

**GOVERNMENT OF SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT**



Expressway Development (Da Nang - Quang Ngai) Project
CREDIT NO. 3843-VN DATED MAY 27, 2004



ADDENDUM NO. 8
(ADDITIONAL WORKS)
TO
Consulting Services Contract
No. 01/DD-EDDQP/2011
FOR (DETAILED DESIGN)

GIAO

BETWEEN

PROJECT MANAGEMENT UNIT NO. 85 (PMU85)

AND

THE JOINT VENTURE
NIPPON KOEI Co., Ltd. - NIPPON ENGINEERING
CONSULTANTS Co.,Ltd. - CHODAI Co., Ltd. – THAI
ENGINEERING CONSULTANTS Co.,Ltd.

DECEMBER 2014

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ADDENDUM NO. 8
TO CONTRACT NO. 01/DD-EDDQP/2011
FOR DETAILED DESIGN (D.D) CONSULTING SERVICES UNDER (DA NANG –
QUANG NGAI) EXPRESSWAY DEVELOPMENT PROJECT (DQEP)

This ADDENDUM NO. 8 to Contract No. 01/DD-EDDQP/2011 is made on *31st December*, 2014, between, on the one hand, Project Management Unit No. 85 (PMU85) (hereinafter called the “Client”), and, on the other hand, a joint venture of consisting of the following entities, each of which will be jointly and severally liable to the Client for all the Consultant’s obligations under this Contract, namely, Nippon Koei Co., Ltd., Nippon Engineering Consultants Co., Ltd., Chodai Co., Ltd. and Thai Engineering Consultants Co., Ltd. (hereinafter called the “Consultant”).

WHEREAS, the Contract No. 01/DD-EDDQP/2011 dated November 15, 2011 (the Original Contract), Addendum No. 1 dated December 27, 2011, Addendum No. 2 dated November 29, 2012, Addendum No. 3 dated January 30, 2013, Addendum No. 4 dated April 26, 2013, Addendum No. 5 dated July 31, 2013, Addendum No. 6 dated January 09, 2014, Addendum No.7 dated December 29, 2014 to the Original Contract for D.D consulting services under DQEP.

WHEREAS, MOT’s letter No. 15696/BGTVT-CQLXD dated December 9, 2014 and MOT’s letter No. 16350/BGTVT-CQLXD dated December 22, 2014 regarding authorization of PMU85 for approval of the additional cost for Detailed Design Consulting Services under DQEP.

WHEREAS, PMU85’s Decision No 2218/QD-BGTVT dated December 26, 2014 regarding the approval for additional cost for Detailed Design Consulting Services under DQEP.

WHEREAS, WB’s letter dated December 31, 2014 regarding no objection to draft contract Addendum No. 8 for detailed design consulting services under DQEP.

NOW THIS ADDENDUM NO.8 WITNESSES THE FOLLOWINGS:

1. Amendment of some contents of Special Conditions of the Original Contract as follows:

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Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
6.2(a)	<p>The Contract Price after Addendum 8 is revised as follows: “The amount in foreign currencies is: JPY 480,628,512.0 and US\$ 6,594,661.0 including all taxes and fees in compliance with regulations, of which:</p> <ul style="list-style-type: none"> - Foreign currencies as in original contract: JPY 463,338,527 and US\$ 6,174,100 including all taxes and fees in compliance with regulations. - Foreign currencies of Addendum No. 8 on Additional works out of TOR is: JPY 17,289,985.0 and USD 420,561.0, including all taxes and fees in compliance with regulations and shall be covered by the Contingency of original contract. <p>Contingencies Amount in original contract is JPY 40,015,600.0 and US\$ 533,218.00. After adding the cost of Addendum No. 8, the remaining amount of contingency in the original contract is JPY 22,725,615.0 and US\$ 112,657.0 ”</p>
6.3	<p>The Parties agreed on the additional cost for additional works arisen out of the terms of Reference in accordance with GCC 2.4. The Terms of Reference for additional works and the breakdown of the additional cost are shown in Annex 1 and Annex 3 attached to this Addendum No. 8.</p>
6.4	<p>..... </p> <ul style="list-style-type: none"> • Ten (10) percent of the contract price (equivalently 46,333,853 JPY + 617,410 USD exclusive of the contingency amount) shall be paid upon submission and approval of Final Project Completion Report. • Payment of additional works arisen out of the Terms of Reference of the original contract (equivalently JPY 17,289,985 and US\$ 420,561) shall be paid upon the submission of the Consultant for the required documents regarding the additional works. <p>..... </p>

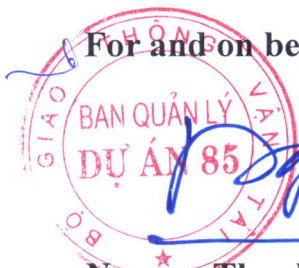
2. Amendment of Appendix A. Description of the Services of the original contract

(See Annex 1. Terms of Reference for Additional Works as attached herewith)

3. Amendment of Appendix C. Key Personnel and Sub-consultants of the original contract
(See Annex 2. Key Personnel as attached herewith)
4. Amendment of Appendix D. Cost Estimate of the original contract
(See Annex 3. Cost Estimate for Additional Works as attached herewith)
5. All terms and conditions of the Original Contract, Addendum No. 1, Addendum No. 2, Addendum No. 3, Addendum No. 4, Addendum No.5, Addendum No.6 and Addendum No.7 other than those amended above shall remain unchanged and in force.
6. Addendum No. 8 is made in ten (10) sets of the same validity, each party shall keep five (5) sets.

IN WITNESS WHEREOF, the Parties hereto have caused this Addendum No. 8 to be executed on the day, month and year indicated above.

For and on behalf of Project Management Unit No. 85. 



Nguyen Thanh Van
General Director

For and on behalf of each of the Members of the Consultant

Nippon Koei Co., Ltd.

Ichizuru Ishimoto
Project Manager/Team Leader
Da Nang-Quang Ngai Expressway Development Project
Nippon Koei Co., Ltd.

Nippon Engineering Consultants Co., Ltd.

吉崎 聡

Satoshi Yoshizaki
Chief Representative of Hanoi Office

Chodai Co., Ltd.

中村 仁司

Hitoshi Nakamura
Director International Division of Structural Engineering Department

Thai Engineering Consultants Co., Ltd.

พงษ์ศักดิ์ เดจ-อุดม

Pongsak Dej-Udom
President

MINUTES OF NEGOTIATION MEETING ON

ADDENDUM NO. 8

(ADDITIONAL COST FOR ADDITIONAL WORKS ARISEN OUT OF THE TERMS OF REFERENCE OF THE ORIGINAL CONTRACT)

TO CONTRACT NO. 01/DD-EDDQP/2011 FOR DETAILED DESIGN CONSULTING SERVICES UNDER (DA NANG – QUANG NGAI) EXPRESSWAY DEVELOPMENT PROJECT

Vinh, December 31, 2014

The negotiation meeting on Addendum No. 8 to the signed contract for D.D consulting services under (Da Nang – Quang Ngai) Expressway Development Project (hereinafter called “Contract”) was held on December , 2014 between Project Management Unit 85 (hereinafter called “the Client”) and Joint Venture of Nippon Koei Co., Ltd., Nippon Engineering Consultants Co., Ltd., Chodai Co., Ltd. and Thai Engineering Consultants Co., Ltd. (hereinafter called “the Engineer”) at PMU 85’s meeting room in Vinh city, Nghe An Province.

I. PARTICIPANTS:

1. PMU 85

- Mr. Pham Duy Khanh Deputy General Director, Chairman
- Mr. Phan Duy Khanh Project Manager
- Ms. Nguyen Thi Minh Hao Chief Accountant
- Ms. Nguyen Thi Uyen Deputy Chief of PP2

2. Consultant:

- Mr. Ichizuru Ishimoto Project Manager
- Mr. Hidekazu Fukuoda Chief Representative of Hanoi NK Office.

II. LEGAL BASIS

- Contract No. 01/DD-EDDQP/2011 dated November 15, 2011 (the Original Contract), Addendum No. 1 dated December 27, 2011, Addendum No. 2 dated November 29, 2012, Addendum No. 3 dated January 30, 2013, Addendum No. 4 dated April 26, 2013, Addendum No. 5 dated July 31, 2013, Addendum No. 6 dated January 09, 2014, Addendum No.7 dated December 29, 2014 to the Original Contract for D.D consulting services under DQEP.
- The Consultant’s letter No.DQEDD-PMU85-87-14 dated June 23, 2014; Letter No.DQEDD-PMU85-100-14 dated August 15, 2014 regarding the proposal for additional works for Detailed Design Consulting Services under DQEP.

- VEC's letter No.4100/VEC-KTCNMT dated November 11, 2014 regarding the proposal for additional cost for Detailed Design Consulting Services under DQEP.
- MOT's letter No. 15696/BGTVT-CQLXD dated December 9, 2014 and MOT's letter No. 16350/BGTVT-CQLXD dated December 22, 2014 regarding authorization of PMU85 for approval of the additional cost for Detailed Design Consulting Services under DQEP.
- PMU85's Decision No. 2218/QD-BQL dated December 26, 2014 regarding the approval for additional cost for Detailed Design Consulting Services under DQEP.

III. NEGOTIATION CONTENTS

Following MOT's authorization for PMU85 to approve the additional cost for D.D consulting services under the Project and PMU85's Decision 2218/QD-BQL dated December 26, 2014 regarding the approval for additional cost for Detailed Design Consulting Services under DQEP, PMU85 and the Consultant held a negotiation meeting on Addendum No. 8 and agreed on the followings:

1. Additional Cost for Additional Works Arisen out of the Terms of Reference

The additional cost for additional works approved by PMU85's Decision 2218/QD-BQL dated December 26, 2014 is summarized as follows:

No.	Additional Work Item	Additional Amount	
		JPY	USD
I	Total amount of 9 VO (excluding taxes)	14,932,260	363,212
1	VO-01: Modification of Alignment	7,430,000	26,265
2	VO-02: Additional topographic and environmental survey at populous residential area	61,200	8,396
3	VO-03: Additional length of soft ground sections	2,935,000	209,259
4	VO-05: Re-alignment at major cemeteries	2,030,000	77,181
5	VO-06: Preliminary design of Dung Quat 2 IC	605,000	9,199
6	VO-07: Change of pavement structure, Application of ATB/CTB	1,150,000	3,590
7	VO-08: Relocation of Quang Ngai North IC	1,310,000	26,050
8	VO-09: Deduction of RAP Preparation Works	-1,300,000	-14,025
9	VO-10: Additional Office Operation Cost	711,060	17,296
II	CIT (I/0.95*5%)	785,908	19,116
III	VAT (10%)	1,571,817	38,233
	Total of VOs (I+II+III)	17,289,985	420,561

Note: VO-04 is not applicable.

2. Total Amount of Addendum No. 8

Total Amount of Addendum No. 8 is summarized in the following table:

Component	Currency	Original Contract		Addendum 8 Amount		Contract Price after Addendum 8	
		JPY	USD	JPY	USD	JPY	USD
Remuneration	JPY/USD	393,450,000	696,000	14,221,200	30,600	407,671,200	726,600
Reimbursable expenses	JPY/USD	6,706,000	1,098,520	0	42,704	6,706,000	1,141,224
Miscellaneous expenses	JPY/USD	0	3,537,657	711,060	289,908	711,060	3,827,565
Subtotal (A)	JPY/USD	400,156,000	5,332,177	14,932,260	363,212	415,088,260	5,695,389
CIT (B)	JPY/USD	21,060,842	280,641	785,908	19,116	21,846,750	299,757
VAT (10% of A and B) (C)	JPY/USD	42,121,685	561,282	1,571,817	38,233	43,693,502	599,515
Contract Price (A+B+C)	JPY/USD	463,338,527	6,174,100	17,289,985	420,561	480,628,512	6,594,661
Contingency (D)	JPY/USD	40,015,600	533,218			22,725,615	112,657
Total (A+B+C+D)	JPY/USD	503,354,127	6,707,318	17,289,985	420,561	503,354,127	6,707,318

3. Payment Source for Additional Cost

The total additional cost for additional works arisen out of the Terms of Reference of the original contract is in the sum of JPY 17,289,985.0 and USD 420,560.0, which is smaller than the physical contingency amount of the original contract, which is in the sum of JPY 40,015,600.0 and USD 533,218.0. Therefore, the Parties agreed that the payment source of the additional cost for additional works arisen out of the Terms of Reference shall be taken from the contingency of the original contract.

4. Method of payment

Both parties discussed and agreed on the method of payment for additional cost as in Addendum No. 8 as follows:

Payment of Remuneration, allowances and survey cost shall be unit price based: The accepted quantity and unit price in the contract and mobilized personnel schedule as in Annex 2 attached to the Addendum.

Payment of office operation cost shall be applied following the rate of 5% of total amount of Vos certified.

5. Tax for additional cost in Addendum No. 8:

Additional amount in Addendum No. 8 includes taxes. The Consultant shall pay any taxes in accordance with Vietnam laws.

VAT of Addendum No. 8 shall be paid by PMU85 as stipulated in the original contract.

6. Progress of payment for Addendum No. 8.

After the Addendum is signed by both Parties and based on the submission of the Consultant, PMU85 shall review the documents and make payment to the Consultant

7. Other Contents

Two sides agreed and signed into the Minutes of Negotiation on Addendum No. 8 to the signed contract for consulting services under (Danang-Quang Ngai) Expressway Development Project on above mentioned date.

The other provisions and conditions of the original contract, Addendum No. 1, 2, 3, 4, 5, 6 and 7 that are not mentioned in this minutes will be maintained and effective.

This minutes will be made into 10 copies of English version and 10 copies of Vietnamese version with same validity.

For and on behalf of Project
Management Unit No. 85



Pham Duy Khanh
Deputy General Director

For and on behalf of the
Consultant

Ichizuru Ishimoto
Project Manager

Annex 1. Terms of Reference for Additional Works

VO No.1: Modification of Alignment

- Carry out the additional alignment studies and basic design for eight (8) re-aligned sections,

VO No.2: Additional topographic and environmental survey at populous residential area

(Survey)

- Carry out additional topographic survey out of 70m (as stipulation in TOR of the original contract) for 250m from the centerline for 8 aligned sections passing the populous residential areas along the project.

(Environmental Survey)

- Check the design controls for selecting optimum alignment based on the results of the topographic survey and site reconnaissance for the populous residential areas, update of Environmental Impact Assessment and relevant social survey.

(Design)

- Study appropriateness of the position of the alignment based on the result of the topographic, environmental and social survey.

VO No.3: Additional length of soft ground sections

(Survey)

- Carry out the additional geotechnical investigation for newly identified softground sections compared to the ones identified in the FS and Consultant's technical proposal.

(Design)

- Carry out the design for the newly- identified softground sections.

VO No.5: Re-alignment at Major Cemeteries

(Survey)

- Carry out the site reconnaissance for whole section of the alignment and identified all cemeteries along the project.
- Carry out additional topographic survey for KM0+500-2+680 and KM26+350-31+560.
- Carry out additional geotechnical investigations for the alignment shifted sections after the modified alignments were approved.

(Design)

- Study appropriateness of the position of the alignments for cemeteries along the alignment.

VO No.6: Preliminary Design of Dung Quat 2 IC

(Survey)

- Carry out additional topographic survey for area of planned Dung Quat 2 interchange.

(Design)

- Study the layout of the interchange, and implement the preliminary design of interchange.

VO No.7: Change of Pavement Structure, Application of ATB/CTB

(Design)

- Update the additional subgrade and pavement design with application of ATB/CTB. Apply ATB for the softground sections and CTB for non-softground sections.

VO No.8: Relocation of Quang Ngai North IC

(Survey)

- Carry out additional topographic survey for the relocation of Quang Ngai North interchange aiming at adequate data for detailed design.
- Carry out additional geotechnical investigation for the relocated alignment at Quang Ngai North interchange.

(Design)

- Study appropriateness of the layout of the interchange, and implement the detailed design after approval of the layout.

VO No.10: Additional Office Operation Cost

- Additional office operation cost during the period of the additional works.

Annex 3. Cost Estimate for Additional Works

4B. Summary of costs

Cost	Currencies	Original		Addendum No.8		Total	
		JPY	USD	JPY	USD	JPY	USD
Remuneration	JPY/USD	393,450,000	696,000	14,221,200	30,600	407,671,200	726,600
Reimbursable	JPY/USD	6,706,000	1,098,520		42,704	6,706,000	1,141,224
Miscellaneous Expenses	JPY/USD	0	3,537,657	711,060	289,908	711,060	3,827,565
Subtotal (A)	JPY/USD	400,156,000	5,332,177	14,932,260	363,212	415,088,260	5,695,389
Corporate Income Tax (B)	JPY/USD	21,060,842	280,641	785,908	19,116	21,846,751	299,757
VAT (10% of the sum of A and B) (C)	JPY/USD	42,121,685	561,282	1,571,817	38,233	43,693,502	599,515
Contact Price (A+B+C)	JPY/USD	463,338,527	6,174,100	17,289,985	420,561	480,628,512	6,594,661
Contingency (10% of the sum of A) (D)	JPY/USD	40,015,600	533,218	0	0	22,725,615	112,657
Total (A+B+C+D)	JPY/USD	503,354,127	6,707,318	17,289,985	420,561	503,354,127	6,707,318

4G. Cost Breakdown by Each Additional Work Item

No.	Main component	Sub component	Total Cost	
			JPY	USD
1	Remuneration		<u>14,221,200</u>	<u>30,600</u>
	11	International Consultant	14,221,200	0
	12	National Consultant	0	30,600
2	Reimbursable		<u>0</u>	<u>42,704</u>
	22	Perdiem Allowance	0	18,609
	23	Accommodation Allowance	0	24,095
3	Miscellaneous Expenses		<u>711,060</u>	<u>289,908</u>
	36	Survey Works	0	272,612
	38	Office Operation Cost (5%)	711,060	17,296
		Total	14,932,260	363,212

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4G-1. Breakdown of Additional Works

No.	Additional Work Item	Total Additional Costs	
		JPY	USD
I	Total (excluding CIT & VAT)	14,932,260	363,212
1	Modification of Alignment	7,430,000	26,265
2	Additional Topographic and Environmental Survey at Populous Residential Areas	61,200	8,396
3	Additional Length of Softground Sections	2,935,000	209,259
5	Re-alignment at Major Cemeteries	2,030,000	77,181
6	Preliminary Design of Dung Quat 2 IC	605,000	9,199
7	Change of Pavement Structure, Application of ATB/CTB	1,150,000	3,590
8	Relocation of Quang Ngai North IC	1,310,000	26,050
9	Update of RAP	-1,300,000	-14,025
10	Additional Office Operation Cost	711,060	17,296
II	CIT (I/0.95*0.05)	785,908	19,116
III	VAT (10%)	1,571,817	38,233
Total (I+II+III)		17,289,985	420,561

4G-2. Breakdown of Remuneration of International staffs

Code	Position	Additional MM	B/R		Amount	
			JPY	USD	JPY	USD
I1	Project Manager/Team Leader	1.30	2,250,000	-	2,925,000	-
I2	Senior Highway Engineer	2.30	1,900,000	-	4,370,000	-
I5	Highway Engineer 1	1.20	1,800,000	-	2,160,000	-
I8	Highway Engineer 2	2.25	1,200,000	-	2,700,000	-
I13	Tunnel Engineer	0.50	1,750,000	-	875,000	-
I20	Survey Engineer	0.036	1,700,000	-	61,200	-
I21	Soil/Geotechnical Engineer 2	1.60	1,200,000	-	1,920,000	-
I34	Construction Planner/Cost Estimator	0.30	1,700,000	-	510,000	-
I37	Resettlement Specialist	-1.00	1,300,000	-	-1,300,000	-
Total		8.49		-	14,221,200	-

4G-3. Breakdown of Remuneration of National staffs.

Code	Position	Additional MM	B/R		Amount	
			JPY	USD	JPY	USD
L1	Co-Project Manager	1.00	-	2,000	-	2,000
L2	Highway Engineer 1 (Geometric)	1.50	-	1,800	-	2,700
L3	Highway Engineer 2 (Road Structure)	2.00	-	1,300	-	2,600
L5	Bridge/Structure Engineer 1 (Superstructure)	0.50	-	1,600	-	800
L7	Highway Engineer 3 (Geometric)	2.20	-	1,600	-	3,520
L8	Highway Engineer 4 (Road Structure)	2.30	-	1,500	-	3,450
L11	Highway Engineer 5 (Geometric)	1.40	-	1,300	-	1,820
L19	Softground Treatment Specialist	4.00	-	1,600	-	6,400
L25	Senior Surveyor 1	3.18	-	1,700	-	5,406
L29	Soil/Geotechnical Engineer 3	3.40	-	1,600	-	5,440
L30	Soil/Geotechnical Engineer 4	1.50	-	1,300	-	1,950
L32	Hydraulic Engineer 1	0.40	-	1,600	-	640
L52	Senior Environmental Specialist	0.72		1,700		1,224
L54	Senior Resettlement Specialist	-1.50		1,700		-2,550
L55	Social and Resettlement Specialist	-1.50		1,600		-2,400
L56	Cultural and Archaeological Specialist	-1.50		1,600		-2,400
Sub-Total		19.60	-		-	30,600

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4G-4. Breakdown of Allowance

N o.	Description	Unit	Q'ty	Unit Price		Amount		
				JP Y	USD	JPY	USD	Total in USD
				(1)	(2)	(3)	(4)	(5)
2.	<u>Perdiem Allowance (fixed unit rate)</u>				-	-	-	<u>18,609</u>
2-1	International Consultant	months	8.5		1,500		12,729	12,729
2-2	National Consultant	months	19.6		300		5,880	5,880
3.	<u>Accommodation Allowance (fixed unit rate)</u>				-	-	-	<u>24,095</u>
3-1	International Consultant	months	8.5		1,800		15,275	15,275
3-3	National Consultant	months	19.6		450		8,820	8,820
Total								42,704

4G-5. Cost Summary of Additional Topographic Survey

No.	Additional Survey Works	Unit	Quantity	Unit Price (USD)	Amount (USD)
1	Modification of Alignment				
2	Additional Topographic and Environmental Survey at Populous Residential Areas (1/1000)	ha	87.228	66.94	5,839
3	Re-alignment at Major Cemeteries (1/1000)	ha	49.68	66.94	3,326
4	Preliminary Design of Dung Quat 2 IC (1/500)	ha	18.11	148.63	2,692
5	Relocation of Quang Ngai North IC (1/500)	ha	87.27	148.63	12,971
6	Mobilization and Temporary camp yard	L.S		2% of survey	497
7	Reporting	L.S		2% of survey	497
Total					25,821

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4G-6. Cost Summary of Additional Geotechnical Investigation

No.	Code	VO No.	Additional Survey Works	Cost (USD)
1	SGI-A	3	Additional Length of Softground Sections	182,854
2	SGI-B	5	Re-alignment at Major Cemeteries	59,932
3	SGI-C	8	Relocation of Quang Ngai North IC	4,005
Total				246,791

4G-6-1. Breakdown of Additional Geotechnical Investigation of Softground Sections

No.	Item	Unit	Unit Price (USD)	Additional Quantity	Amount (USD)
1	Nos. of boring for softground	nos.	-	131	-
2	Length of additional boring for softground	m	37.16	2303.6	85,602
3	Length of additional boring for Bridge (On shore)	m	46.28	0	0
4	Length of additional boring for Bridge (Off shore)	m	60.33	0.0	0
5	Standard Penetration Test (SPT)	nos.	16.03	1,137	18,226
6	Vane Shear Test	nos.	34.42	298	10,257
7	Undisturbed Sample Test	nos.	39.31	427	16,785
8	Disturbed Sample Test	nos.	24.55	161	3,953
9	Unconfined Compression Test (soil)	nos.	144.41	84	12,130
10	Consolidation Test	nos.	174.40	123	21,451
11	UU Test	nos.	201.12	22	4,425
12	CU Test	nos.	220.02	30	6,601
13	Mobilization and Temporary Camp Yard	L.S	2% of Boring	-	1,712
14	Reporting	L.S	2% of Boring	-	1,712
Total					182,854

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4G-6-2. Breakdown of Additional Geotechnical Investigation of Major Cemeteries

No.	Item	Unit	Unit Price (USD)	Additional Quantity	Amount (USD)
1		nos.	-	10	
2	Length of boring for normal embankment	m	37.16	72.3	2,687
3	Nos. of boring for normal embankment	nos.	-	16	
4	Length of boring for soft soil	m	37.16	343.0	12,746
5	Nos. of boring for deep excavation	nos.	-	11	
6	Length of boring for deep excavation	m	46.28	260	12,033
7	Nos. of boring for bridge	nos.	-	5	
8	Length of boring for bridge (on shore)	m	46.28	129.0	5,970
9	Length of boring for bridge (off shore)	m	60.33		0
10	Nos. of boring for boxculvert	nos.	-	15	
11	Length of boring for boxculvert	m	37.16	130.3	4,842
12	Standard Penetration Test (SPT)	nos.	16.03	347	5,562
13	Vane Shane Test	nos.	34.42	42	1,446
14	Undisturbed Sample Test	nos.	39.31	58	2,280
15	Disturbed Sample Test	nos.	24.55	108	2,651
16	Unconfined Compression Test (rock)	nos.	144.41	21	3,033
17	Unconfined Compression Test (soil)	nos.	144.41	10	1,444
18	Consolidation Test	nos.	174.40	11	1,918
19	UU Test	nos.	201.12	5	1,006
20	CU Test	nos.	220.02	4	880
21	Floating Equipment	nos.	1,000.00		0
22	Mobilization and Temporary Camp Yard	L.S	2% of Boring	1	717
23	Reporting	L.S	2% of Boring	1	717
Total					59,932

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4G-6-3. Breakdown of Additional Geotechnical Investigation of Quang Ngai North IC

No	Item	Unit	Unit Price (USD)	Additional Quantity	Amount (USD)
1	Nos. of additional boring for Quang ngai North IC	nos.	-	6	-
2	Additional length of boring for Over Pass	m	46.28	29.4	1,361
3	Additional length of boring for embankment & box culvert	m	37.16	36.0	1,338
4	Standard Penetration Test (SPT)	nos.	16.03	21	337
5	Undisturbed Sample Test	nos.	39.31	1	39
6	Disturbed Sample Test	nos.	24.55	10	246
7	Unconfined compression test	nos.	144.41	4	578
8	Mobilization and Temporary Camp Yard	L.S	2% of Boring	1	54
9	Reporting	L.S	2% of Boring	1	54
	Total				4,005

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204 *2/2* *10m*

December 31, 2014

Mr. Pham Duy Khanh
Deputy General Director
PMU85

Dear Mr. Khanh,

***Subject: Cr. 4941.4942-VN; Ln. 8049-VN
Da Nang – Quang Ngai Expressway Development Project (DQEP)***

***Detailed Design Consulting Service:
Response to Draft Contract Addendum No. 8***

We refer to your letter dated December 29, 2014 (received by the Bank on December 30, 2014) enclosing for our review the subject draft Addendum No. 8 to the Detailed Design Contract with the J/V of Nippon Koei, NE, Chodai and TEC. We have reviewed the provided documents and have the following comments:

1. All the proposed additional works appear to have been completed without contract amendment(s) signed before the dates of services incurred. In the draft Amendments which the Bank had no objection to (the latest one was Amendment No. 7 cleared by the Bank on December 29, 2014), the above additional works were not reported. This is not a good practice or does not follow the right procedures.
2. However, given that the additional works were proposed to be covered by the contract contingencies, that means the ceiling contract price remains unchanged, and the proposed value of JPY17,289,985 and USD420,561 accounts for less than 15% of the original contract price (excluding contingency) (3.7% of JPY portion and 6.8% of USD portion), therefore according to para. 3, Appendix 1 of the Bank's Consultant Guidelines applicable to the PPTAF subproject, the Bank's no objection shall not be required.

Please proceed with signing the contract addendum for this additional work no later than December 31, 2014 and send to the Bank for our record.

Sincerely yours,



Hoang Anh Dung
Senior Transport Specialist
Task Team Leader