	1.092.630
36	Nguyễn Thị Duyên	150,0		1.905.750	-	1.905.750
37	Nguyễn Duy Phúc		386,0	-	3.269.420	3.269.420
38	Nguyễn Thị Cánh		1120,0	-	9.486.400	9.486.400
39	Nguyễn Đình Tinh		728,0	-	6.166.160	6.166.160
40	Nguyễn Duy Sơn	830,0		10.545.150	-	10.545.150
41	Nguyễn Thị Ty	200,0		2.541.000	-	2.541.000
42	Nguyễn Thị Xuyên (Định)		300,0	-	2.541.000	2.541.000
43	Nguyễn Văn Vinh (Thức)		342,0	-	2.896.740	2.896.740
44	Nguyễn Đình Lượng		507,0	-	4.294.290	4.294.290
45	Nguyễn Thị Nhật		301,0	-	2.549.470	2.549.470
46	Nguyễn Thị Cánh		190,0	-	1.609.300	1.609.300

***Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project***

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

STT	Họ tên chủ sử dụng	Diện tích đất bị ảnh hưởng (m2)		Kinh phí hỗ trợ (đồng)		Tổng kinh phí bồi thường, hỗ trợ (đồng)
		Diện tích xô sạt	Diện tích ngập úng	Hỗ trợ xô sạt (03 vụ)	Hỗ trợ ngập úng (02 vụ)	
47	Nguyễn Duy Đồng		687,0	-	5.818.890	5.818.890
48	Nguyễn Duy Phúc	654,0	827,0	8.309.070	7.004.690	15.313.760
49	Nguyễn Đình Dũng (Hiện)	150,0		1.905.750	-	1.905.750
50	Nguyễn Thị Hòa	180,0	512,0	2.286.900	4.336.640	6.623.540
51	Nguyễn Duy Sơn		941,0	-	7.970.270	7.970.270
52	Nguyễn Thị Nhi		329,4	-	2.790.018	2.790.018
III	KHU 10					
53	Nguyễn Thành Long		253,0	-	2.142.910	2.142.910
54	Nguyễn Thị Tính		501,0	-	4.243.470	4.243.470
55	Nguyễn Văn Thịnh	215,1		2.732.846	-	2.732.846
IV	KHU 14					
56	Phạm Văn Nhất		945,0	-	8.004.150	8.004.150
57	Hoàng Thị Huế		838,0	-	7.097.860	7.097.860
58	Lê Chí Cường		252,0	-	2.134.440	2.134.440
59	Lương Văn Ất		605,0	-	5.124.350	5.124.350
60	Phạm Văn Lợi	631,0		8.016.855	-	8.016.855
61	Phạm Văn Ty	300,0		3.811.500	-	3.811.500
62	Lương Văn Khoa		656,0	-	5.556.320	5.556.320
V	KHU 15					
63	Triệu Đình Kha	393,0		4.993.065	-	4.993.065
64	Trần Văn Hạnh	195,0		2.477.475	-	2.477.475
65	Trần Văn Tính	198,0		2.515.590	-	2.515.590
66	Phạm Thị Lý	55,0		698.775	-	698.775
VI	KHU 16					
74	Lương Văn Minh	486	1697,1	-	14.374.437	14.374.437
75	Lê Thị Hành	✓	100,0	-	847.000	847.000
76	Lê Thị Đoàn	265	815,0	-	6.903.050	6.903.050

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

STT	Họ tên chủ sử dụng	Diện tích đất bị ảnh hưởng (m2)		Kinh phí hỗ trợ (đồng)		Tổng kinh phí bồi thường, hỗ trợ (đồng)
		Diện tích xô sạt	Diện tích ngập úng	Hỗ trợ xô sạt (03 vụ)	Hỗ trợ ngập úng (02 vụ)	
77	Triệu Thị Tân	763	1034,0	-	8.757.980	8.757.980
78	Lương Văn Thọ ✓		208,0	-	1.761.760	1.761.760
79	Nguyễn Thị Thi ✓		175,0	-	1.482.250	1.482.250
80	Lương Văn Bộ ✓		430,0	-	3.642.100	3.642.100
81	Nguyễn Thị Hồng ✓	244,4 ✓	745,0 ✓	3.105.102	6.310.150	9.415.252
82	Lương Thị Huệ ✓		770,0	-	6.521.900	6.521.900
83	Phạm Thị Tiến ✓	329,0		4.179.945	-	4.179.945
84	Lương Văn Chúc ✓		267,4 ✓	-	2.264.878	2.264.878
85	Lương Văn Hiếu ✓	430,0 ✓		5.463.150	-	5.463.150
86	Lương Thị Hành ✓		157,0	-	1.329.790	1.329.790
87	Lương Văn Lý ✓		237,0	-	2.007.390	2.007.390
88	Trần Văn Ánh ✓		178,0	-	1.507.660	1.507.660
89	Lương Quang Vũ ✓		192,0	-	1.626.240	1.626.240
B	KINH PHÍ TỔ CHỨC THỰC HIỆN BT GPMB					7.082.000
I	Kinh phí Hội đồng BT					6.374.000
II	Kinh phí thẩm định PABT					708.000
C	TỔNG CỘNG (A+B)					361.158.916

(Bảng chữ: Ba trăm sáu một triệu một trăm năm tám nghìn chín trăm mười sáu đồng)

LẬP DỰ TOÁN

Nguyễn Thị Liễu

KT. CHỦ TỊCH HĐ BT, HT & TĐC
PHÓ CHỦ TỊCH HỘI ĐỒNG



PTP TN&MT
Nguyễn Chiến Thắng

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A4

Table of complaints status

NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	During most of year 2013, not to much works at this location, so impacts were not significant	Km 81+420 Resident area	16/07/2013	<ul style="list-style-type: none"> - Watering activities - Public roads continue covered by soil and mud - Surfaces are regularly watered
1- Soil and mud is usually tracked onto public road. 2- Not enough water is sprayed on dusty surfaces so airborne dust level is high.	During most of year 2013, not to much works at this location, so impacts were not significant	Km84+400 (TL321C bridge) Resident area	25/04/2013	<ul style="list-style-type: none"> - Watering activities - Public roads continue covered by soil and mud - Surfaces are regularly watered
Soil slide down pipe culverts affecting the irrigation system	During most of year 2013, not to much works at this location, so impacts were not significant	Km 82+000 Resident area	15/6/2013	<ul style="list-style-type: none"> - Closely coordinate with affected HH and local authorities to expedite compensation for damages caused by construction activities. - Dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land. - Implement slope stabilization measures to minimize erosion.

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Documents related with compensation status

At Quan Khe commune

**ỦY BAN NHÂN DÂN
XÃ QUÂN KHÊ**

**CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập – Tự do – Hạnh phúc**

Quan Khê, ngày 29 tháng 12 năm 2013

**DANH SÁCH CHI TRẢ TIỀN HỖ TRỢ CÁC HỘ ẢNH HƯỞNG SẢN XUẤT
DO QUÁ TRÌNH THI CÔNG ĐƯỜNG CAO TỐC NỘI BÀI LÃO CẠI**

I. Các diện tích bị đất sạt lở ruộng/ Area affected by Soil sliding

STT	Họ và tên	Thửa đất	Diện tích (m2)	Mức độ ảnh hưởng	Đơn giá (đồng)	Thành tiền (đồng)	Tổng giá trị (đồng)	Ký nhận	Tên Người nhận	Số CMND
No.	Name	Field No.	Affected Area	Affect Extend	Unit Price	Copensation Amount	Total Amount	Signature	Name of Receiver	Identity Card No.
1	Hoàng Xuân Nhâm	193a	104	Sạt vừa	6.854	713.000	713.000	nhân	Hoàng Xuân Nhâm	130.185.540
2	Hoàng Văn Kiến	143a	147	Sạt vừa	6.854	1.008.000	1.008.000	Kiến	Hoàng Văn Kiến	130.923.516
3	Nguyễn Xuân Đại	361	194	Sạt vừa	6.854	1.332.000	5.685.000	Anh	Nguyễn Xuân Đại	130.654.023
4	Nguyễn Dũng Luyện	337	350	Sạt nặng	9.596	3.359.000	4.593.000	Hùng	Nguyễn Dũng Luyện	130.185.667
		281	30	Sạt vừa	6.854	206.000				
		317	269	Sạt nặng	9.596	2.581.000				
5	Nguyễn Việt Âu	317	269	Sạt vừa	6.854	1.844.000	7.317.000	nhân	Nguyễn Việt Âu	130.341.266
		135	272	Sạt vừa	6.854	1.864.000				
		314	150	Sạt vừa	6.854	1.028.000				
6	Nguyễn Xuân Gia	335	128	Sạt vừa	6.854	877.000	877.000	nhân	Nguyễn Xuân Gia	130.185.552
7	Nguyễn Thị Dụ	319	80	Sạt vừa	6.854	548.000	548.000	Đo	Nguyễn Thị Dụ	130.185.401
		319a	60	Sạt nặng	9.596	576.000	576.000	K. Chinh	Nguyễn Thị Chinh	130.185.482
8	Nguyễn Thị Chinh	211	68	Sạt nặng	9.596	653.000	653.000	nhân	Nguyễn Thị Chinh	130.185.482
		378	74	Sạt nặng	9.596	710.000	710.000	nhân	Nguyễn Thị Chinh	130.185.482
9	Nguyễn Thị Diễm	280	128	Sạt vừa	6.854	877.000	877.000	nhân	Nguyễn Thị Diễm	130.185.411
		279	536	Sạt nặng	9.596	5.143.000				
10	Đào Anh Dũng	128	147	Không canh tác được	13.709	2.015.000	9.971.000	nhân	Đào Anh Dũng	130.185.557
		336	171	Sạt nặng	9.596	1.641.000				
		336	171	Sạt vừa	6.854	1.172.000				

Khu Hành chính
Xã QUÂN KHÊ
Địa chính

Chủ tịch

NHÀ THẦU KEANGNAM

HỘI ĐỒNG BỒI THƯỜNG GPMB

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

STT	Họ và tên	Thửa đất	Diện tích (m2)	Mức độ ảnh hưởng	Đơn giá (đồng)	Thành tiền (đồng)	Tổng giá trị (đồng)	Ký nhận	Tên Người nhận	Số CMND
No.	Name	Field No.	Affected Area	Affect Extend	Unit Price	Compensation Amount	Total Amount	Signature	Name of Receiver	Identity Card No.
11	Nguyễn Thanh Lam	278	448	Số sạt Nặng	9.596	4.299.000	4.299.000	<i>[Signature]</i>	Nguyễn Thanh Lam	130922529
12	Nguyễn Xuân Chanh	277	154	Số sạt Nặng	9.596	1.478.000	1.478.000	<i>[Signature]</i>	Nguyễn Xuân Chanh	130206920
13	Nguyễn Văn Sưu	281	53	Không canh tác được	13.709	727.000	4.795.000	<i>[Signature]</i>	Nguyễn Văn Sưu	130925519
		131a	306	Số sạt Nặng	9.596	2.936.000				
		458	118	Số sạt Nặng	9.596	1.132.000				
14	Nguyễn Xuân Lợi	258	120	Số sạt vừa	6.854	822.000	1.281.000	<i>[Signature]</i>	Nguyễn Xuân Lợi	132306979
		212	67	Số sạt vừa	6.854	459.000				
15	Nguyễn Thế Đường	183	100	Không canh tác được	13.709	1.371.000	1.371.000	<i>[Signature]</i>	Đoàn Thị Kim Hằng	130183623
16	Phạm Quang Lực	139	20	Số sạt vừa	6.854	137.000	11.553.000	<i>[Signature]</i>	Phạm Quang Lực	131284876
		277a	78	Số sạt Nặng	9.596	748.000				
		132	412	Không canh tác được	13.709	5.648.000				
		327	184	Số sạt Nặng	9.596	1.766.000				
		460	207	Số sạt Nặng	9.596	1.986.000				
		460	89	Số sạt vừa	6.854	610.000				
		431	96	Số sạt vừa	6.854	658.000				
17	Nguyễn Thị Dậu	213	30	Số sạt vừa	6.854	206.000	206.000	<i>[Signature]</i>	Nguyễn Thị Dậu	130185517
18	Nguyễn Văn Đăng	209	460	Số sạt Nặng	9.596	4.414.000	4.414.000	<i>[Signature]</i>	Nguyễn Văn Đăng	132506388
19	Nguyễn Văn Chính (Nguyễn Thị Đoan)	207	278	Không canh tác được	13.709	3.811.000	3.811.000	<i>[Signature]</i>	Nguyễn Thị Đoan	130741356
20	Phạm Văn Sắc	187	529	Không canh tác được	13.709	7.252.000	7.252.000	<i>[Signature]</i>	Phạm Văn Sắc	131319675
21	Trần Xuân Trường	132a	236	Không canh tác được	13.709	3.235.000	3.235.000	<i>[Signature]</i>	Trần Xuân Trường	131012764
22	Nguyễn Đức Chính	131b	82	Không canh tác được	13.709	1.124.000	1.124.000	<i>[Signature]</i>	Nguyễn Đức Chính	131017589
23	Trần Thị Thu	319b	32	Số sạt Nặng	9.596	307.000	307.000	<i>[Signature]</i>	Trần Thị Thu	130911048
		184d	20	Số sạt Nặng	9.596	192.000	192.000			

XÃ QUẬN KHÊ
Khu Hành chính Địa chính

Chủ tịch

NHÀ THẦU KEANGNAM

HỘI ĐỒNG BỒI THƯỜNG GPMB

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

STT	Họ và tên	Thửa đất	Diện tích (m ²)	Mức độ ảnh hưởng	Đơn giá (đồng)	Thành tiền (đồng)	Tổng giá trị (đồng)	Ký nhận	Tên Người nhận	Số CMND
No.	Name	Field No.	Affected Area	Affect Extend	Unit Price	Copensation Amount	Total Amount	Signature	Name of Receiver	Identity Card No.
24	Nguyễn Anh Sơn	107	100	Số sạt vừa	6.854	685.000	685.000	<i>Sơn</i>	<i>Nguyễn Anh Sơn</i>	132100730
25	Đỗ Ngọc Châu	137	100	Số sạt vừa	6.854	685.000	6.711.000	<i>Châu</i>	<i>Đỗ Ngọc Châu</i>	130208316
		260	440	Số sạt Nặng	9.596	4.222.000				
		260	188	Số sạt Nặng	9.596	1.804.000				
26	Nguyễn Chí Độ	257	30	Số sạt Nặng	9.596	288.000	288.000	<i>Độ</i>	<i>Nguyễn Chí Độ</i>	1301852101
27	Nguyễn Thị Dậu	363	150	Số sạt vừa	6.854	1.028.000	1.028.000	<i>Dậu</i>	<i>Nguyễn Thị Dậu</i>	130208320
28	Nguyễn Văn Tuyển	133	652	Không canh tác được	13.709	8.938.000	8.938.000	<i>Tuyển</i>	<i>Nguyễn Văn Tuyển</i>	132262750
29	Nguyễn Thị Niên	378a	134	Số sạt Nặng	9.596	1.286.000	1.286.000	<i>Niên</i>	<i>Nguyễn Thị Niên</i>	132508872
30	Nguyễn Thế Truyền	373	270	Số sạt vừa	6.854	1.851.000	1.851.000	<i>Truyền</i>	<i>Nguyễn Thế Truyền</i>	132508875
31	Hoàng Kim Sơn	318	214	Số sạt vừa	6.854	1.467.000	1.467.000	<i>Sơn</i>	<i>Hoàng Kim Sơn</i>	131528444
32	Nguyễn Thị Dậu	362	286	Số sạt Nặng	9.596	2.744.000	2.744.000	<i>Dậu</i>	<i>Nguyễn Thị Dậu</i>	130208320
33	Nguyễn Hồng Thái	362a	143	Số sạt vừa	6.854	980.000	980.000	<i>Thái</i>	<i>Nguyễn Hồng Thái</i>	131009187
34	Nguyễn Xuân Chanh	387a	164	Số sạt Nặng	9.596	1.574.000	1.574.000	<i>Chanh</i>	<i>Nguyễn Xuân Chanh</i>	130208320
35	Trần Xuân Chúc	478	471	Số sạt Nặng	9.596	4.520.000	6.439.000	<i>Chúc</i>	<i>Trần Xuân Chúc</i>	130185614
		511	200	Số sạt Nặng	9.596	1.919.000				
44	Nguyễn Thị Diễm	280	154	Số sạt Nặng	9.596	1.478.000	1.478.000	<i>Diễm</i>	<i>Nguyễn Thị Diễm</i>	131528411
45	Nguyễn Lý Hà	338	50	Số sạt Nặng	9.596	480.000	480.000	<i>Hà</i>	<i>Nguyễn Lý Hà</i>	132183154
46	Trần Thị Thu	338a	170	Số sạt Nặng	9.596	1.631.000	1.631.000	<i>Thu</i>	<i>Trần Thị Thu</i>	130811048
47	Ngô Thị Hòa	316	150	Số sạt Nặng	9.596	1.439.000	1.439.000	<i>Hòa</i>	<i>Ngô Thị Hòa</i>	130185967
48	Phạm Ngọc Quang	131	390	Không canh tác được	13.709	5.347.000	5.772.000	<i>Quang</i>	<i>Phạm Ngọc Quang</i>	130923504

XÃ QUẬN KHẾ
Khu Hành chính Địa chính

NHÀ THẦU KEANGNAM
Chủ tịch
Nguyễn Văn Tuấn

HỘI ĐỒNG BỒI THƯỜNG GPMB

Nguyễn Văn Tuấn

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

STT	Họ và tên	Thửa đất	Diện tích (m2)	Mức độ ảnh hưởng	Đơn giá (đồng)	Thành tiền (đồng)	Tổng giá trị (đồng)	Ký nhận	Tên Người nhận	Số CMND
No.	Name	Field No.	Affected Area	Affect Extend	Unit Price	Copensation Amount	Total Amount	Signature	Name of Receiver	Identity Card No.
		315	62	Số sạt vừa	6.854	425.000				
50	Lê Thị Huyền	182	20	Số sạt Nặng	9.596	192.000	192.000	<i>Huyền</i>	Lê Thị Huyền	131017531
52	Nguyễn Văn Tuyển	287c	20	Số sạt vừa	6.854	137.000	137.000	<i>Tuyển</i>	Nguyễn Văn Tuyển	132262750
53	Nguyễn Anh Sơn	226	158	Số sạt Nặng	9.596	1.516.000	1.516.000	<i>Sơn</i>	Nguyễn Anh Sơn	132111730
58	Trần Văn Mười	376	314	Không canh tác được	13.709	4.305.000	4.305.000	<i>Mười</i>	Trần Văn Mười	131685656
59	Hoàng Kim Sơn	459	356	Số sạt vừa	6.854	2.440.000	4.140.000	<i>Sơn</i>	Nguyễn Kim Sơn	131528447
		457	52	Không canh tác được	13.709	713.000				
		203	72	Không canh tác được	13.709	987.000				
60	Nguyễn Văn Tuyển	134	148	Số sạt vừa	6.854	1.014.000	1.014.000	<i>Tuyển</i>	Nguyễn Văn Tuyển	132262750
62	Hoàng Xuân Sinh	276	193	Số sạt vừa	6.854	1.323.000	1.323.000	<i>Huyền</i>	Ông Thi.T.Huyền	131053300
63	Nguyễn Quyết Chiến	255	200	Số sạt vừa	6.854	1.371.000	1.371.000	<i>Chiến</i>	Nguyễn Quyết Chiến	130185501
64	Nguyễn Văn An (1 an)	289	100	Số sạt vừa	6.854	685.000	685.000	<i>An</i>	Nguyễn Văn An	130923529
65	Nguyễn Kim Chung	290	100	Số sạt vừa	6.854	685.000	685.000	<i>Chung</i>	Nguyễn Kim Chung	132100145
67	Nguyễn Đức Chính	208	32	Số sạt Nặng	9.596	307.000	307.000	<i>Chính</i>	Nguyễn Đức Chính	131017539

Khu Hành chính







XÃ QUẬN KHÊ
Địa chính

Chủ tịch

NHÀ THẦU KEANGNAM

HỘI ĐỒNG BỒI THƯỜNG GPMB

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

STT	Họ và tên	Thửa đất	Diện tích (m2)	Mức độ ảnh hưởng	Đơn giá (đồng)	Thành tiền (đồng)	Tổng giá trị (đồng)	Ký nhận	Tên Người nhận	Số CMND
No.	Name	Field No.	Affected Area	Affect Extend	Unit Price	Copensation Amount	Total Amount	Signature	Name of Receiver	Identity Card No.
68	Lương Thị Phương	514	202	Số sạt Nặng	9.596	1.938.000	7.605.000			131 017689
		520	282	Số sạt Nặng	9.596	2.706.000				
		513	432	Số sạt vừa	6.854	2.961.000				
69	Bùi Hồng Phong	481	329	Số sạt Nặng	9.596	3.157.000	5.153.000			151 017691
		516	208	Số sạt Nặng	9.596	1.996.000				
		340	460	Số sạt Nặng	9.596	4.414.000				
70	Nguyễn Anh Sơn	475	216	Số sạt vừa	6.854	1.480.000	8.926.000			152 000750
		462	316	Số sạt Nặng	9.596	3.032.000				
Tổng			15.599			160.996.000				

II. Nhân công nạo vét mương thủy lợi/ Manpower for cleaning irrigation canals

Thời gian	Đơn giá	Thành tiền	Tổng công	Ký nhận
Tháng 4 năm 2012	150.000	3.600.000	9.600.000	CMND: 131 017691 <i>[Signature]</i>
Tháng 7 năm 2012	150.000	2.700.000		
Tháng 4 năm 2013	150.000	3.300.000		

TỔNG HỢP KINH PHÍ BỒI THƯỜNG

Hạng mục	Giá trị
I. Bồi thường sạt lở	160.996.000
II. Nhân công nạo vét	9.600.000
Tổng	170.596.000

XÃ QUẢN KHÊ
Khu Hành chính Địa chính

Chủ tịch

NHÀ THẦU KEANGNAM

HỘI ĐỒNG BỒI THƯỜNG GPMB

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A7

Table of complaints status

NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
The affect of land acquisition	Household has no way to go in and out because construction works of Noi Bai-Lao Cai highway	Km193+242	30/12/2011	Required to revoked this house or make the way (UNDERPASS CULVERT) to go in and out, EPMU had revoked this house
The earth overflow in fields	While construction the earth overflow in fields	Km209+200	13/1/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth overflow in fields	Km199+100	13/2/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth overflow in fields	Km193+700	24/3/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth overflow in fields	Km201+540	24/4/2012	We suggest the contractor to compensate for the filed areas are filled by earth, and apply the slope protection's method to avoid erosion and landsides when heavy raining , The contractor had coordinate with Local Authorities and EPMU to compensate for household

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
The earth overflow in fields	Earth from embankment road overflow into filed,	Km191+350	28/5/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	Earth from embankment road overflow into pond,	Km211+764	7/6/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth overflow in fields	Km193+700	17/7/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth overflow in fields	Km199+100	14/8/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth overflow in fields	Km209+200	25/9/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The affect of the follow rate in down tream of pipe culvert flow into fileds	The follow rate in down tream of pipe culvert flow into fileds	Km204+307	15/11/2012	Client coordinated with household inorder to revoke land, Untill 03/12/2012 the client not yet pay monney for household.
The affect of the follow rate in down tream of pipe	The follow rate in down tream of pipe culvert flow	Km204+307	3/12/2012	Client coordinated with household inorder to revoke land, EPMU had

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
culvert flow into fields	into fields			revoked this fields and payment money for this household
The earth overflow in fields	While construction the earth in the down stream of pile culvert overflow in fields	Km211+000	4/1/2013	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The affect of air quality during construction works	Exist road through her house many dust during time construction work.	Km209+300	27/2/2013	Request the contractor to watering at least 02 times/ day in order to air pollution mitigate during time construction work, The contractor had mobilize the watering car inorder to watering at this location but not satisfies
The affect of nosing during construction works	He said that his house effected by the blasting rock using for embankment construction work of the contractor	Km192+800	4/3/2013	Request the contractor to compensate household in order to continue construction work on site, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The affect of the follow rate in down tream of pipe culvert flow into fields	While construction the earth in the down stream of pile culvert overflow in fields	Km210+200	9/4/2013	Request the contractor to compensate household in order to continue construction work on site, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth from embankment slope overflow in fields	Km215+200	3/5/2013	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
The affect of air quality during construction works	The exist road on the front of household very dirty in dry season and slippery in raining day	Km209+329	11/6/2013	Request the contractor to watering at least 02 times/ day in sunyday and repair the exist road, The contractor had mobilize the watering car inorder to watering at this location but not satisfies
The earth overflow in fields	While construction the earth in the exist road overflow in fields at Km209+329	Km209+329	23/7/2013	Request the contractor to compensate household in order to continue construction work on site, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth in the down stream of pile culvert overflow in fields at Km212+100	Km212+100	13/8/2013	Request the contractor to compensate household in order to continue construction work on site, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth in the down stream of pile culvert overflow in fields at Km215+000	Km215+000	17/9/2013	Request the contractor to compensate household in order to continue construction work on site, The contractor had coordinate with Local Authorities and EPMU to compensate for household

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Table of compensation status

Location	Hamlets/ Commune/ District/ Province	Current status
Km207+000-Km207+800	Tan Thanh, Cam Con, Bao Yen, Lao Cai	The contractor had compensated for local people
Km213+000-Km214+000	Cam 1, Cam Con, Bao Yen, Lao Cai	The contractor had compensated for local people
Km209+280-Km209+800	Bong 1, Cam Con, Bao Yen, Lao Cai	The contractor had compensated for local people
Km210+780-Km211+200	Con 1, Cam Con, Bao Yen, Lao Cai	The contractor had compensated for local people
Km211+200-Km212+100	Con 2, Cam Con, Bao Yen, Lao Cai	The contractor had compensated for local people
Km214+000-Km215+000	Cam 4, Cam Con, Bao Yen, Lao Cai	The contractor had compensated for local people
Km216+260-Km217+960	Hong Cam, Cam Con, Bao Yen, Lao Cai	The contractor had compensated for local people
Km209+820-Km210+780	Tan Tien, Cam Con, Bao Yen, Lao Cai	The contractor had compensated for local people
Km206+200-Km207+000	Ly 1, Cam Con, Bao Yen, Lao Cai	The contractor had compensated for local people
Km205+000-Km206+000	Ly 2, Cam Con, Bao Yen, Lao Cai	The contractor had compensated for local people

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Documents related with compensation status

DANH SÁCH CÁC HỘ BỊ ẢNH HƯỞNG ĐƯỜNG CAO TỐC NỘI BÀI - LÀO CAI SẢN LƯỢNG/VỤ DIỆN TÍCH NĂM 2012, 2013										
Stt	Họ và tên	Địa chỉ	Diện tích (m2)	Số vụ	Sản lượng (Kg200/ 360m2)	Giá tiền (1.000đ/kg)	Mức hỗ trợ 70%	Thành Tiền (đồng)	Chủ hộ ký nhận	Ghi chú
1	Vũ Văn Bay	Tân Thành	360	3	055	7	7	2,910,600	Thuận	31/12/2012
2	Nguyễn Văn Quý	Tân Thành	81	3	055	7	7	654,885	Hùng	31/12/2012
3	Nguyễn Cao Việt	Tân Thành	196.7	3	055	7	7	1,590,320	Việt	31/12/2012
4	Nguyễn Văn Mạnh	Tân Thành	165.7	3	055	7	7	1,339,685	Mạnh	31/12/2012
5	Vũ Văn Lập	Tân Thành	116.1	3	055	7	7	938,669	Thuận	31/12/2012
6	Vũ Văn Tuệ	Tân Thành	274.2	3	055	7	7	2,216,907	Tuệ	31/12/2012
7	Phạm Thị Sim	Tân Thành	126	3	055	7	7	1,018,710	Sim	31/12/2012
8	Bùi Văn Miên	Tân Thành	360	3	055	7	7	2,910,600	Miên	31/12/2012
9	Dương Văn Duẩn	Tân Thành	40.4	3	055	7	7	326,634	Duẩn	31/12/2012
10	Bàn Văn Bền	Bản Cam 1	120	3	055	7	7	970,200	Bền	31/12/2012
11	Lương Văn Út	Bản Bồng 1	961	3	055	7	7	7,769,685	Út	31/12/2012
12	Sầm Văn Văn	Bản Bồng 1	256	3	055	4	8	1,351,680	Văn	31/12/2012
13	Lương Văn Mong	Bản Bồng 1	756	4	055	4	8	5,322,240	Mong	31/12/2012
14	Phùng Văn Cừ	Bản Bồng 1	108	3	055	7	7	873,180	Cừ	31/12/2012
15	Hoàng Văn Thắng	Bản Cộn 1	172	3	055	7	7	1,390,620	Thắng	31/12/2012
16	Lê Xuân Chinh	Bản Cộn 1	162	3	055	7	7	1,309,770	Chinh	31/12/2012
17	Lê Xuân Độ	Bản Cộn 1	360	3	055	7	7	2,910,600	Độ	31/12/2012
18	Hoàng Văn Hùng	Bản Cộn 1	185	2	055	7	7	997,150	Hùng	31/12/2012
19	Hoàng Văn Hùng	Bản Cộn 2	360	2	055	7	7	1,940,400	Hùng	31/12/2012
20	Hoàng Minh Đức	Bản Cộn 1	440	2	055	7	7	2,371,600	Đức	31/12/2012
21	Mai Văn Vị	Bản Cam 4	320	4	055	7	7	3,449,600	Vị	31/12/2012
22	Hoàng Văn Thông	Bản Cam 4	507	4	055	7	7	5,465,460	Thông	31/12/2012
23	Đoàn Văn Biên	Bản Cam 4	108	4	055	7	7	1,164,240	Biên	31/12/2012
24	Lê Thị Đào	Bản Cam 4	72	4	055	7	7	776,160	Đào	31/12/2012
25	Nguyễn Văn Bình	Bản Cam 4	540	4	055	7	7	5,821,200	Bình	31/12/2012

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

26	Phạm Văn Bắc	Bản Cam 4	360	4	055	7	7	3.880.800	Bắc	31/12/2012
27	Bùi Khắc Trần	Bản Cam 4	700	4	055	7	7	7.546.000	Phước	31/12/2012
28	Trần Văn Trường	Bản Cam 4	327	4	055	7	7	3.525.060	Trường	31/12/2012
29	Mai Thị Tý	Hồng Cam	1.135	4	055	7	7	12.235.300	Tý	31/12/2012
30	Phạm Văn Thà	Hồng Cam	99	3	055	7	7	800.415	Thà	31/12/2012
31	Lê Thị Văn	Hồng Cam	720	3	055	7	7	5.821.200	Văn	31/12/2012
32	Nguyễn Văn Cương	Hồng Cam	256	3	055	7	7	2.069.760	Cương	31/12/2012
33	Trần Văn Theo	Hồng Cam	194	3	055	7	7	1.568.490	Theo	31/12/2012
34	Phạm Văn Mười	Hồng Cam	135,4	3	055	7	7	1.094.709	Mười	31/12/2012
35	Nguyễn Văn Hải	Tân Tiến	425	2	055	7	7	2.290.750	Hải	31/12/2013
36	Hà Ngọc Minh	Bản Cộn 2	203	4	055	7	7	2.188.340	Minh	31/12/2012
37	Hoàng Văn Huyền	Bản Cộn 2	1.037,3	6	055	7	7	16.773.141	Huyền	31/12/2012
38	Sầm Quốc Khánh	Bản Cộn 2	188,9	4	055	7	7	2.036.342	Khánh	31/12/2012
39	La Thị Lôm	Bản Cộn 2	193,3	4	055	7	7	2.083.774	Lôm	31/12/2012
40	Hoàng Văn Tiến	Bản Cộn 2	402,0	2	055	7	7	2.166.780	Tiến	31/12/2012
41	Lưu Đình Xương	Bản Cộn 2	120	4	055	7	7	1.293.600	Xương	31/12/2012
42	Hoàng Văn Hiệp	Bản Cộn 2	15,3	4	055	7	7	164.934	Hiệp	31/12/2012
43	Hà Văn Than	Bản Cộn 2	42	4	055	7	7	452.760	Than	31/12/2012
44	Hoàng Văn Niên	Bản Cộn 2	256	6	055	7	7	4.139.520	Niên	31/12/2012
45	Hoàng Ngọc Viên	Bản Cộn 2	150	4	055	7	7	1.617.000	Viên	31/12/2012
46	Hoàng Minh Ngân	Bản Cộn 2	915	6	055	7	7	14.795.550	Ngân	31/12/2012
47	Hoàng Văn Liêm	Bản Cộn 2	272	6	055	7	7	4.398.240	Liêm	31/12/2012
48	Lữ Văn Đại	Bản Cộn 2	514	4	055	7	7	5.540.920	Đại	31/12/2012
49	La Thanh Trần	Bản Cộn 2	165	4	055	7	7	1.778.700	Trần	31/12/2012
50	Nguyễn Thị Định	Bản Lý 1	428	3	055	7	7	3.460.380	Định	31/12/2012
51	Đặng Văn Min	Bản Lý 1	80	3	055	7	7	646.800	Min	31/12/2012
52	Đỗ Văn Hạnh	Bản Lý 1	135	3	055	7	7	1.091.475	Hạnh	31/12/2012
53	Nguyễn Văn Thuyền	Bản Lý 1	372	3	055	7	7	3.007.620	Thuyền	31/12/2012
54	Lý Văn Thiệu	Bản Lý 2	400	4	055	7	7	4.312.000	Thiệu	31/12/2012
Tổng								170,571,154		

TM. ỦY BAN NHÂN DÂN XÃ
CHỦ TỊCH



Nguyễn Văn Thiệu

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

ỦY BAN NHÂN DÂN CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
XÃ CAM CỌN Độc lập - Tự do - Hạnh Phúc
Số: BB/UBND Cam Cọn, ngày 29 tháng 5 năm 2013

Biên bản làm việc
(V/v nhận gửi tiền đền sản lượng các vụ bị ảnh hưởng do thi công công trình
đường Cao tốc Nội Bùn Lào Cai địa phận xã Cam Cọn)

Tại Ủy ban nhân dân xã Cam Cọn

I. Đại diện chủ đầu tư

1. Ông: Hà Văn Khánh

II. Đại diện gói thầu A7

1. Ông: Hoàng Yong Quốc tịch Trung quốc

III. Đại diện Ủy ban nhân dân xã.

1. Ông: Nguyễn Văn Thường - Chủ tịch UBND xã

2. Bà Trịnh thị Hiền - CB địa chính xã

Tiến hành làm việc như sau:

Tổng số tiền phải hỗ trợ của các hội bị ảnh hưởng của năm 2011, 2012 là 170,571, 154 (Một trăm bảy mươi triệu năm trăm bảy một nghìn một trăm năm mươi tư đồng). Nhà thầu đã gửi tại UBND xã ngày 24/4/2013 là: 100.000.000 VNĐ (một trăm triệu đồng). Nay nhà thầu Trung Quốc thanh toán số còn lại là: 70,571.154 VNĐ (Bảy mươi triệu năm trăm bảy một nghìn một trăm năm mươi tư đồng)

Biên bản được lập thành 03 bản có giá trị như nhau.

ĐẠI DIỆN CHỦ ĐẦU TƯ

ĐẠI DIỆN GÓI THẦU A7

(Signature)

(Signature)

ĐẠI DIỆN ỦY BAN NHÂN DÂN XÃ



(Signature)
CHỦ TỊCH
Nguyễn Văn Thường

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A8

Table of complaints status

NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
The affect of land acquisition	The fields at downstream of pile culvert at it can flood.	Km232+070	30/12/2011	Required to revoked this fields, EPMU had revoked this fields
The affect of exist road during construction works	The exits road was broken by trucks or any vehicles which usually through this roads	Km200+00-Km200+100	10/1/2012	Require to repair and maintenance the exist road, The contractor had repair and didn't go through this road from May 2012
The earth overflow in fields	While construction the earth overflow in fields	Km230+480	22/2/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in cannal	200m canal are obstructed by construction works but the contractor didn't overcome	Km238+465	21/3/2012	Request the contractor to dredging to ensure irrigation system for farmer, The contractor had dredg to ensure irrigation system for farmer
The earth overflow in cannal	400m canal are obstructed by construction works	Km238+800	25/4/2012	Request the contractor to dredging to ensure irrigation system for farmer, The contractor had dredg to ensure irrigation system for farmer
The earth overflow in pond	Earth from embankment road overflow into pond	Km230+527-Km230+660	29/5/2012	Request the contractor and EPMU make a cannal through household to guide the water to drainage system, The contractor had make a box culvert

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
				through household to guide the water to drainage system
The earth overflow in lake	Earth overflow into Hai Tien Lake due to construction works of the contractor	Km227+065	10/6/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in household	While construction the earth overflow in house, garden and pond	Km230+295	25/7/2012	Request the contractor and EPMU make a cannal through household to guide the water to drainage system, Not yet done up to 30/10/2012
The earth overflow in household	While construction the earth overflow in households, garden and pond	Km230+450	22/8/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in cannal	While construction the earth overflow in canal cause obstructed flow rate and decrease the crop productivity	Km222+700-Km222+800	3/10/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in household	While construction the earth overflow in house, garden and pond	Km230+295	26/10/2012	Request the contractor and EPMU make a cannal through household to guide the water to drainage system, The contractor had make a box culvert through household to guide the water to

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
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NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
				drainage system
The affect of water quality during time construction works	Washing water of Concrete batching plant could osmose into well, it effect to water quality using for family life.	Km218+040	14/11/2012	Required the contractor to dig a trench to guide the washing water into settling pond, The contractor had dig a trench to guide the washing water into settling pond
The affect of the follow rate in down tream of pipe culvert flow into fileds	While construction the earth in the down stream of pile culvert overflow in fields and pond	Km237+150	7/12/2012	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The affect of the follow rate in down tream of pipe culvert flow into fileds	While construction the earth in the down stream of pile culvert overflow in fields	Km231+120	10/1/2013	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The affect of the follow rate in down tream of pipe culvert flow into fileds	While construction the earth in the down stream of pile culvert overflow in fields	Km219+150	28/2/2013	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The affect of the follow rate in down tream of pipe culvert flow into fileds	While construction the earth in the down stream of pile culvert overflow in fields	Km222+300	20/3/2013	Request the contractor to dredging or compensation, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The affect of vibration during time construction	Household effected (household was	Km237+900	10/4/2013	Request the contractor to compensate for household, The

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NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
works	cracked due to vibration) by the using machines (roller, excavations) for embankment construction work of the contractor			contractor had coordinate with Local Authorities and EPMU to compensate for household
The affect of vibration during time construction works	Household effected (household was cracked due to vibration) by the using machines (roller, excavations) for embankment construction work of the contractor	3/5/2013	3/5/2013	Request the contractor to compensate for household, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth in the down stream of pile culvert overflow in fields	12/6/2013	12/6/2013	Request the contractor to compensate for household, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth in the down stream of pile culvert overflow in fields at Km236+700	25/7/2013	25/7/2013	Request the contractor to compensate for household, The contractor had coordinate with Local Authorities and EPMU to compensate for household
The earth overflow in fields	While construction the earth in the down stream of pile culvert overflow in fields at Km222+000	8/8/2013	8/8/2013	Request the contractor to compensate for household, The contractor had coordinate with Local Authorities and EPMU to compensate for

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

NAME OF COMPLAINANT	ISSUE	LOCATION	DATE RECEIVED	ACTIONS TAKEN, STATUS AND NEXT STEPS
				household
The earth overflow in fields	While construction the earth in the down stream of pile culvert overflow in fields at Km240+100	6/9/2013	6/9/2013	Request the contractor to compensate for household, The contractor had coordinate with Local Authorities and EPMU to compensate for household

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Table of compensation status

Location	Hamlets/ Commune/ District/ Province	Current status
Km235+000-Km235+800	Tien Loi 1, Xuan Giao, Bao Thang, Lao Cai	The contractor had compensated for local people
Km234+100-Km234+756	Tien Loi 2, Xuan Giao, Bao Thang, Lao Cai	The contractor had compensated for local people
Km231+000- Km232+000	Vang 1, Xuan Giao, Bao Thang, Lao Cai	The contractor had compensated for local people
Km232+000- Km233+860	Vang 2, Xuan Giao, Bao Thang, Lao Cai	The contractor had compensated for local people
Km239+000-Km240+000	Muong, Gia Phu, Bao Thang, Lao Cai	The contractor had compensated for local people
Km240+100-Km241+950	Chang, Gia Phu, Bao Thang, Lao Cai	The contractor had compensated for local people
Km237+000-Km238+000	Son Ca, Gia Phu, Bao Thang, Lao Cai	The contractor had compensated for local people
Km235+000-Km236+000	Hung Thang, Gia Phu, Bao Thang, Lao Cai	The contractor had compensated for local people
Km236+700-Km237+200	Dong Luc, Gia Phu, Bao Thang, Lao Cai	The contractor had compensated for local people
Km236+100-Km236+700	Dong Cam, Gia Phu, Bao Thang, Lao Cai	The contractor had compensated for local people
Km226+800-Km227+500	Dong Tam, Son Hai, Bao Thang, Lao Cai	The contractor had compensated for local people
Km221+000-Km222+000	An Tra, Son Ha, Bao Thang, Lao Cai	The contractor had compensated for local people

Documents related with compensation status

Documents related with compensation status

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**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

24	Hương Văn Thành	Vùng 2	238		0,05	11,9%	Rừng lưa	267,750	000,400	✓	934,150	thanh	
	Tiến Văn Quý	Vùng 1	400	4		50%	Rừng lưa		3,648,000	✓	3,648,000	thanh	
	Nguyễn Văn Bình	Vùng 1	165	3		50%	Rừng lưa		1,728,600	✓	1,728,600	thanh	
25	Nguyễn Văn Kim	Vùng 1	245	4		50%	Rừng lưa		3,782,850	✓	3,782,850	thanh	
26	Hương Văn Bình	Vùng 1	552	2		50%	Rừng lưa		552,000	✓	552,000	thanh	
27	Đường Hồ Sĩ	Vùng 1	653	4	0,40	252,20	50%	Rừng lưa	5,987,000	5,732,000	✓	24,188,360	Sông
		Vùng 1	820	2		50%	Rừng lưa	80,125,000	80,125,000	✓	3,150,000	Sông	
27	Lưu Văn Đại	Vùng 1				148,00	Rừng lưa		9,120,000	✓	9,120,000	ngươi	
29	Lưu Văn Đại	Vùng 1	1,000	4		220,00	Rừng lưa		2,503,440	✓	2,503,440	Hương	
30	Vùng Văn Đoàn	Vùng 1	266	3		10,00	Rừng lưa		2,316,480	✓	2,316,480	Đen	
31	Lưu Văn Bình	Vùng 1	254	4			Rừng lưa		3,967,200	✓	3,967,200	thanh	
32	Hương Văn Bình	Vùng 1	435	4			Rừng lưa		420,000	✓	1,779,000	ngươi	
33	Trần Ngọc Kha	Hàng Xuân I	150	2		30,00	Rừng lưa	675,000	684,000	✓	1,779,000	ngươi	
TỔNG											130,230,511		

Năng suất lao là 5,7 lần thu của tích Lào Cai đã đạt được 8000kg ha là giá trị trường
các bộ dân của kết quả của nhận cần công được ra đường cần trả trả công.



Đại diện UBND xã Xuân Giáp

Nguyễn Thị Minh

Nhà ở tháng 3 năm 2013
Đại diện UBND xã Xuân Giáp



Nguyễn Thị Minh

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Đợt 1

**DANH SÁCH HỖ TRỢ CÁC HỘ DẪN BỊ ẢNH HƯỞNG NĂNG SUẤT LÚA VÀ KHÁC PHỤC ĐẤT TRẦN VÀO RUỘNG
THUỘC ĐỊA BÀN XÃ GIA PHÚ - HUYỆN BẢO THẮNG - TỈNH LÃO CAI
GỢI THẦU AS - ĐƯỜNG CAO TỐC NỘI BÀI LÃO CAI
LÝ TRÌNH: KM235+420 - KM242+00**

TT	Họ Tên	Thôn	DT lúa ảnh hưởng (m ²)	Số vụ ảnh hưởng (%)	Thành tiền	KL đất trần vào ruộng (m ³)	Đơn giá nạo vét (VNĐ/m ³)	Thành tiền	Tổng cộng	Ký Nhận
1	Trương Văn Chao	Mường	546,0	50 % 3Vu	3.734.640	109,24	25.000	2.731.000	6.465.640	Chao
			381,0			97,00	25.000	2.425.000	2.425.000	Chao
			102,0	50 % 2Vu	465.120	109,24	25.000	2.731.000	3.196.120	Chao
2	Lương Văn Đoàn	Chang	192,0	50 % 3Vu	1.313.280	172,80			1.313.280	Đoàn
3	Phạm Văn Can	Mường	543,0	50 % 3Vu		651,60			-	Can
4	Hoàng Văn Hải	Mường	1.204,0	50 % 3Vu		180,60			-	Hải
5	Hà Văn Huỳnh	Đồng Lạc	222,0	40 % 1Vu	404.928	33,30	25.000	832.500	1.237.428	Huỳnh
6	Đào Văn Bay	Đồng Lạc	685,0	40 % 1Vu	1.249.440	102,75	25.000	2.568.750	3.818.190	Bay
7	Đào Văn Páo	Sơn Ca	196,0	-	-	30,00	25.000	750.000	750.000	Páo
8	Đỗ Văn Thanh	Hùng Thắng	248,0	-	-	37,20	25.000	930.000	930.000	Thanh
9	Vũ Văn Hùng	Hùng Thắng	34,0	-	-	5,10	25.000	127.500	127.500	Hùng
10	Vũ Đức Ngồi	Hùng Thắng	254,0	-	-	12,70	25.000	317.500	317.500	Ngồi
11	Vũ Văn Thái	Hùng Thắng	334,0	-	-	49,65	25.000	1.241.250	1.241.250	Thái
12	Phạm Văn Thắng	Hùng Thắng	200,0	-	-	30,00	25.000	750.000	750.000	Thắng
13	Vũ Văn Thanh	Hùng Thắng	36,0	-	-	5,40	25.000	135.000	135.000	Thanh
14	Mai Văn Đức	Hùng Thắng	88,0	-	-	13,20	25.000	330.000	330.000	Đức
15	Vũ Văn Đức	Hùng Thắng	294,0	50 %	2.371.200	10,40	25.000	2.580.000	4.951.200	Đức
16	Phạm Văn Dương	Hùng Thắng	181,0	50 %	825.360	5,30	25.000	1.357.500	2.182.860	Dương
17	Vũ Văn Dương	Hùng Thắng	190,0	50 %	1.332.000	28,50	25.000	712.500	1.145.500	Dương

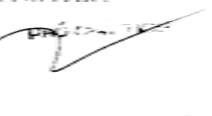
**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

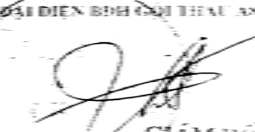
Đợt 1

**DANH SÁCH HỒ TRỢ CÁC HỘ DẠNG BỊ ẢNH HƯỞNG NĂNG SUẤT LỬA VÀ KHÁC PHỤC ĐẤT TRẦN VÀO RUỘNG
THUỘC ĐỊA BÀN XÃ GIA PHÚ - HUYỆN BẢO THẮNG - TỈNH LÀO CAI
GÓI THẦU A8 - ĐƯỜNG CAO TỐC NỘI BÀI LÀO CAI
LÝ TRÌNH: KM235+420 - KM242+00**

TT	Họ Tên	Thôn	DT lúa ảnh hưởng (m ²)	Số vụ ảnh hưởng (%)	Thành tiền	KL đất trần vào ruộng (m ³)	Đơn giá nạo vét (VNĐ/m ³)	Thành tiền	Tổng cộng	Ký Nhận
18	Phạm Văn Yên	Hùng Thắng	292.0	-	-	92.80	25,000	2,320,000	2,320,000	* Yên
19	Hà Văn Nhung	Đồng Lục	163.0	-	-	24.45	25,000	611,250	611,250	* Nhung
20	Phạm Văn Khuynh	Đồng Lục	409.0	40 %/1Vu	746,916	61.35	25,000	1,533,750	2,279,766	* Khuynh
21	Bàn Văn Hân	Đồng Cầm	764.0	50 %/2Vu	3,483,840	274.40	25,000	6,860,000	10,343,840	* Hân
22	Trần Văn Tú	Đồng Cầm	78.0	50 %/2Vu	355,680	10.00	25,000	250,000	605,680	* Tú
23	Phạm Thị Thoa	Đồng Cầm	284.0	50 %/1Vu	647,520	99.40	25,000	2,485,000	3,132,520	* Thoa
24	Mai Ngọc Tân	Đồng Cầm	80.0	-	-	24.00	25,000	600,000	600,000	* Tân
25	Trần Văn Thuận	Đồng Cầm	100.0	-	-	10.00	25,000	250,000	250,000	* Thuận
26	Nguyễn Thị Bình	Đồng Cầm	1,194.0	-	-	148.00	25,000	3,700,000	3,700,000	* Bình
27	Bà Dục	Đồng Cầm								
Tổng									50,705,644	

Năng suất lúa 5.7 Tấn/ha của tỉnh Lào Cai đã đạt được: 8000VNĐ/kg lúa là giá thị trường.
Thiền hệ bà Dục ảnh hưởng diện tích gung

ĐẠI DIỆN ỦY BAN XÃ GIA PHÚ:

Phạm Văn Tuấn

ĐẠI DIỆN BÊN GÓI THẦU A8:

GIÁM ĐỐC
NGUYỄN VĂN THUẬN

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

Đợt 2

DANH SÁCH NHÀ THẦU VINACONEX HỖ TRỢ THIẾT HẠI VÀ KHẮC PHỤC NẠO VẾT ĐẤT LẦN 2

Cho các hộ dân bị ảnh hưởng trong quá trình thi công Đường cao tốc tại xã Sơn Hải, huyện Bảo Thắng, tỉnh Lào Cai

STT	Tên chủ hộ	Thôn	Diện tích ảnh hưởng (m ²)	Số vụ bị ảnh hưởng	Chiều dày đất phủ (m)	Khối lượng đất cần nạo vết (m ³)	Mức độ ảnh hưởng	Khu vực ảnh hưởng	Chi phí khắc phục, nạo vết đất phủ lấp (đ)	Chi phí hỗ trợ thiết bị tại bị ảnh hưởng (đ)	Chi phí cải tạo đất ruộng (đ)	Tổng	Hộ gia đình ký nhận
1	Đoàn Xuân Cảnh	Đồng Tâm	400,0	Hỗ trợ 1 vụ: 2,2 tấn cá/hà/năm: giá 40.000đ/kg cá các loại			50%	Ao cá	-	1.760.000		1.760.000	<i>Cảnh</i>
2	Trần Đăng Phán	Đồng Tâm	600,0	Hỗ trợ 2 vụ: 2,2 tấn cá/hà/năm: giá 40.000đ/kg cá các loại			50%	Ao cá	-	5.280.000		5.280.000	<i>Phán</i> 06/30/2013
3	Đỗ Văn Sáng (Hà Đình Tuấn)	Đồng Tâm	540,0	Hỗ trợ 2 vụ: 2,2 tấn cá/hà/năm: giá 40.000đ/kg cá các loại			50%	Ao cá		4.752.000		4.752.000	<i>Sáng</i> Đỗ Văn Sáng
Tổng cộng										-	11.792.000	-	11.792.000

Năng suất cá là 2,2 tấn hà/năm của tỉnh Lào Cai đã đạt được; 40.000đ/kg cá các loại theo biểu giá phòng nông nghiệp huyện cung cấp.

Tổng: 11.792.000

Năng suất lúa là 5,7 tấn/ha của tỉnh Lào Cai đã đạt được; 8.000đ/kg lúa là giá thị trường.

Các hộ cần cam kết sau khi nhận tiền không được rào đường cản trở thi công.

Đại diện UBND xã Sơn Hải

Phụ trách GPMB BDH Gói thầu A8

Ngày 09 tháng 5 năm 2013

Đại diện Ban điều hành Gói thầu A8

(Signature)
CHỖ CHỦ NƠI

(Signature)

Mai Xuân Lạp

(Signature)

Đỗ Văn Giáp

(Signature)

***Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project***

14. ANNEX 8: SUMMARY TABLE OF IMPOSED PENALTIES

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

PACKAGE A1

DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
16-Oct- 2013/GET1-POS- A1-2269	Construction work caused landslide on riversides at Tan Loi (Km 10+695) and Xuan Phuong (Km 7+660) Bridges but restoration works have not been carried out	The Engineer shall consider retaining money from next IPC if the Contractor doesn't submit the detail schedule for restoration work and working method statement as well by October 26, 2013	NO

PACKAGE A2

DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
26-Jul- 2013/GET1-POS- A2-2116	Bad practice in traffic maintenance and protection during carrying out construction work at TL309 Bridge (Km 34+480)	The Engineer already deducted VND 200,000,000.00 (two hundred million)	YES
26-Jul- 2013/GET1-POS- A2-2118	Fill materials for temporary access during construction of Ben Gao Bridge (Km 35+221) are yet to be fully dredged from the riverbed	The Engineer already temporarily retained VND 500,000,00.00 (five hundred million) until the Contractor corrects this defect	YES

PACKAGE A3

DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
11/7/2013- GET2-POS-A3- 2035	The Contractor carried out construction causing land slide down to rice fields of local people.	Remind (Mr. Kweon Oh Shin) Project Manager of POSCO E&C of solving land slide of Package A3	delay

**Loan 2391/2392 – VIE: GMS Kunming – Hai Phong Transport Corridor
Noi Bai – Lao Cai Highway Project**

DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
22/7/2013-GET2-POS-A3-2050	The Contractor carried out construction causing land slide down to rice fields of local people.	Remind Project Manager (Mr. Kweon Oh Shin) of POSCO E&C of solving land slide at Package A3 (Third time)	Until now, the Contractor has only supported at Phu Ninh commune – Phu Ninh district, Kim Duc commune – Viet Tri city, Ha Loc and Ha Thach commune – Phu Tho town, a part of Chi Tien commune – Thanh Ba district. However, there are a lot of locations where the Contractor hasn't carried out payment for local people as committed with ADB.
23/9/2013-GET2-POS-A3-2126	The Contractor carried out construction causing land slide down to rice fields of local people.	Remind Project Manager of POSCO E&C of delay in solving land slide at Tien Kien commune, Lam Thao district	delay

PACKAGE A4

DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
30/8/2013-GET2-KEA-A4-1293	No-cooperation with the Consultant	Warning the Project Manager of Keangnam – Package A4	Has cooperation with consultants

PACKAGE A5

DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
Ref. GET3-KEANGNAM-13-A5-494 dated on 2 nd July, 2013 GET-KEA-A5-	Road embankment erosion has damaged agricultural land in some sections along km 116 to 119	The Engineer required the Contractor to apply measures in order to solve this problem. If the situation is not	The Contractor combined with local authorities and local people to survey, determine

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DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
090 dated on 3 rd July, 2013 GET-KEA-A5- 103		improved, clause 2.2 (d) if section 01700 (referring to the Project's technical specification) will be immediately applied, as suspending payments the works related with the non compliance.	filled up volume for affected households during construction site, and then the Contractor compensated affected households for these damage. Besides, The Contractor planting grass at embankment and cutting slope in order to protect slope and prevent erosion. But, The Contractor does not dig adequately sized side drainage/ditch at erosion prone areas to direct surface run-off away from agricultural land
Ref. GET3- KEANGNAM-13- A5-494 dated on 2 nd July, 2013 GET-KEA-A5- 090 dated on 3 rd July, 2013 GET-KEA-A5- 103	From the road embankment where more than 100 drums of bitumen drums are placed, leaks/spills of bitumen have spread onto the embankment slope and adjacent land. The bitumen was used for waterproofing the underpass structure at km 131+130	The Engineer required the Contractor to apply measures in order to solve this problem. If the situation is not improved, clause 2.2 (d) if section 01700 (referring to the Project's technical specification) will be immediately applied, as suspending payments the works related with the non compliance.	The Contractor removed spilled bitumen and dispose contaminated soil. Besides, the Contractor also removed all bitument tanks to Km117.
Ref. GET3- KEANGNAM-13- A5-494 dated on	At station Km124+080, soil from construction site was slid into lake,	The Engineer required the Contractor to apply measures in order to	The Contractor combined with local authorities

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DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
2 nd July, 2013 GET-KEA-A5-090 dated on 3 rd July, 2013 GET-KEA-A5-103	to date, the spoils have not been removed.	solve this problem. If the situation is not improved, clause 2.2 (d) if section 01700 (referring to the Project's technical specification) will be immediately applied, as suspending payments the works related with the non compliance.	and local people to survey, determine filled up volume for affected households during construction site, and then the Contractor compensated affected households for these damage. Besides, the Contractor is planting grass on the embankment slope at this location in order to protect slope and prevent erosion. But, currently, dumped spoils still have not been removed by the Contractor.

PACKAGE A6

DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
GET3-DOOSAN-13-A6-412 dated on 2 nd July, 2013 GET3-DOOSAN-13-A6-474 dated on 6 th August, 2013	At station Km166+500, unsuitable material was dumped onto the riverbed, this disposal area was not approved by the Engineer, this situation may cause impact to water flow and water quality of the river	The Engineer required the Contractor to apply measures in order to solve this problem.	The Contractor are implementing measures in order to solve this problem as the requirements from ADB Mission as well as the Consultant. - The Contractor has already submitted Plan to remove all

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DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
			unsuitable soil at this location; - The Contractor are starting remove unsuitable soil at this location.
GET3-DOOSAN-13-A6-412 dated on 2 nd July, 2013	At Lang Lau bridge's construction site, excavated soil from on-going bridge works has partially obstructed the flow to nearby agricultural fields	The Engineer required the Contractor to apply measures in order to solve this problem.	The Contractor are implementing measures in order to solve this problem as the requirements from ADB Mission as well as the Consultant. - Remove excavated soil from the stream/riverbed at Lang Lau bridge site; - Undertake regular clearing of the channel section affected by construction

PACKAGE A7

DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
2.7.2013/ Ref. GET-GUA-107	Request of Environmental and safety mitigation measures	Proposed to keep 1.254 billion if the contractor not meet deadline	The contractor not yet improve
12.7.2013/ Ref. GET4-GRBCC-952	Require to overcome Environmental and Safety problems of Package A7	Apply the subitems e, section 2.2, items of 01700- Protect and control environment section 1 – General requirements, Volume 3 – General standards of Contract	The contractor not yet improve

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DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
18.7.2013/ Ref. GET4-Core team- 221	Proposed to deductions or paused payment with Package A7- Due to Non compliance of environmental responsibilities	Proposed to core team to keep payment with item relate to Non compliance of environmental responsibilities	The contractor not yet improve
29.7.2013/ Ref. GET-GUA-112	Non-compliance of instructions regarding of environment and safety mitigation measures requested by ADB	Stopped payment with item relate to Non compliance of environmental responsibilities	The contractor not yet improve
11.9.2013/ Ref. GET4-GRBCC-979	Require to overcome Environmental and Safety problems of Package A7	Proposed to keep payment at next IPC if the contractor not meet deadline	The contractor not yet improve
11.9.2013/ Ref. GET-GUA-125	Compliance with environmental convenans- Package A7	All payment saring IPC 28 are suspend until we notice actions on site	The contractor not yet improve
3.9.2013/ Ref. GET4-GRBCC-974	The Environmental monitoring plan quarter III, 2013	Proposed to keep payment at next IPC if the contractor not meet deadline	The contractor not yet improve
24.9.2013/ Ref. GET4-GRBCC-988	Require to stop dumping unsuitable material at Km208+890 and Km209+800	Proposed to keep payment at next IPC if the contractor not meet deadline	The contractor not yet improve

PACKAGE A8

DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
3.7.2013/ Ref. GET- VIN-089	Request to Environmental and safety mitigation measures	Proposed to keep paymnet of CBP if the contractor not meet deadline	The contractor had improved on time
12.7.2013/ Ref. GET4- Vinaconex- 816	Require to overcome Environmental and Safety problems of Package A8	Apply the subitems e, section 2.2, items of 01700- Protect and control environment section 1 – General	The contractor had improved on time

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DATE/ LETTER REFERENCE	ISSUE	PENALTY IMPOSED	EXECUTION (Y/N)
		requirements, Volume 3 – General standards of Contract	
23.7.2013/ Ref. GET- VIN-094	Request to Environmental and safety mitigation measures- follow up	Proposed to core team to keep payment with item relate to Non compliance of environmental responsibilities	The contractor had improved on time
24.7.2013/ Ref. GET4- Vinaconex- 823	Require to overcome Environmental and Safety problems of Package A8	Proposed to core team to keep payment with item relate to Non compliance of environmental responsibilities	The contractor had improved on time
26.7.2013/ Ref. GET4- Vinaconex- 828	Safety ensuring for access ladder lead to construction the deck slab of Bridge- Package A8	Proposed to deny checking and acceptance all item belong to top structure of these Bridge	The contractor had improved on time
11.9.2013/ Ref. GET4- Vinaconex- 859	Require to overcome Environmental and Safety problems of Package A8	Proposed to core team to keep payment with item relate to Non compliance of environmental responsibilities	The contractor had improved on time