

**ADDENDUM NO. 1**  
**FOR**  
**CONTRACT**  
**FOR**  
**ENGINEERING GEOLOGICAL SURVEY WORKS**  
**Package 2 (Bridge Section) (Km8+000-Km16+880)**  
**FOR**  
**Detailed Design For DaNang – QuangNgai Expressway Development Project**

This Addendum No. 1 is made on the 11 day of the month of December, 2013 between Joint Venture of NK – NEC – Chodai – TEC (hereinafter referred to as the “Consultant”) on the one part, and Thang Loi Engineering Consultant Co.,Ltd (hereinafter referred to as the “Sub-Consultant”) on the other part, concerning the Contract dated 31 August 2012 for Engineering Geological Survey for Package 2 (Bridge Section) (Km8+000-Km16+880) (hereinafter referred to as the “Original Contract”).

**WITNESSETH:**

WHEREAS, On the dated 15 November 2011, The Consultant and Project Management Unit 85 (PMU85) signed the contract No.01/DD- EDDQP/2011 for Consulting Services for Detailed Design for Da Nang – Quang Ngai Expressway Development Project;

WHEREAS, It was mutually agreed in Clause 2.14 in the Contract: “In case some modification and/or variation are requests made by Consultant and/or Client, those works shall be paid by Consultant basing on the unit price in BOQ and the actual quantity”;

WHEREAS, The Acceptance Minutes for Engineering Geological survey for Package 2, Bridge Section (Km8+000-Km16+880), which was approved by PMU85 dated July 08, 2013.

NOW THEREFORE, it is mutually agreed by and between the parties hereto as follows:

Followings shall be supplemented or modified in this Addendum. Clauses not specifically supplemented or modified shall remain in effect.

**Part II. General Conditions of Contract**

**2.1. Definitions**

Add new items as follows:

(s) The “Prime Contract” shall mean the contract for Consulting Services for Detailed Design for Da Nang – Quang Ngai Expressway Development Project between PMU85 and the Consultant on 15 November 2011.

(t) The “Original Contract” shall mean the contract for Engineering Geological Survey Work, Package 2, Bridge Section (Km8+000 – Km16+880) between the Consultant and the Sub-Consultant dated 31 August 2012.

(u) The “Original Contract Price” shall mean the sum named in the Original Contract as the Contract Price.

(v) The “Original Scope” shall mean the scope of works stipulated in the Terms of Reference (TOR) in the Prime Contract.

(w) The “Additional Scope” shall mean the scope of works NOT stipulated in the Terms of Reference (TOR) in the Prime Contract.

(x) The “Supplemental Work” shall mean supplemental work, which is not included the scope of the Contract, and to be carried out under the Original Scope, by the official instruction of the Consultant to the Sub-Consultant. No amendment of the Contract is required.

(y) The “Additional Work” shall mean additional work to be carried out under the Additional Scope. Amendment of the Contract is required.

## 2.12. Terms of Payment

For Clause 2.12, delete the whole sentences and replace with the following sentence:

- 1) This is a unit rate contract.
- 2) As soon as the Works has been started, the Sub-Consultant shall submit to the Consultant, the invoices of amount payable. After checking the invoices, the Consultant shall pay the Sub-Consultant in respect of the Works. The Consultant reserves the right to exclude such items that are not considered to be authenticated, from the payment.
- 3) First payment: Thirty Seven Thousand Four Hundred US Dollars (USD 37,400) equivalent to Forty percent (40%) of the Original Contract Price shall be made to the Sub-Consultant after approval by the Consultant for both of the following items:
  - Completion of mobilization of personnel and equipment at the Site,
  - Approval of the work plan by the Client.
- 4) Second payment: Thirty Seven Thousand Four Hundred US Dollars (USD 37,400) equivalent to Forty percent (40%) of the Original Contract Price shall be made to the Sub-Consultant upon acceptance of the outcome by the Consultant.
- 5) Third payment shall be paid for the remaining amount of the Original Contract after adjustment in accordance with performed work quantities for the Original Scope including the Supplemental Works. The payment equivalent to Nineteen Thousand Eight Hundred US Dollars (USD 19,800).
- 6) Forth payment: Fifty Thousand Fifty US Dollars (USD 50,050) equivalent to fifty percent (50%) of the Additional Work shall be made to the Sub-Consultant upon the Consultant’s acceptance of the outcome which is agreed by the Cleint.
- 7) Final payment: Fifty Thousand Fifty US Dollars (USD 50,050) equivalent to fifty percent (50%) of the Additional Work shall be made to the Sub-Consultant within six (06) months since the acceptance minutes for engineering geological survey is agreed by the Client.
- 8) No extra payments in respect of overtime, holiday work, additional equipment, materials and facilities, or special conditions of hardship shall be claimed by the Sub-Consultant beyond the Contract price.

9) Payment procedure is provided in Appendix-B. Remittance charge shall be paid by the Sub-Consultant.

10) The Sub-Consultant shall issue VAT invoice for each payment.

### **Appendix E – Priced Bill of Quantities**

Delete Table of Bill of Quantities (BOQ) entirely and replace with the following BOQ:

**Appendix-E: Priced Bill of Quantities  
Package 2\_Bridge Section (Km8+000-Km16+880)**

No.	Item	Unit	Unit Price	Original Scope				Amount				Additional Scope				Total		Remark
				Quantity		Actual	Contract	Actual	Contract	Addendum No.1		Quantity	Amount	Quantity	Amount	Quantity	Amount	
				Original	Supplemental					(7)	(8)							
				(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)			
A	Expressway																	
3	3.0 Bridge (BR)																	
3.1a	Mechanical Boring (On Shore)	(lm.)	41.74	1,320.00	1,198.00	138	1,336	55,097	55,765	1,520	63,436.45	2,856	119,201.09					
3.1b	Mechanical Boring (Off Shore)	(lm.)	54.41	120.00	106.00	0	106	6,529	5,767	86	4,679.26	192	10,446.72					
3.1c	Floating Equipment	(nos.)	1500	-	-	0	-	-	-	0	-	1	-					
3.2	3.2 Standard Penetration Test (SPT)	(points)	14.46	694.00	666.00	72	738	10,035	10,671	790	11,423.40	1,528	22,094.88					
3.3	3.3 Sampling	(nos.)	0	-	-	0	-	0	0	0	-	0	-					
3.4	3.4 Vane Shear Test (VST)	(nos.)	0	-	-	0	-	0	0	0	-	0	-					
3.5	3.5 Undisturbed Sample Test	(nos.)	39.31	-	-	111	111	0	4,363	106	4,166.86	217	8,530.27					
3.6	3.6 Disturbed Sample Test	(nos.)	22.14	385.00	255.00	18	273	8,524	6,044	61	1,305.54	334	7,394.76					
3.7	3.7 Test for Rock	(nos.)	117.25	8.00	-	0	-	938	0	0	-	0	-					
3.8	3.8 Unconfined Compression Test	(nos.)	144.41	-	-	0	-	0	0	25	3,610.25	25	3,610.25					
3.9	3.9 Consolidation Test (Cv)	(nos.)	174.4	-	-	0	-	0	0	15	2,616.00	15	2,616.00					
3.10	3.10 Triaxial Compression Test (UU)	(nos.)	0	-	-	0	-	0	0	0	-	0	-					
3.11	3.11 Triaxial Compression Test (CU)	(nos.)	0	-	-	0	-	0	0	0	-	0	-					
3.12	3.1 Water Quality Test	(nos.)	0	-	-	0	-	0	0	0	-	0	-					
3A	3A Viaduct and River Bridge																	
3A.1a	3A.1a Mechanical Boring (On Shore)	(lm.)	41.74	1105	1,007.00	-	1,007.00	46,122.70	42,032.18	1,142.80	47,700.47	2,149.80	89,732.65					
3A.1b	3A.1b Mechanical Boring (Off Shore)	(lm.)	54.41	120	106.00	-	106.00	6,529.20	5,767.46	86.00	4,679.26	192.00	10,446.72					
3A.1c	3A.1c Floating Equipment	(nos.)	1500	-	-	0	-	-	-	-	-	-	-					
3A.2	3A.2 Standard Penetration Test (SPT)	(points)	14.46	584	566.00	-	566.00	8,444.64	8,184.36	607.00	8,777.22	1,173.00	16,961.58					
3A.3	3A.3 Sampling	(nos.)	0	-	-	0	-	-	-	-	-	-	-					
3A.4	3A.4 Vane Shear Test (VST)	(nos.)	0	-	-	0	-	-	-	-	-	-	-					
3A.5	3A.5 Undisturbed Sample Test	(nos.)	39.31	-	-	75.00	75.00	-	2,948.25	82.00	3,223.42	157.00	6,171.67					
3A.6	3A.6 Disturbed Sample Test	(nos.)	22.14	327	217.00	-	217.00	7,239.78	4,804.38	43.00	932.02	260.00	5,756.40					
3A.7	3A.7 Test for Rock	(nos.)	117.25	2	-	-	-	234.50	-	-	-	-	-					
3A.8	3A.8 Unconfined Compression Test	(nos.)	144.41	-	-	-	-	-	-	21.00	3,032.61	21.00	3,032.61					
3A.9	3A.9 Consolidation Test (Cv)	(nos.)	174.4	-	-	-	-	-	-	13.00	2,267.20	13.00	2,267.20					
3A.10	3A.10 Triaxial Compression Test (UU)	(nos.)	0	-	-	-	-	-	-	-	-	-	-					
3A.11	3A.11 Triaxial Compression Test (CU)	(nos.)	0	-	-	-	-	-	-	-	-	-	-					
3B	3B Overlay																	
3B.1	3B.1 Mechanical Boring (On Shore)	(lm.)	41.74	170	146.00	-	146.00	7,095.80	6,094.04	140.00	5,843.60	286.00	11,937.64					
3B.2	3B.2 Standard Penetration Test (SPT)	(points)	14.46	86	76.00	-	76.00	1,243.56	1,098.96	67.00	968.82	143.00	2,067.78					
3B.3	3B.3 Sampling	(nos.)	0	-	-	0	-	-	-	-	-	-	-					
3B.4	3B.4 Vane Shear Test (VST)	(nos.)	39.31	-	-	12.00	12.00	-	471.72	8.00	314.48	20.00	786.20					
3B.5	3B.5 Undisturbed Sample Test	(nos.)	39.31	-	-	26.00	26.00	-	1,018.44	575.64	1,771.12	34.00	752.76					
3B.6	3B.6 Disturbed Sample Test	(nos.)	22.14	46	26.00	-	26.00	1,018.44	575.64	2.00	288.82	2.00	288.82					
3B.7	3B.7 Test for Rock	(nos.)	144.41	-	-	-	-	-	-	2.00	288.82	2.00	288.82					
3B.8	3B.8 Unconfined Compression Test	(nos.)	174.4	-	-	-	-	-	-	1.00	174.40	1.00	174.40					
3B.9	3B.9 Consolidation Test (Cv)	(nos.)	174.4	-	-	-	-	-	-	-	-	-	-					
3C	3C Rampway Bridge																	
3C.1	3C.1 Mechanical Boring (On Shore)	(lm.)	41.74	-	-	138.00	138.00	-	5,760.12	229.00	9,538.46	367.00	15,318.58					
3C.2	3C.2 Standard Penetration Test (SPT)	(points)	14.46	-	-	72.00	72.00	-	1,041.12	113.00	1,633.98	185.00	2,675.10					
3C.3	3C.3 Sampling	(nos.)	0	-	-	24.00	24.00	-	943.44	11.00	432.41	35.00	1,375.85					
3C.4	3C.4 Disturbed Sample Test	(nos.)	39.31	-	-	18.00	18.00	-	398.52	16.00	354.24	34.00	752.76					
3C.5	3C.5 Unconfined Compression Test	(nos.)	144.41	-	-	-	-	-	-	-	-	-	-					
3C.6	3C.6 Test for Rock	(nos.)	174.4	-	-	-	-	-	-	1.00	144.41	1.00	144.41					
3C.7	3C.7 Unconfined Compression Test	(nos.)	174.4	-	-	-	-	-	-	1.00	174.40	1.00	174.40					
3C.8	3C.8 Consolidation Test (Cv)	(nos.)	174.4	-	-	-	-	-	-	1.00	174.40	1.00	174.40					
3D	3D River																	
3D.1	3D.1 Mechanical Boring (On Shore)	(lm.)	41.74	45	45.00	-	45.00	1,878.30	1,878.30	8.00	333.92	53.00	2,212.22					
3D.2	3D.2 Standard Penetration Test (SPT)	(points)	14.46	24	24.00	-	24.00	347.04	347.04	3.00	43.38	27.00	390.42					
3D.3	3D.3 Sampling	(nos.)	0	-	-	0	-	-	-	0	-	0	-					

No.	Item	Unit	Unit Price	Original Scope						Additional Scope			Total			Remark
				Contract	Quantity		Amount		Contract	Actual	Addendum No.1	Quantity	Amount	Quantity	Amount	
					Original	Supplemental	Total									
								Actual								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=4*5	(10)=4*8	(11)	(12)=4*11	(13)=8+11	(14)=10+12			
3D.4	Undisturbed Sample Test	(nos)	39.31	12	-	-	-	-	-	5.00	196.55	5.00	196.55			
3D.5	Disturbed Sample Test	(nos)	22.14	6	12.00	-	12.00	265.68	265.68	-6.00	132.84	6.00	132.84			
3D.6	Test for Rock	(nos)	117.25	6	-	-	-	703.50	-	-	-	-	-			
3D.7	Unconfined Compression Test	(nos)	144.41		-	-	-	-	-	1.00	144.41	1.00	144.41			
3D.8	Consolidation Test (Cv)	(nos)			-	-	-	-	-	-	-	-	-			
C	Mobilization and Temporary Camp Yard		1,363.10	1				1,200.00	1,200.00				1,200.00	2% of A+B (mechanical boring cost only)		
	Floating Equipment (for Off Shore Boring)							1,500.00	1,500.00				1,500.00			
D	Reporting		1363.1	1				1,200.00	1,200.00				1,200.00	2% of A+B (mechanical boring cost only)		
	SUB TOTAL							85,000.00	86,000.00		91,000.00		177,000.00			
	VAT							8,500.00	8,600.00		9,100.00		17,700.00			
	TOTAL							93,500.00	94,600.00		100,100.00		194,700.00			

All contents of the Contract, which are not specifically modified by this ADDENDUM NO. 1 shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this ADDENDUM NO. 1 in duplicate in English, in their respective names as of the day and year first above written.

**For and on behalf of the Consultant**

**For and on behalf of the Sub-Consultant**



**Ichizuru ISHIMOTO**  
**Project Manager**  
**JOINT VENTURE OF NK – NEC –**  
**CHODAI - TEC.**



**Nguyen Manh Cuong**  
**Director**  
**THANG LOI ENGINEERING**  
**CONSULTANTS CO.,LTD**