

**SOCIALIST REPUBLIC OF VIETNAM  
MINISTRY OF TRANSPORT  
PROJECT MANAGEMENT UNIT No. 85 (PMU85)**



**CONSULTING SERVICES  
FOR  
HAI VAN PASS TUNNEL CONSTRUCTION PROJECT  
CONTRACT No. 01/HVT/97  
(OECF Loan Agreements No. VNIV-5, VNVI-5 and VNIX-4)**

**CLAIM EVALAUTION REPORT  
FOR  
PACKAGE-1A: NORTH TUNNEL SECTION  
  
REPORT 1: CLAIM IDENTIFICATION**

**AUGUST 2004**

**JOINT VENTURE OF  
NIPPON KOEI CO., LTD. and LOUIS BERGER INTERNATIONAL INC.  
in association with  
TRANSPORT ENGINEERING DESIGN INCORPORATION**

Joint Venture of  
NIPPON KOEI CO., LTD., JAPAN and  
LOUIS BERGER INTERNATIONAL INC., USA  
In association with  
TRANSPORT ENGINEERING DESIGN  
INCORPORATION (TEDI), VIETNAM

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Ref. No. PMU- 180 - 04  
Date August 9, 2004

**To:**

Mr. Nguyen Ngoc Canh, Project Manager, PMU85

**Copy to: (Cover Only)**

Mr. Nguyen Ngoc Tran, General Director, PMU85 038-834-705  
(PK1A) Mr. Masashi Kuroda, Project Manager, Hazama - Cienco 6 Joint 054-873-567  
Venture  
1) RT1, 2) File

**SUBJECT:**

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**Submission of Draft Claim Evaluation Report (1)**

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Dear Mr. Canh,

After due checking of the claims submitted by the Contractor with his letter No. ENG-04-027 dated 12 February 2004, we have finalized the draft claim evaluation report (1) for claim identification step.

In order to finalize this report, we would like to hold a discussion when you have finished review the report.

Thank you for your kind attention. Please kindly inform us your convenient time for the discussion.

Sincerely yours,

Ichizuru Ishimoto

Project Manager

Encl.: Claim Evaluation Report (1): Claim Identification

2 sets

**CLAIM EVALAUTION REPORT FOR PACKAGE-1A: NOERTH TUNNEL SECTION**  
**Report 1: Claim Identification**

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## CLAIM EVALAUTION REPORT FOR PACKAGE-1A: NOERTH TUNNEL SECTION

### 1 General

The Contractor of Package-1A: North Tunnel Section, J/V of Hazama and Cienco 6, issued the claim letter by his letter No. ENG-04-027 dated 12 February 2004.

Correspondence list related to the claim is tabulated as shown in **Appendix-A**. The Contractor's presentation has been made as shown in **Appendix-B**.

### 2 Claim Management Procedure

The Consultant has been carrying out the project management by referencing the following matrix indicated in PMBOK 2000 issued in 2001 by PMI (Project management Institute).

Process Groups Knowledge Area	Initiating	Planning	Executing	Controlling	Closing
4. Project Integration Management		4.1 Project Plan Development	4.2 Project Plan Execution	4.3 Integrated Change Control	
5. Project Scope Management	5.1 Initiation	5.2 Scope Planning 5.3 Scope Definition		5.4 Scope Verification 5.5 Scope Change Control	
6. Project Time Management		6.1 Activity Definition 6.2 Activity Sequencing 6.3 Activity Duration Estimating 6.4 Schedule Development	6.6 Activity Weights Definition	6.5 Schedule Control 6.7 Progress Curves Development 6.8 Progress Monitoring	
7. Project Cost Management		7.1 Resource Planning 7.2 Cost Estimating 7.3 Cost Budgeting		7.4 Cost Control	
8. Project Quality Management		8.1 Quality Planning	8.2 Quality Assurance	8.3 Quality Control	
9. Project Human Resource Management		9.1 Organizational Planning 9.2 Staff Acquisition	9.3 Team Development		9.3 Project Completion
10. Project Communications Management		10.1 Communications Planning	10.2 Information Distribution	10.3 Performance Reporting	10.4 Administrative Closure
11. Project Risk Management		11.1 Risk Management Planning 11.2 Risk Identification 11.3 Qualitative Risk Analysis 11.4 Quantitative Risk Analysis 11.5 Risk Response Planning		11.6 Risk Monitoring and Control	
12. Project Procurement Management		12.1 Procurement Planning 12.2 Solicitation	12.3 Solicitation 12.4 Source Selection 12.5 Contract Administration		12.6 Contract Closeout
13. Project Safety Management		13.1 Safety Planning	13.2 Safety Plan Execution		13.3 Administration & Reporting
14. Project Environmental Management		14.1 Environmental Planning	14.2 Environmental Assurance	14.3 Environmental Control	
15. Project Financial Management		15.1 Financial Planning		15.2 Financial Control	15.3 Administration & Records
16. Project Claim Management		16.1 Claim Identification 16.2 Claim Quantification		16.3 Claim Prevention	16.3 Claim Resolution

**Figure 3–1.** Mapping of Project Management Processes and Construction Management Processes to the Process Groups and Knowledge Areas

Figure 2.1 Referenced Job Matrix (PMBOK 2000)

In accordance with Chapter 16 of the above table, the claim has been managed by the following four steps:

- 1) Claim Identification
- 2) Claim Quantification
- 3) Claim Prevention
- 4) Claim Resolution

This report is an outcome of Step 1: Claim Identification. After confirmation of this identification, Step 2: Claim Quantification will be carried out.

### **3 Step 1: Claim Identification**

#### **3.1 Purpose of Claim Identification**

Purpose of Claim Identification is:

- Interpretation of what the Contract requires,
- Confirmation of documented description of the activities viewed as extra to that required by the Contract

#### **3.2 Procedure of Identification**

Following procedure was applied to identify the claim:

- 1-1) Category and Type of Claim
- 1-2) Screening by FIDIC Clause 53
- 1-3) Verification of Grounds
- 1-4) Summary of Claim Identification

#### **3.3 Type and Category of Claim**

##### **3.3.1 Type of Claim**

A claim is additional compensation for extra work or an extension of time for completion or both. Following claim type is applied to identify this viewpoint:

**Table 3-1 Three Claim Type**

Type	Description	Nos of Claims
A	Claim for extra work to the Contract requirement	35
B	Claim for an extension of time (EOT) for completion	7
C	Claim for both extra work and EOT	7
Total		49

### 3.3.2 Five Categories Proposed

The Contractor categorized his claims as follows and the Engineer has no objection to this categorization.

**Table 3-2 Five Category of Claims**

Category	Description	Nos of Claims
C1	Issues Affecting Whole of Site and Causing Delay to Project Completion	2
C2	Issues Resulting in Delay to Ventilation Adit	7
C3	Issues Causing Delay to Main Tunnel and Project Completion	16
C4	Variation Issues not Relevant to Other Issue Category	14
C5	Issues Necessary for Acceleration of Project	10
Total		49

### 3.3.3 Grouping by Specific Events

Some claims in 49 are derived from same event and the Contractor proposed to manage by each group basis as follows:

**Table 3-3 Grouping by Specific Event**

Group	Category	Description	Nos. of Claims
G1	C2	144m Extension of Ventilation Adit	5
G2	C3	Rock Hardness	6
G3	C3	Provision of Temporary Cross Passage	3
G4	C5	Acceleration of Main Tunnel Excavation	10
G5	C1,C2,C3	Non-Contributing Production Resources Affected by Delay	3
G6	C4	Ventilation System and Lighting System at EP Tunnels 1 and 2	2
G7	C1,C2,C3,C4,C5	Others	20
Total			49

### 3.3.4 List of Claim

Through the above, all claims are summarized in the table below:

Table 3-4 List of Claim

Claim Code No.			Description	Extra Work Only (Type A)	EOTOnly (Type B)	Both (Type C)
CATEGORY 1 - Issues Affecting Whole of Site and Causing Delay to Project Completion						
C1	G7	CC.01	Deferred Commencement of Project and Related Matters		X	
	G5	CC.02	Non-Contributing Production Resources Affected by Commencement Delay	X		
CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit						
C2	G7	CC.03	Adverse Water Conditions			X
	G1	144m-Extension to Adit				
		CC.04	Time for Additional Excavation		X	
		CC.05	Time for Additional Concrete Lining		X	
		CC.06	Time for Relocation of Junction Works		X	
		CC.07	Unit Rates not Applicable to Extension (Excavation, Concrete, Shotcrete and others)	X		
		CC.08	Provision of Additional Ventilation Fans due to Excessive Heat	X		
	G5	CC.09	Non-Contributing Production Resources Affected by Ventilation Adit Works Delay	X		
CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion						
C3	G7	CC.10	North Portal + 72m			X
		CC.11	Rockbolts in Rock Support Type I Conditions			X
	G2	Rock Hardness				
		CC.12	Additional Drilling and Reduced Advance		X	
		CC.13	Overbreak			X
		CC.14	Bulking			X
		CC.15	Additional Volume of Concrete Lining, Waterproofing, Leveling Concrete and Aggregate Fill	X		
		CC.16	Increase in Repair and Maintenance	X		
		CC.17	Additional Shotcrete	X		
	G7	CC.18	Additional Layby at Relocated EP1			X
		CC.19	Remedial Works for Excess Geological Deformation		X	
		CC.20	Impact of Adit Delay on Main Tunnel Progress		X	
	G3	Provision of Temporary Cross Passages				
		CC.21	Temporary Cross Passage (TCP2) from MT to ET	X		
		CC.22	Temporary Connection Tunnel from VA to MT	X		
	G7	CC.23	Power Authority Power Failures			X
	G5	CC.24	Non-Contributing Production Resources Affected by Main Tunnel Works Delay	X		
	G7	CC.25	Consolidated EOT Request (including Time-Related Costs of Delay)	X		
CATEGORY 4 - Variation Issues not Relevant to Other Issue Category						
C4	G7	CC.26	Box-out Forms for Notches in Concrete Lining	X		
		CC.27	Provision of Water Treatment Plant	X		
	G6	CC.28	Ventilation System at EP Tunnels 1 and 2	X		
		CC.29	Lighting System at EP Tunnels 1 and 2	X		
	G7	CC.30	Steel Form for Concrete Lining of Permanent Cross Passages	X		
		CC.31	Reduction in Measured Works	X		
		CC.32	Redundant Permanent Materials (Wire Mesh, Rockbolts and others)	X		
		CC.33	Exchange Rate Impact on Imported Materials	X		
		CC.34	Slope Length Method of Measurement	X		
	G3	CC.35	Provision of Temporary Cross Passage (TCP1)	X		
	G7	CC.36	Removal of Boulders at North Portal, Adit Portal and Adit Access Road	X		
		CC.37	Price Adjustment of Blasting Materials	X		
CC.38		Temporary Gravel Bedding at Portal Plaza and Tunnel Road Maintenance	X			
CC.39		Extended Working Time for the Remaining Works (OT Premium)	X			
CATEGORY 5 -Issues Necessary for Acceleration of Project						
C5	G4	CC.40	Provision of Additional Drilling Jumbo at Workface	X		
		CC.41	Long Drilling Experimentation for Increased Advance	X		
		CC.42	Double Handling of Muck from Workface	X		
		CC.43	Deployment of 2nd Advance from South End of Tunnel	X		
		CC.44	Provision of Additional Equipment - 3rd Jumbo at MT Workface	X		
		CC.45	Provision of Additional Equipment - Excavators for Drainage	X		
		CC.46	Rear Works Commenced before Completion of MT Excavation	X		
		CC.47	Mobilisation of Additional Supervisory Personnel	X		
		CC.48	Provision of Temporary Cross Passages (TCP3 & TCP4)	X		
		CC.49	Provision of Additional Transformer	X		
Total				35	7	7

### 3.4 Claim Screening by FIDIC Clause 53

#### 3.4.1 Screening Procedure

In accordance with GCC Clause 53, all claims are identified and screened. Applied procedure is as shown in **Figure 3.1**

#### 3.4.2 List of Supportive Documents

FIDIC Clause 53 requires the following supportive documents to be submitted timely.

**Table 3-5 Required Supportive Documentation by FIDIC Clause 53**

Sub-Clause	Title	Required Supportive Documentation
53.1	Notice of Claims	Letter
53.2	Contemporary Records	Report
53.3	Substantiation of Claims	1) Detailed Particular 2) Grounds Upon 3) Interim Account 4) Final Account

List of the supportive documentation provided by the Contractor is shown in **Appendix-C**.

#### 3.4.3 Summary of Screened Results by FIDIC Clause 53

Screened result is summarized in **Figure 3.2** and **Table 3.6**.

As shown in the figure and table, the Contractor fails to comply with his obligation under Sub-Clause 53.1, 53.2 or 53.3. Therefore, Sub-Clause 53.4 should be applied for most of all claims which does not comply with the conditions.

The Engineer shall assess the claims by verification of the contemporary records available.

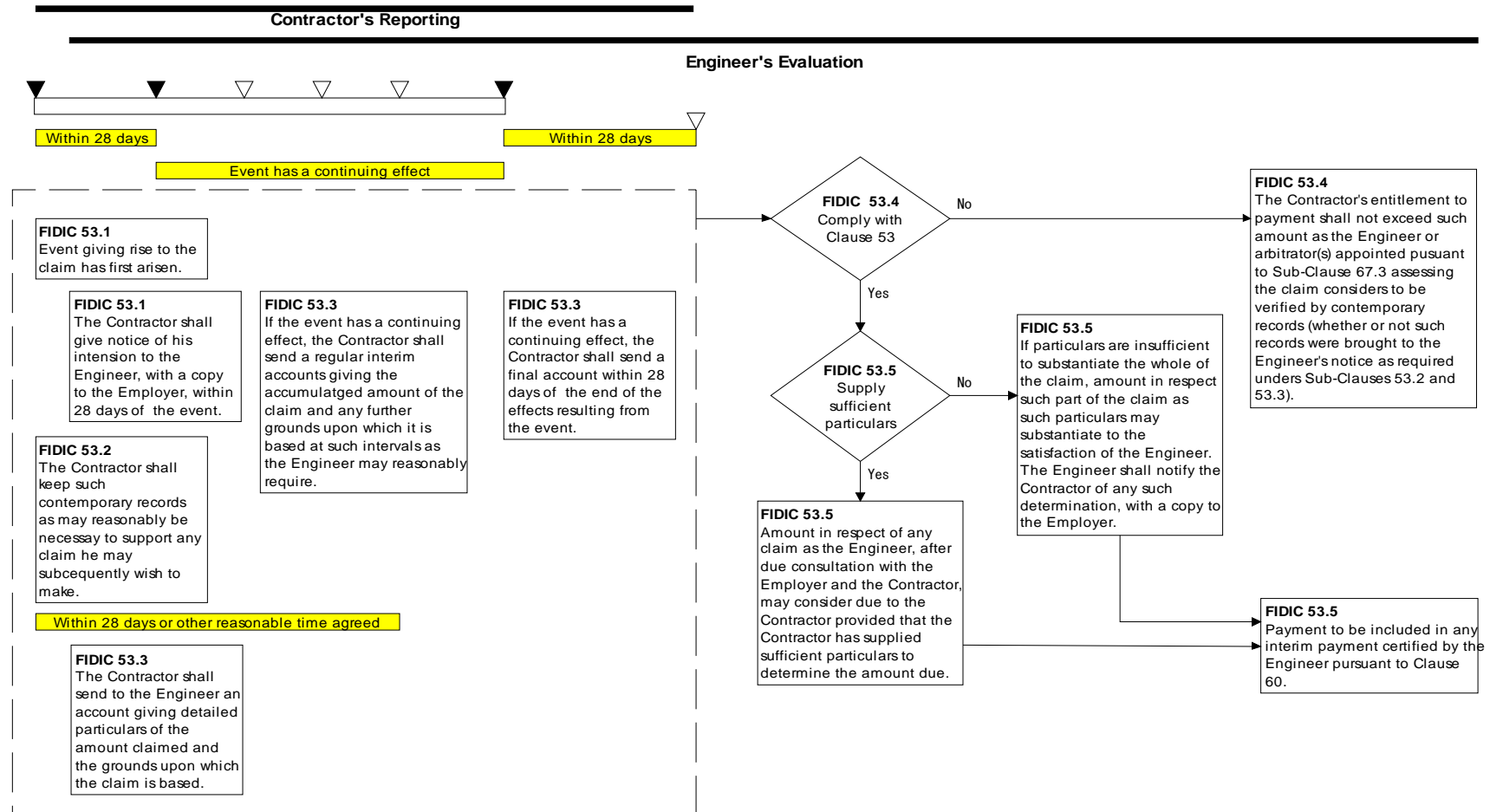
### 3.5 Comments on Claim Description Provided by the Contractor

The Contractor submitted his documentation consists of more than 150 pages of explanatory documentation and about 800 pages of attachments (photographs, charts, drawings and others)

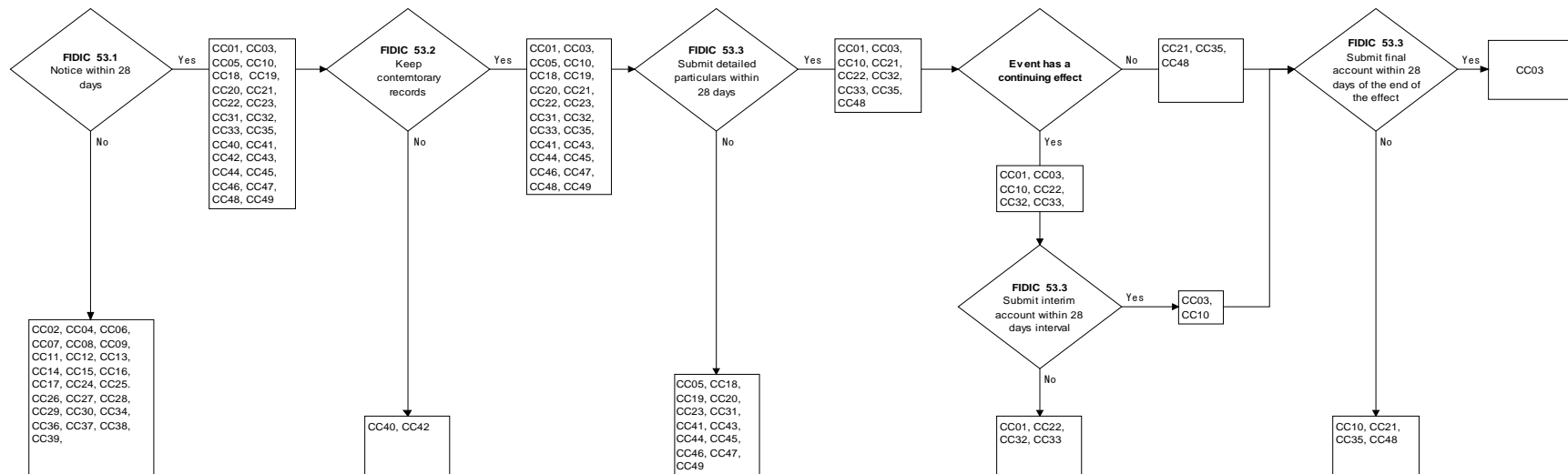
That documentation can be deemed as the contemporary records required by Sub-Clause 53.2 or substantiation documents required by Sub-Clause 53.3 subject to the Employer's consent.



## FIDIC Clause 53: Procedure for Claims (by FIDIC Red Book, 1987)



**FIDIC Clause 53: Procedure for Claims: Screening Results**  
(by FIDIC Red Book, 1987)



**Table 3-5 Screening Results**

Claim Code No.		Description	FIDIC 53.1 Notice within 28 Days	FIDIC 53.2 Keep Contemporary Records	FIDIC 53.3 Submit Detailed Particulars within 28 Days	FIDIC 53.3 Event has a Continuing Effect	FIDIC 53.3 Submit Interim Account within 28 Days Interval	FIDIC 53.3 Submit Final Account within 28 Days of the End of the Effect
CATEGORY 1 - Issues Affecting Whole of Site and Causing Delay to Project Completion								
C1	G7	CC.01	Deferred Commencement of Project and Related Matters	Y	Y	Y	Y	N
	G5	CC.02	Non-Contributing Production Resources Affected by Commencement Delay	N				
CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit								
C2	G7	CC.03	Adverse Water Conditions	Y	Y	Y	Y	Y
	G1	144m-Extension to Adit						
		CC.04	Time for Additional Excavation	N				
		CC.05	Time for Additional Concrete Lining	Y	Y	N		
		CC.06	Time for Relocation of Junction Works	N				
		CC.07	Unit Rates not Applicable to Extension (Excavation, Concrete, Shotcrete and others)	N				
		CC.08	Provision of Additional Ventilation Fans due to Excessive Heat	N				
	G5	CC.09	Non-Contributing Production Resources Affected by Ventilation Adit Works Delay	N				
CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion								
C3	G7	CC.10	North Portal + 72m	Y	Y	Y	Y	N
		CC.11	Rockbolts in Rock Support Type I Conditions	N				
	G2	Rock Hardness						
		CC.12	Additional Drilling and Reduced Advance	N				
		CC.13	Overbreak	N				
		CC.14	Bulking	N				
		CC.15	Additional Volume of Concrete Lining, Waterproofing, Leveling Concrete and Aggregate Fill	N				
		CC.16	Increase in Repair and Maintenance	N				
		CC.17	Additional Shotcrete	N				
	G7	CC.18	Additional Layby at Relocated EP1	Y	Y	N		
		CC.19	Remedial Works for Excess Geological Deformation	Y	Y	N		
		CC.20	Impact of Adit Delay on Main Tunnel Progress	Y	Y	N		
	G3	Provision of Temporary Cross Passages						
		CC.21	Temporary Cross Passage (TCP2) from MT to ET	Y	Y	Y	N	N
		CC.22	Temporary Connection Tunnel from VA to MT	Y	Y	Y	Y	N
	G7	CC.23	Power Authority Power Failures	Y	Y	N		
	G5	CC.24	Non-Contributing Production Resources Affected by Main Tunnel Works Delay	N				
	G7	CC.25	Consolidated EOT Request (including Time-Related Costs of Delay)	N				
CATEGORY 4 - Variation Issues not Relevant to Other Issue Category								
C4	G7	CC.26	Box-out Forms for Notches in Concrete Lining	N				
		CC.27	Provision of Water Treatment Plant	N				
	G6	CC.28	Ventilation System at EP Tunnels 1 and 2	N				
		CC.29	Lighting System at EP Tunnels 1 and 2	N				
	G7	CC.30	Steel Form for Concrete Lining of Permanent Cross Passages	N				
		CC.31	Reduction in Measured Works	Y	Y	Y	N	
		CC.32	Redundant Permanent Materials (Wire Mesh, Rockbolts and others)	Y	Y	Y	Y	N
		CC.33	Exchange Rate Impact on Imported Materials	Y	Y	Y	Y	N
		CC.34	Slope Length Method of Measurement	N				
	G3	CC.35	Provision of Temporary Cross Passage (TCP1)	Y	Y	Y	N	N
	G7	CC.36	Removal of Boulders at North Portal, Adit Portal and Adit Access Road	N				
		CC.37	Price Adjustment of Blasting Materials	N				
		CC.38	Temporary Gravel Bedding at Portal Plaza and Tunnel Road Maintenance	N				
		CC.39	Extended Working Time for the Remaining Works (OT Premium)	N				
CATEGORY 5 -Issues Necessary for Acceleration of Project								
C5	G4	CC.40	Provision of Additional Drilling Jumbo at Workface	Y	N			
		CC.41	Long Drilling Experimentation for Increased Advance	Y	Y	N		
		CC.42	Double Handling of Muck from Workface	Y	N			
		CC.43	Deployment of 2nd Advance from South End of Tunnel	Y	Y	N		
		CC.44	Provision of Additional Equipment - 3rd Jumbo at MT Workface	Y	Y	N		
		CC.45	Provision of Additional Equipment - Excavators for Drainage	Y	Y	N		
		CC.46	Rear Works Commenced before Completion of MT Excavation	Y	Y	N		
		CC.47	Mobilisation of Additional Supervisory Personnel	Y	Y	N		
		CC.48	Provision of Temporary Cross Passages (TCP3 & TCP4)	Y	Y	Y	N	N
		CC.49	Provision of Additional Transformer	Y	Y	N		

### 3.6 Verification of Grounds

All the claims have been verified by the Contract and actual site conditions whether the claimed work is worthy of pursuing as a claim or not, and the works was outside the Contractor's responsibility and/or control or not.

### 3.6.1 Accepted Claims for Further Steps

After due consideration, the following 33 claims should be forwarded to the next step;  
Step 2: Claim Quantification.

**Table 3-6 Accepted Claims**

Claim Code No.			Description	Extra Work Only (Type A)	EOT Only (Type B)	Both (Type C)	Ground	Judge
CATEGORY 1 - Issues Affecting Whole of Site and Causing Delay to Project Completion								
C1	G7	CC.01	Deferred Commencement of Project and Related Matters		X		44.1	OK
	G5	CC.02	Non-Contributing Production Resources Affected by Commencement Delay	X			12.2	OK
CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit								
C2	G7	CC.03	Adverse Water Conditions			X	12.2	OK
	G1	144m-Extension to Adit					51.1	OK
		CC.04	Time for Additional Excavation			X		
		CC.05	Time for Additional Concrete Lining			X		
		CC.06	Time for Relocation of Junction Works			X		
	G5	CC.09	Non-Contributing Production Resources Affected by Ventilation Adit Works Delay	X			51.1	OK
CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion								
C3	G7	CC.10	North Portal + 72m			X	44.1	OK
	G2	Rock Hardness					51.1	OK
		CC.12	Additional Drilling and Reduced Advance			X		
		CC.13	Overbreak			X		
		CC.14	Bulking			X		
		CC.15	Additional Volume of Concrete Lining, Waterproofing, Leveling Concrete and Aggregate Fill	X				
		CC.16	Increase in Repair and Maintenance	X				
		CC.17	Additional Shotcrete	X				
	G7	CC.19	Remedial Works for Excess Geological Deformation			X	44.1	OK
		CC.20	Impact of Adit Delay on Main Tunnel Progress			X	44.1	OK
	G3	Provision of Temporary Cross Passages					51.1	OK
		CC.21	Temporary Cross Passage (TCP2) from MT to ET	X				
			Temporary Connection Tunnel from VA to MT	X				
	G5	CC.24	Non-Contributing Production Resources Affected by Main Tunnel Works Delay	X			51.1	OK
	G7	CC.25	Consolidated EOT Request (including Time-Related Costs of Delay)	X			51.1	OK
CATEGORY 4 - Variation Issues not Relevant to Other Issue Category								
C4	G7	CC.26	Box-out Forms for Notches in Concrete Lining	X			51.1	OK
	G6	CC.28	Ventilation System at EP Tunnels 1 and 2	X			51.1	OK
		CC.29	Lighting System at EP Tunnels 1 and 2	X				
	G7	CC.30	Steel Form for Concrete Lining of Permanent Cross Passages	X			51.1	OK
		CC.32	Redundant Permanent Materials (Wire Mesh, Rockbolts and others)	X			51.1	OK
	G3	CC.35	Provision of Temporary Cross Passage (TCP1)	X			51.1	OK
	G7	CC.37	Price Adjustment of Blasting Materials	X			70.8	OK
		CC.38	Temporary Gravel Bedding at Portal Plaza and Tunnel Road Maintenance	X			51.1	OK
CATEGORY 5 -Issues Necessary for Acceleration of Project								
C5	G4	CC.40	Provision of Additional Drilling Jumbo at Workface	X			51.1	OK
		CC.43	Deployment of 2nd Advance from South End of Tunnel	X				
		CC.44	Provision of Additional Equipment - 3rd Jumbo at MT Workface	X				
		CC.45	Provision of Additional Equipment - Excavators for Drainage	X				
		CC.48	Provision of Temporary Cross Passages (TCP3 & TCP4)	X				

### 3.6.2 Rejected Claims

After due consideration, the following 16 claims should be rejected and no further management needed.

**Table 3-7 Rejected Claims**

Claim Code No.		Description		Extra Work Only (Type A)	EOT Only (Type B)	Both (Type C)	Ground	Judge
CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit								
C2	G1	144m-Extension to Adit						
		CC.07	Unit Rates not Applicable to Extension (Excavation, Concrete, Shotcrete and others)	X			51.1	NA
		CC.08	Provision of Additional Ventilation Fans due to Excessive Heat	X				
CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion								
C3	G7	CC.11	Rockbolts in Rock Support Type I Conditions			X	44.1	NA
		CC.18	Additional Layby at Relocated EP1			X	51.1	NA
		CC.23	Power Authority Power Failures			X	12.2	NA
CATEGORY 4 - Variation Issues not Relevant to Other Issue Category								
C4	G7	CC.27	Provision of Water Treatment Plant	X			51.1	NA
		CC.31	Reduction in Measured Works	X			51.1	NA
		CC.33	Exchange Rate Impact on Imported Materials	X			72.4	NA
		CC.34	Slope Length Method of Measurement	X			TSPEC 02330, Item 8	NA
		CC.36	Removal of Boulders at North Portal, Adit Portal and Adit Access Road	X			51.1	NA
		CC.39	Extended Working Time for the Remaining Works (OT Premium)	X			51.1	NA
CATEGORY 5 -Issues Necessary for Acceleration of Project								
C5	G7	CC.41	Long Drilling Experimentation for Increased Advance	X			51.1	NA
		CC.42	Double Handling of Muck from Workface	X				NA
		CC.46	Rear Works Commenced before Completion of MT Excavation	X				NA
		CC.47	Mobilisation of Additional Supervisory Personnel	X				NA
		CC.49	Provision of Additional Transformer	X				NA

### 3.7 Summary of Claim Identification

#### 3.7.1 Summary of Claim Identification

Claim identification can be summarized as follows:

**Table 3-8 Summary of Claim Identification**

No.	Claim	Number of Claim
1	Contractor Submitted	49
2	Engineer Accepted	33
3	Engineer Rejected	16

#### 3.7.2 Statement of Each Claim

Statement of each claim is as shown in Appendix-D.

Category	Claim Code No.	List of Correspondences (Request for Compensation)				Remarks
		LC No.	Date	Ref. No.	Subject	
CATEGORY 1 - OPEN WORKS						
	CC.01	ELC-01-01	22-Sep-00	ENG-00-003	Alignment of Access Road at North Portal	
	CC.01	ELC-01-02	25-Sep-00	HVC-026-00	Design of Railway Crossing	
	CC.01	ELC-01-03	25-Sep-00	ENG-00-005	Proposed Plan of Temporary Site Office Area	
	CC.01	ELC-01-04	27-Sep-00	PKIA-012-00	Plan of Temporary Site Office Area	
	CC.01	ELC-01-05	30-Sep-00	ENG-00-008	Request of Approval for Soiling Filing at Temporary Site Office Area (North Portal)	
	CC.01	ELC-01-06	02-Oct-00	HVC-030-00	Possession of Site	
	CC.01	ELC-01-07	03-Oct-00	TRN-00-008		Missing
	CC.01	ELC-01-08	04-Oct-00	PKIA-019-00	Temporary Access Road	
	CC.01	ELC-01-09	14-Oct-00	ENG-00-012	Revised Alignment of Temporary access road to North Portal	
	CC.01	ELC-01-10	17-Oct-00	PKIA-028-00	Temporary Access Road	
	CC.01	ELC-01-11	26-Oct-00	ENG-00-033	Site Handing & Commencement of Works	
	CC.01	ELC-01-12	06-Nov-00	ENG-00-027	Monthly Report	
	CC.01	ELC-01-13	09-Nov-00	ENG-00-029	Notice of Ground Water	
	CC.01	ELC-01-14	17-Nov-00	PKIA-048-00	Site Handing-Over and Commencement of the Works	
	CC.01	ELC-01-15	07-Dec-00	ENG-00-070	Request of Approval for Open Work Schedule	
	CC.01	ELC-01-16	07-Dec-00	ENG-00-072	Earth Filing at Employer's Engineer's and Contractor's Office area	
	CC.01	ELC-01-17	22-Dec-00	ENG-00-097	Contract for Railway Crossing Construction & maintenance	
	CC.01	ELC-01-18	22-Dec-00	38/QD-BQL	Execution of Cross Railway	
	CC.01	ELC-01-19	02-Jan-01	ENG-01-002	Draft Minutes of 4th Biweekly Meeting	
	CC.01	ELC-01-20	02-Jan-01	ENG-01-003	Stoppage of Blasting Work	
	CC.01	ELC-01-21	06-Jan-01	ENG-01-012	Notice of Delay 001 and 002	
	CC.01	ELC-01-22	09-Jan-01	ENG-01-014	Notice of Delay No. 001	
	CC.01	ELC-01-23	09-Jan-01	PKIA-009-01	Notice of Delay No. 001	
	CC.01	ELC-01-24	10-Jan-01	PKIA-012-01	Notice of Delay No. 001 and 002	
	CC.01	ELC-01-25	12-Jan-01	ENG-01-020	Notice of Delay 001 and 002	
	CC.01	ELC-01-26	03-Feb-01	ENG-01-045	Delay in the Open Works	
	CC.01	ELC-01-27	06-Feb-01	PKIA-026-01	Notice of Delay No. 001 and 002	
	CC.01	ELC-01-28	17-Feb-01	ENG-01-074	Railway Crossing	
	CC.01	ELC-01-29	27-Feb-01	ENG-01-087	Report on Delay in the Progress of Open Works	
	CC.01	ELC-01-30	10-May-01	PKIA-143-01	Claim for Construction Delay	
	CC.01	ELC-01-31	05-Jun-01	ENG-01-231	Submission of Detailed Schedule	
	CC.01	ELC-01-32	11-Jun-01	PKIA-186-01	Submission of Detailed Schedule	
	CC.01	ELC-01-33	19-Jun-01	ENG-01-240	Submission of Revised Detailed Schedule	
	CC.01	ELC-01-34	03-Dec-01	PMU-304-01	Comments on PKIA Contractor's Report on Time Extension	
	CC.01	ELC-01-35	21-Dec-01	PKIA-300-01	Plan for Recovering Delay of Construction Works	
	CC.01	ELC-01-36	26-Dec-01	/PMU-PP2	Plan for Recovering Delay of Construction Works	
	CC.01	ELC-01-37	27-Dec-01	PMU-329-01	Submission of Detailed Explanation on the Delay of Works by the Package IA Contractor	
	CC.03	ELC-03-01	19-Dec-00	ENG-00-092	Submission of Revised Construction Schedule	
	CC.03	ELC-03-02	27-Sep-01	ENG-01-332	Request for approval of Tunnel Dewatering Measurement System	
	CC.03	ELC-03-03	04-Oct-01	PKIA-253-01	Approval of Tunnel Dewatering Measurement System	
	CC.03	ELC-03-04	18-Oct-01	ENG-01-342	Notification of Water Hardship at the Ventilation Adit	
	CC.03	ELC-03-05	28-Nov-01	ENG-01-363	Notification of Water Hardship at the Ventilation Adit	
	CC.03	ELC-03-06	01-Dec-01	ENG-01-364	Primary Water Control System	
	CC.03	ELC-03-07	04-Dec-01	ENG-01-365	Request for Approval on Water Hardship Situation Measurement System	
	CC.03	ELC-03-08	08-Dec-01	PKIA-289-01	Water Hardship Situation Measurement System	
	CC.03	ELC-03-09	12-Jan-02	ENG-02-013	Notification of Water Hardship at the Ventilation Adit	
	CC.03	ELC-03-10	23-Jan-02	ENG-02-024	Anomalous Water Seepage at Ventilation Adit	
	CC.03	ELC-03-11	07-Mar-02	PKIA-038-02	Water Inflow at Ventilation Adit	
	CC.03	ELC-03-12	19-Mar-02	ENG-02-053	Dewatering System in Ventilation Adit	
	CC.03	ELC-03-13	30-Mar-02	ENG-02-056	Report on Anomalous Water Seepage in VA	
	CC.03	ELC-03-14	02-Apr-02	ENG-02-062	Report on Continuous Anomalous Water Seepage in Ventilation Adit	
	CC.03	ELC-03-15	14-Apr-02	EMP-02-008	Excavation under Water Hardship Situations	
	CC.03	ELC-03-16	23-Apr-02	HV-037-02	Excavation under Water hardship	

Category	Claim Code No.	List of Correspondences (Request for Compensation)				Remarks
		LC No.	Date	Ref. No.	Subject	
CATEGORY 2 - VENTILATION ADIT	CC.03	ELC-03-17	07-May-02	PMU-146-02	Excavation under Water Hardship	
	CC.03	ELC-03-18	14-May-02	PKIA-062-02	Joint Meeting for Water Hardship	
	CC.03	ELC-03-19	20-May-02	HV-055-02	Tunnel Excavation Under Water Hardship	
	CC.03	ELC-03-20	23-May-02	ENG-02-091	Chemical water-stop injection proposed options	
	CC.03	ELC-03-21	01-Jun-02	PMU-222-02	Water Intrusion Measurement in Ventilation Adit	
	CC.03	ELC-03-22	22-Jun-02	ENG-02-115	Additional information on Chemical water-stop injection	
	CC.03	ELC-03-23	28-Jun-02	ENG-02-124	Ventilation Adit Reaching 1000m	
	CC.03	ELC-03-24	23-Jul-02	PMU-249-02	Appraisal of Water hardship in Ventilation Adit	
	CC.03	ELC-03-25	16-Sep-02	EN-02-164	???	
	CC.03	ELC-03-26	05-Oct-02	ENG-02-177	Water Seepage in Ventilation Adit	
	CC.03	ELC-03-27	02-Nov-02	PKIA-135-02	Progress of Ventilation Adit Excavation	
	CC.03	ELC-03-28	21-Dec-01	PKIA-300-01	Plan for Recovering Delay of Construction Works	
	CC.03	ELC-03-29	26-Dec-02	PMU-409-02	Consultant's Comments on Work Progress of PKIA Contractor	
	CC.03	ELC-03-30	03-Mar-03	PKIA-024-03	PKIA Extension of Time Claims	
	CC.03	ELC-03-31	11-Apr-03	ENG-03-062	Notice on the Commencement of VA Post Excavation Works	
	CC.03	ELC-03-32	15-Apr-03	ENG-03-064	Entitlement of EOT for VA Works	
	CC.03	ELC-03-33	14-Aug-03	ENG-03-186	Request for Approval for Dewatering Works during Construction	
	CC.03	ELC-03-34	20-Aug-03	ENG-03-191	Request for Extension of Time for VA	
	CC.03	ELC-03-35	29-Aug-03	PKIA-119-03	Claim for Extension of Time for VA	
	CC.03	ELC-03-36	27-Sep-03	ENG-03-218	Request for Extension of Time for VA	
	CC.04	ELC-04-37	07-Nov-02	ENG-02-193	Ventilation Adit Vertical Curve	
	CC.04	ELC-04-38	18-Nov-02	PKIA-148-02	Issue of Updated Drawings Related to Modifications of Ventilation Facilities	
	CC.05	ELC-05-39	07-Nov-02	ENG-02-193	Ventilation Adit Vertical Curve	
	CC.05	ELC-05-40	18-Nov-02	PKIA-148-02	Issue of Updated Drawings Related to Modifications of Ventilation Facilities	
	CC.06	ELC-06-41	07-Nov-02	ENG-02-193	Ventilation Adit Vertical Curve	
	CC.06	ELC-06-42	18-Nov-02	PKIA-148-02	Issue of Updated Drawings Related to Modifications of Ventilation Facilities	
	CC.08	ELC-08-43	19-Feb-03	PKIA-017-03	Ventilation of Tunnel Works	
	CC.08	ELC-08-44	20-Feb-03	ENG-03-026	Request for Approval of Temporary Niches	
	CC.08	ELC-08-45	11-Mar-03	PKIA-028-03	Temporary Ventilation System for Ventilation Adit	
	CC.08	ELC-08-46	28-Mar-03	PKIA-039-03	Temporary Ventilation System for Ventilation Adit	
CATEGORY 3 - MAIN TUNNEL	CC.10	ELC-10-01	19-Dec-00	ENG-00-092	Submission of Revised Construction Schedule	ELC-03-01
	CC.10	ELC-10-02	05-Feb-01	ENG-01-046	Construction Schedule in MS-Project Format	
	CC.10	ELC-10-03	02-Jun-01	PKIA-180-01	Delay of Tunnel Excavation	
	CC.10	ELC-10-04	14-Jul-01	ENG-01-271	Report on Collapse of Soil at Main Tunnel	
	CC.10	ELC-10-05	25-Jul-01	ENG-01-284	Report on Delay in Progress of Works	
	CC.10	ELC-10-06	04-Aug-01	ENG-01-292	Report on Delay & Availability of Night Shift	
	CC.10	ELC-10-07	07-Sep-01	ENG-01-320	Report on Collapse of Weathered Rock at MT	
	CC.10	ELC-10-08	13-Sep-01	ENG-01-322	Report on Minor Collapse of Weathered Rock at MT	
	CC.10	ELC-10-09	27-Sep-01	ENG-01-331	Request for EOT for Completion of the Works in Connection with the Initial Stage of Tunnel Excavation	
	CC.10	ELC-10-10	16-Sep-02	ENG-02-169	Revised Construction Schedule and Report on Delay at the Initial Stage of Excavation in Main Tunnel	
	CC.13	ELC-13-11	08-Sep-01	ENG-01-314	Proposal for Contractor's Overbreak for Workable Reasons	
	CC.13	ELC-13-12	18-Oct-01	PKIA-259-01	Contractor's Overbreak for Workable Reason (Up)	
	CC.18	ELC-18-13	09-Aug-02	ENG-02-145	Request for Approval of Working Drawings Electrostatic Precipitator No.1	
	CC.18	ELC-18-14	23-Aug-02	ENG-02-154	Notice to Commence EP1 Excavation Works	
	CC.18	ELC-18-15	24-Aug-02	PKIA-098-02	Position Shift of EP Tunnel 1	
	CC.18	ELC-18-16	01-Oct-02	ENG-02-173	Request for Information on Electrostatic Precipitator 1	
	CC.18	ELC-18-17	18-Nov-02	PKIA-148-02	Issue of Updated Drawings Related to Modifications of Ventilation Facilities	
	CC.18	ELC-18-18	14-Dec-02	ENG-02-216	Proposal for EP1 Location	
	CC.18	ELC-18-19	21-Jan-03	PKIA-010-03	Approval on Shift Location of Electrostatic Precipitator 1	
	CC.19	ELC-19-20	08-Oct-02	ENG-02-180	Report on Shotcrete Falldown in Main Tunnel	
	CC.19	ELC-19-21	29-Oct-02	ENG-02-187	Report on Unforeseen Deformation in Main Tunnel	
	CC.19	ELC-19-22	02-Nov-02	ENG-02-191	Report on Collapse of Shotcrete in Main Tunnel	
	CC.19	ELC-19-23	19-Nov-02	ENG-02-205	Site Visit of National Taking-over and National Committee (Report on Technical Obstacles)	

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		LC No.	Date	Ref. No.	Subject	
CATEGORY 3 - MAIN TUNNEL	CC.19	ELC-19-24	22-May-03	ENG-03-110	Report on Shotcrete Deformation in Main Tunnel	
	CC.20	ELC-20-25	16-Sep-02	ENG-02-169	Submission of Revised Construction Schedule	
	CC.21	ELC-21-26	16-Apr-03	ENG-03-066	Request for Approval of Additional Cross Passage No. 2 and Temporary MT-VA Connector Tunnel	
	CC.21	ELC-21-27	07-May-03	ENG-03-087	Request for Approval of Working Drawings - Support System for TCP2	
	CC.21	ELC-21-28	07-May-03	ENG-03-088	Request for Approval of Working Drawings Support System for Temporary Cross Passage No 2	
	CC.21	ELC-21-29	17-Apr-03	PKIA-047-03	TCP2 and TCT from VA-MT	
	CC.21	ELC-21-30	09-May-03	PKIA-060-03	TCP2 and TCT from VA-MT	
	CC.22	ELC-22-31	16-Apr-03	ENG-03-066	Request for Approval of Additional Cross Passage No. 2 and Temporary MT-VA Connector Tunnel	
	CC.22	ELC-22-32	07-May-03	ENG-03-088	Request for Approval of Working Drawings Support System for Temporary Connection Tunnel	
	CC.22	ELC-22-33	17-Apr-03	PKIA-047-03	TCP2 and TCT from VA-MT	
	CC.22	ELC-22-34	09-May-03	PKIA-060-03	TCP2 and TCT from VA-MT	
	CC.23	ELC-23-35	23-Aug-01	ENG-01-310	Progress Report to Date	
	CC.23	ELC-23-36	05-Sep-02	ENG-02-166	Request for Joint Inspection of Public Electrical Power Monitoring System	
	CC.23	ELC-23-37	11-Mar-03	ENG-03-034	Public Electrical Power Supply Issue	
	CC.23	ELC-23-38	17-Mar-03	ENG-03-043	Notes on PC3 Customer's Congress 2003	
	CC.25	ELC-25-39	10-May-01	PKIA-143-01	Claim for Construction Delay	
	CC.25	ELC-25-40	27-Sep-01	ENG-01-331	Request for EOT for Completion of the Works in Connection with the Initial Stage of Tunne Excavation	
	CC.25	ELC-25-41	21-Dec-01	PKIA-300-01	Plan for Recovering Delay of Construction Works	
	CC.25	ELC-25-42	19-Sep-02	PKIA-116-02	Construction Recovery Schedule	
	CC.25	ELC-25-43	02-Nov-02	PKIA-135-02	Progress of Ventilation Adit Excavation	ELC-03-26
	CC.25	ELC-25-44	06-Nov-02	PKIA-138-02	Extension of Time Claim	
	CC.25	ELC-25-45	11-Nov-02	ENG-02-200	Reasonable Extension of Time for Completion	
	CC.25	ELC-25-46	07-Feb-01	ENG-01-087	Report on delay in the progress of open works	ELC-01-26
	CC.25	ELC-25-47	05-Jun-01	ENG-01-231	Submission of Detailed Schedule	ELC-01-28
	CC.25	ELC-25-48	11-Jun-01	PKIA-186-01	Submission of Detailed Schedule	ELC-01-29
	CC.25	ELC-25-49	19-Jun-01	ENG-01-240	Submission of Revised Detailed Schedule	ELC-01-30
	CC.25	ELC-25-50	03-Dec-02	PMU-304-01	Comments on Package IA Contractor's Report on Time Extension	
	CC.25	ELC-25-51	15-Dec-02	PKIA-165-02	Joint Meeting for EOT and Work Program	
	CC.25	ELC-25-52	26-Dec-02	PMU-409-02	Consultant's Comments on Work Progress of PKIA Contractor	
	CC.25	ELC-25-53	31-Dec-02	ENG-02-227	Consultant's Comments on Work Progress of PKIA Contractor	
	CC.25	ELC-25-54	03-Mar-03	PKIA-024-03	PKIA Extension of Time Claim	
	CC.25	ELC-25-55	07-Apr-03	PKIA-041-03	Construction Schedule for Coordination	
	CC.25	ELC-25-56	10-Apr-03	ENG-03-061	Extension of Time for PKIA	
CATEGORY 4 - OTHER VARIATIONS	CC.26	ELC-26-1	29-Mar-02	PKIA-044-02	Notch in Concrete Lining for Jet Fans	
	CC.26	ELC-26-2	08-May-02	PKIA-059-02	Notch in Concrete Lining for Ventilation Control System	
	CC.27	ELC-27-3	12-Oct-00	PKIA-027-00	1. Breakdown of lump sum items; 2. Quality of materials, plant and workmanship	
	CC.27	ELC-27-4	21-Oct-00	ENG-00-016	Breakdown of Lump Sum Items	
	CC.27	ELC-27-5	27-Oct-00	PKIA-034-00	Comments on the Survey Control Plan	
	CC.27	ELC-27-6	13-Nov-00	ENG-00-035	Environment Control Plan	
	CC.27	ELC-27-7	04-Jan-01	PMU-08-02	Draft Minutes of Environmental protection Plan Meeting	
	CC.27	ELC-27-8	12-Jan-01	HVCR-005-01	Environment Control at the Construction Sites	
	CC.27	ELC-27-9	12-Feb-01	ENG-01-060	Wastewater Treatment Plant	
	CC.27	ELC-27-10	14-Mar-01	PKIA-069-01	Wastewater Treatment Plant	
	CC.27	ELC-27-11	26-Mar-01	HVCR-019-01	Environment Control at the Construction Sites	
	CC.27	ELC-27-12	06-Jul-01	ENG-01-258	Request for Approval on Environmental Protection Plan	
	CC.27	ELC-27-13	18-Jul-01	PKIA-217-01	Approval of Environmental Protection Plan	
	CC.27	ELC-27-14	24-Dec-01	PKIA-301-01	Environmental Protection Works	
	CC.27	ELC-27-15	02-Jan-02	PKIA-001-02	Meeting on Environmental and Traffic Control Plan	
	CC.27	ELC-27-16	29-Jan-02	PKIA-020-02	Environment Issues	
	CC.27	ELC-27-17	01-Feb-02	PKIA-023-02	Environment Issues	
	CC.30	ELC-30-18	21-May-02	ENG-02-089	Request for Approval of Shop Drawing - Steel Form of Cross Passages	
	CC.30	ELC-30-19	27-May-02	PKIA-067-02	Steel Form at Cross Passage	



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CATEGORY 4 - OTHER VARIATIONS	CC.30	ELC-30-20	01-Jun-02	ENG-02-093	Request for approval of shop drawing concrete lining pouring sequence	
	CC.30	ELC-30-21	01-Jun-02	ENG-02-094	Drawing Submission for Stamp - Steel Form at Cross Passages	
	CC.30	ELC-30-22	03-Jun-02	PKIA-069-02	Concrete Lining in Cross Passages	
	CC.30	ELC-30-23	05-Jun-02	ENG-02-096	Concrete Lining in Cross Passages	
	CC.30	ELC-30-24	06-Nov-02	PKIA-137-02	Concrete Lining in Cross Passages	
	CC.30	ELC-30-25	11-Nov-02	ENG-02-199	Partial Omission of Concrete Lining in Cross Passages	
	CC.30	ELC-30-26	10-Dec-02	PKIA-162-02	Partial Omission of Concrete Lining in Cross Passages	
	CC.34	ELC-34-27	12-Feb-04	ENG-04-027	Submission of Request for Extension of Time and Additional Compensation for the Whole o PK1A civil Works	
	CC.35	ELC-35-28	15-Nov-02	ENG-02-203	Request for Approval of Additional Cross Passage	
	CC.35	ELC-35-29	16-Nov-02	PKIA-147-02	Working Drawings of Temporary Cross Passage	
	CC.36	ELC-36-30	27-Feb-01	ENG-01-087	Report on delay in the progress of open works	
	CC.37	ELC-37-31	04-Jul-02	2355/GTVT-CGD	Some Comments for Hai Van Tunnel Construction Project	
	CC.37	ELC-37-32	05-Dec-02	EN-BGH-394-02	Difference of the Price for Explosive Material	
	CC.37	ELC-37-33	02-Dec-02	908/BQL/KHDA2	Compensation for Explosive material cost for Hai van Tunnel Construction Project	
	CC.37	ELC-37-34	17-Dec-02	ENG-02-217	Request for Adjustment on Price Change of Explosive Material	
	CC.37	ELC-37-35	20-Dec-02	PKALL-034-02	Price Adjustment of Explosive Material	
	CC.37	ELC-37-36	14-Jan-03	ENG-03-008	Adjustment Method of Explosive Material	
	CC.39	ELC-39-37	31-Jul-01	ENG-01-295	Day and Night Shift Schedule & Organizational Chart	
	CC.39	ELC-39-38	28-Nov-02	PKIA-153-02	Tunnel Construction Schedule	
	CC.39	ELC-39-39	25-Jan-03	ENG-03-011	Countermeasures to Accelerate the Critical Works	
	CC.39	ELC-39-40	12-Feb-04	ENG-04-027	Submission of Request for Extension of Time and Additional Compensation for the Whole of PK1A civil Works	
CATEGORY 5 - ACCELERATION	CC.40-49	ELC-40-49-1	26-Jul-01	PKIA-221-01	Record of Joint Meeting - Availability of Night Shift at Package IA	
	CC.40-49	ELC-40-49-2	21-Dec-01	PKIA-300-01	Plan for Recovering Delay of Construction Works	
	CC.40-49	ELC-40-49-3	26-Dec-01	ENG-01-384	Proposals on How to Recover Delay	
	CC.40-49	ELC-40-49-4	27-Dec-01	PMU-329-01	Submission of Detailed Expalnation on the Delay of Works by PKIA Contractor	
	CC.40-49	ELC-40-49-5	08-Jan-02	PMU-014-02	Package IA Contractor's Proposal on How to Recover the Delay of the Tunnel Work	
	CC.40-49	ELC-40-49-6	16-Sep-02	PKIA-111-02	Progress Delay Recovery Measures	
	CC.40-49	ELC-40-49-7	26-Jan-02	ENG-02-027	Submission of revised construction schedule	
	CC.40-49	ELC-40-49-8	04-Jul-02	ENG-02-130	Draft construction schedule	
	CC.40-49	ELC-40-49-9	16-Sep-02	ENG-02-169	Submission of revised construction schedule	
	CC.40-49	ELC-40-49-10	19-Sep-02	PKIA-116-02	Construction Recovery Schedule	
	CC.40-49	ELC-40-49-11	17-Nov-00	PKIA-084-00	Wire mesh, technical specifications, section 03650, clause	
	CC.40-49	ELC-40-49-12	19-Dec-00	ENG-00-092	Submission of Revised Construction Schedule	ELC-03-01
	CC.40-49	ELC-40-49-13	18-Sep-02	PKIA-115-02	Contractor's progress reporting	
	CC.40-49	ELC-40-49-14	23-Oct-02	PKIA-129-02	Progress Delay/Recovery Schedule	
	CC.40-49	ELC-40-49-15	30-Oct-02	PKIA-133-02	Rate of Progress	
	CC.40-49	ELC-40-49-16	31-Dec-02	ENG-02-227	Consultant's comments on work progress of PK1A Contractor	
	CC.40-49	ELC-40-49-17	04-Jan-03	PKIA-001-03	Work Progress of PKIA Contractor	
	CC.40-49	ELC-40-49-18	04-Jan-03	PKIA-003-03	Request of Mitigation Program	
	CC.40-49	ELC-40-49-19	25-Jan-03	ENG-03-011	Countermeasures to Accelerate the Critical Works	
	CC.40-49	ELC-40-49-20	29-Jan-03	ENG-03-016	Reference construction schedule for 300m contract boundary adjustment	
	CC.40-49	ELC-40-49-21	24-Feb-03	PKIA-020-03	Revised Construction Schedule	
	CC.40-49	ELC-40-49-22	19-Feb-03	PKIA-018-03	Tunnel Excavation Progress January 2003	
	CC.40-49	ELC-40-49-23	25-Feb-03	ENG-03-029	Submit of weekly schedule	
	CC.40-49	ELC-40-49-24	05-Mar-03	PKIA-025-03	Tunnel Excavation Progress - February 2003	
	CC.40-49	ELC-40-49-25	07-Mar-03	PKIA-027-03	Joint Meeting for Revision of Work Program	
	CC.40-49	ELC-40-49-26	16-Sep-02	PKIA-111-02	Progress delay recovery measures	
	CC.40-49	ELC-40-49-27	05-Dec-02	PKIA-157-02	PK1A Construction Schedule Meeting	
	CC.40-49	ELC-40-49-28	10-Mar-03	ENG-03-031	Response to recent engineer's Letter	
	CC.40-49	ELC-40-49-29	13-Mar-03	PKIA-030-03	Clarification Regarding Delay and Mitigation	
	CC.40-49	ELC-40-49-30	25-Jan-03	ENG-03-11	Submission of revised construction schedule and countermeasures to accelerate the critice works	ELC-39-37
	CC.40-49	ELC-40-49-31	03-Mar-03	PKIA-024-03	PKIA Extension of Time Claim	ELC-25-51

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CATEGORY	CC.40-49	ELC-40-49-32	07-Apr-03	PKIA-041-03	Construction Schedule for Coordination	
	CC.40-49	ELC-40-49-33	18-Apr-03	ENG-03-069	Acceleration Measures	
	CC.40-49	ELC-40-49-34	17-May-03	ENG-03-104	Countermeasures to Accelerate the Critical Works	
	CC.40-49	ELC-40-49-35	22-May-03	PKIA-071-03	Recovery of Delay to ET Excavation	
	CC.40-49	ELC-40-49-36	27-May-03	PKIA-073-03	Countermeasures to Accelerate the Critical Works	
	CC.40-49	ELC-40-49-37	13-Jun-03	PKIA-083-03	Delay Recovery Measures	
	CC.40-49	ELC-40-49-38	19-Jun-03	ENG-03-134	Delay Recovery Measures	
	CC.40-49	ELC-40-49-39	28-Jun-03	ENG-03-137	Delay Recovery Measures	
	CC.40-49	ELC-40-49-40	05-Sep-03	PKIA-122-03	Tunnel Excavation Progress (from South)	
	CC.40-49	ELC-40-49-41	08-Oct-03	ENG-03-229	Request for Approval on Top Heading Excavation of MT for Breakthrough on Oct. 2003	
	CC.40-49	ELC-40-49-42	09-Oct-03	PKIA-137-03	Main Tunnel Excavation	
	CC.40	ELC-40-43	26-Dec-01	ENG-01-384	Proposal on How to Recover the Delay	
	CC.41	ELC-41-44	18-Apr-03	ENG-03-069	Acceleration Measures	
	CC.42	ELC-42-45	26-Dec-01	ENG-01-384	Proposal on How to Recover the Delay	
	CC.43	ELC-43-46	01-Jul-03	ENG-03-138	Sub-Contract Works	
	CC.43	ELC-43-47	01-Jul-03	PKIA-091-03	Confirmation of Request for Sanction to Sub-Contract	
	CC.43	ELC-43-48	19-Jul-03	ENG-03-163	Submission of Document for Confirmation of Sub-Contract	
	CC.44	ELC-44-49	02-Aug-03	ENG-03-172	Arrival of 2-Boom, 1 Basket-Type Tunnel Jumbo Drill Machine	
	CC.45	ELC-45-50	23-Dec-02	ENG-02-221	Report on the Arrival of Two (2) Hydraulic Excavators	
	CC.46	ELC-46-51	25-Jan-03	ENG-03-011	Submission or Revised Construction Schedule and Countermeasures to Accelerate the Critical Works	
	CC.47	ELC-47-52	17-Feb-03	ENG-03-025	Appointment of New Supervisor to Accelerate Tunnel Rear Works	
	CC.47	ELC-47-53	14-May-03	ENG-03-095A	Appointment of New Supervisor to Ventilation Adit Works	
	CC.47	ELC-47-54	17-May-03	ENG-03-102	Appointment of New Construction Equipment Supervisor to Accelerate the Critical Works	
	CC.48	ELC-48-55	06-Jun-03	ENG-03-123	Request for Engineer's Approval for TCP3 to Accelerate ET Excavation	
	CC.48	ELC-48-56	06-Jun-03	PKIA-078-03	Temporary Cross Passage	
	CC.48	ELC-48-57	01-Sep-03	ENG-03-200	Request for Approval of Working Drawings - Support System for TCP4	
	CC.48	ELC-48-58	02-Sep-03	PKIA-121-03	Working Drawings of TCP4	
	CC.49	ELC-49-59	07-Jun-03	ENG-03-126	Electrical Facility Reinforcement for Acceleration of Works	

## List of Supportive Documentation

Date of Event Occurred, Claim Notice Date, Date of Event Effect Ended, Applicable Contract Clause, List of Correspondences, List of Contemporary Records and list of Related Documents for Substantiation

Records and List of Related Documents for Substantiation									
Claim Code No.	Date of Event Occurred	Notice of Claim		Date of Event Effect Ended	Applicable FIDIC Clause	List of Contemporary Records		List of Related Documents for Substantiation	
		Date	Ref. No.			CR No.	Description	DS No.	Description
C1	Issues Affecting Whole of Site and Causing Delay to Project Completion								
CC.01	Deferred Commencement of Project and Related Matters								
CC.01	01-Oct-00	06-Jan-01	ENG-01-012	01-May-01	44.1			DS-01	Photographs
CC.02	Non-Contributing Production Resources Affected by Delay								
CC.02	01-Oct-00	12-Feb-04	ENG-04-027	01-May-01	51.1c, 51.1e, 51.1f, 52.1			DS-02	Daily Progress Report & Day Diagram
C2	Issues Resulting in Delay to Ventilation Adit								
CC.03	Adverse Water Conditions								
CC.03	17-Oct-01	18-Oct-01	ENG-01-342	22-Mar-03	12.2, 44.1a, 51.1c, 52.1	CR-01	North Portal Monthly Record of Water Discharge	DS-03	Photographs
CC.03						CR-02	Adit Portal Monthly Record of Water Discharge		
CC.04	Time for Additional Excavation due to 144m Extension								
CC.04	20-Dec-02	15-Apr-03	ENG-03-064	25-Jan-03	44.1a	CR-03	Daily Progress Report & Day Diagram		
CC.05	Time for Additional Concrete Lining due to 144m Extension								
CC.05	18-Jun-03	15-Apr-03	ENG-03-064	23-Jul-03	44.1a	CR-04	Daily Progress Report & Day Diagram		
CC.06	Time for Relocation of Junction Works due to 144m Extension								
CC.06	25-Jan-03	15-Apr-03	ENG-03-064	22-Mar-03	44.1a	CR-05	Daily Progress Report & Day Diagram		
CC.07	Unit Rates not Applicable to 144m Extension								
CC.07	20-Dec-02	15-Apr-03	ENG-03-064	23-Jul-03	52.1				
CC.08	Provision of Additional Ventilation Fans due to Excessive Heat								
CC.08	06-Feb-03	15-Apr-03	ENG-03-064	16-May-03	51.1e, 52.1	CR-06	Daily Progress Report & Day Diagram	DS-04	Photographs
CC.08						CR-07	Dec-02 to May-03 Monthly Report (Temperature Readings)	DS-05	Copy of Economy Contract (Rental of Ventilation Fan)
CC.09	Non-Contributing Production Resources Affected by Delay								
CC.09	03-Jul-01	12-Feb-04	ENG-04-027	22-Mar-03	51.1c, 51.1e, 51.1f, 52.1	CR-08	Daily Progress Report & Day Diagram		
C3	Issues Causing Delay to Main Tunnel and Project Completion								
CC.10	North Portal + 72m								
CC.10	14-May-01	27-Sep-01	ENG-01-331	15-Sep-01	44.1a, 51.1c, 51.1e, 52.1	CR-09	Daily Progress Report & Day Diagram	DS-06	Photographs
CC.11	Rockbolts in Rock Support Type I Conditions								
CC.11	21-Sep-01	12-Feb-04	ENG-04-027	30-Nov-03	44.1a, 51.1e, 52.1	CR-10	Records of Rockbolting in Rock Support Type I in MT (10 Dec-01 to 02 Oct-03)		
CC.11						CR-11	Records of Rockbolting in Rock Support Type I in VA (24 Sep-01 to 01 Jun-03)		
CC.11						CR-12	Records of Rockbolting in Rock Support Type I in ET (04 Oct-01 to 19 Mar-03)		
CC.11						CR-13	Records of Rockbolting in Rock Support Type II in ET (21 Sep-01 to 02 Apr-03)		
CC.11						CR-14	Day Diagram and Daily Progress of Rockbolting in Rock Support Type I in MT (10 Dec-01 to 02 Oct-03)		
CC.11						CR-15	Day Diagram and Daily Progress of Rockbolting in Rock Support Type I in VA (24 Sep-01 to 01 Jun-03)		
CC.11						CR-16	Day Diagram and Daily Progress of Rockbolting in Rock Support Type I in ET (04 Oct-01 to 19 Mar-03)		
CC.11						CR-17	Day Diagram and Daily Progress of Rockbolting in Rock Support Type II in ET (21 Sep-01 to 02 Apr-03)		
CC.12-17	ROCK HARDNESS								
					12.2, 44.1a, 51.1c, 51.1e, 52.1	CR-18	Uniaxial Compression Test on Rocks (Japan, 29 Sep-03)	DS-07	Photographs
						CR-19	Uniaxial Compression Test on Rocks (Da Nang, 29 Dec-03))		
						CR-20	Uniaxial Compression Test on Rocks (Da Nang, 02 Apr-04)		
CC.12	Additional Drilling and Reduced Advance due to Rock Hardness								
CC.12	14-Sep-01	12-Feb-04	ENG-04-027	30-Nov-03	44.1a	CR-21	Drilling Record Summary for Rock Support Type I in Main Tunnel (10 Dec-01 to 28 Oct-03)		
CC.12						CR-22	Drilling Record Summary for Rock Support Type II in Main Tunnel (19 Oct-01 to 06 Mar-03)		
CC.12						CR-23	Drilling Record Summary for Rock Support Type I in Evacuation Tunnel (04 Oct-01 to 31 Oct-03)		
CC.12						CR-24	Drilling Record Summary for Rock Support Type II in Evacuation Tunnel (14 Sep-01 to 02 Apr-03)		

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Claim Code No.	Date of Event Occurred	Notice of Claim		Date of Event Effect Ended	Applicable FIDIC Clause	List of Contemporary Records		List of Related Documents for Substantiation	
		Date	Ref. No.			CR No.	Description	DS No.	Description
CC.12						CR-25	Drilling Record Summary for Rock Support Type I in Ventilation Adit (19 Sep-01 to 22 Mar-03)		
CC.12						CR-26	Drilling Record Summary for Rock Support Type I in Ventilation Adit (31 Aug-01 to 13 Nov-02)		
<b>CC.13</b>	<b>Overbreak due Rock Hardness</b>								
CC.13	20-Oct-01	12-Feb-04	ENG-04-027	30-Nov-03	12.2, 44.1a, 51.1e, 52.1	CR-27	Detailed Calculation of Overbreak Volume	DS-08	Photographs
CC.13						CR-28	Profile Data for Tunnel Cross-Sections		
<b>CC.14</b>	<b>Increase in Bulking Factor</b>								
C.14	20-Oct-01	12-Feb-04	ENG-04-027	30-Nov-03	44.1a			DS-09	Photographs
<b>CC.15</b>	<b>Additional Volume of Concrete Lining, Leveling Concrete, Aggregate Fill, and Additional Area for Waterproofing due to Overbreak</b>								
CC.15	22-Jan-02	12-Feb-04	ENG-04-027	31-Mar-04	51.1e, 52.1			DS-10	Photographs
<b>CC.16</b>	<b>Increase in Repair and Maintenance + Increase in Blasting Materials</b>								
CC.16	14-May-01	12-Feb-04	ENG-04-027	30-Nov-03	51.1e, 52.1				
<b>CC.17</b>	<b>Additional Shotcrete due to Overbreak</b>								
CC.17	14-May-01	12-Feb-04	ENG-04-027	30-Nov-03	51.1e, 52.1			DS-11	Payment Certificate to Sub-Contractor
<b>CC.18</b>	<b>Additional Layby at Relocated EP1</b>								
CC.18	27-Dec-02	01-Oct-02	ENG-02-173	06-Jan-03	51.1e, 52.1	CR-29	Daily Progress Report & Day Diagram (27 Dec-02 to 06 Jan-03)		
CC.18						CR-30	Daily Progress Report & Day Diagram (18 Dec-02 to 25 Dec-02)		
<b>CC.19</b>	<b>Remedial Works for Excess Geological Deformation</b>								
CC.19	05-Oct-02	08-Oct-02	ENG-02-180	23-May-03	44.1a, 44.1e	CR-31	Advance per Round Form	DS-12	Photographs
CC.19						CR-32	Rockbolt Installation Inspection Sheets		
<b>CC.20</b>	<b>Impact of Adit Delay on Main Tunnel Progress</b>								
CC.20	19-Jan-02	12-Feb-04	ENG-04-027	22-Mar-03	44.1a, 44.1e	CR-33	Records of Main Tunnel Advance (Jan-03 to Jun-03)		
CC.20						CR-34	Advance per Round Form		
<b>CC.21</b>	<b>Provision of Temporary Cross Passage No. 2 from MT to ET</b>								
CC.21	16-Apr-03	16-Apr-03	ENG-03-066	23-Apr-03	51.1e, 52.1	CR-35	Daily Progress Report & Day Diagram		
<b>CC.22</b>	<b>Provision of Temporary Connection Tunnel from VA to MT</b>								
CC.22	23-Apr-03	16-Apr-03	ENG-03-066	26-May-03	51.1e, 52.1	CR-36	Daily Progress Report & Day Diagram		
<b>CC.23</b>	<b>Power Authority Power Failures</b>								
CC.23	01-Sep-01	05-Sep-02	ENG-02-166	15-Oct-03	44.1e, 52.1	CR-37	Electricity Power Supply Report	DS-13	Voltage Monitoring Graph
CC.23						CR-38	Record of Public Electrical Power Failure	DS-14	Photographs
<b>CC.24</b>	<b>Non-Contributing Production Resources Affected by Delay</b>								
CC.24	14-May-01	12-Feb-04	ENG-04-027	30-Nov-03	51.1c, 51.1e, 51.1f, 52.1	CR-39	Daily Progress Report & Day Diagram		
<b>CC.25</b>	<b>Consolidated EOT Request and Time-Related Cost of Delay</b>								
CC.25	01-Oct-00	12-Feb-04	ENG-04-027	30-Nov-03	44.1	CR-40	Monthly Manpower Report		
<b>C4</b>	<b>Variation Issues not Relevant to Other Issue Category</b>								
<b>CC.26</b>	<b>Box-out Forms for Notches in Concrete Lining</b>								
CC.26	04-Feb-02	12-Feb-04	ENG-04-027	31-Mar-04	51.1e, 52.1			DS-15	Contract Drawings P1-TN-391 and P1-TN-396
CC.26								DS-16	Superseded Drawings P1-TN-390R1, P1-TN-390R2, P1-TN-395R1 and P1-TN-395R2
CC.26								DS-17	Revised Drawings P1-TN-390R3, P1-TN-391R1, P1-TN-395R3, P1-TN-396R1, 396R2 and 396R3
<b>CC.27</b>	<b>Provision of Water Treatment Plant</b>								
CC.27	06-Dec-01	12-Feb-04	ENG-04-027	on-going	51.1e, 52.1	CR-41	Report for Action in Wastewater Treatment Plant	DS-18	Sub-Contract Agreement Between Hazama-Cienco 6 JV and Hanoi University of Civil Engineering - Center for Foundation and Construction Engineering - Da Nang Branch
CC.27						CR-42	Details of Chemicals used for Wastewater Treatment Plant		
CC.27									
CC.27									
CC.27									
CC.27								DS-19	Photographs
CC.27								DS-20	Invoices of Chemicals
CC.27								DS-21	Temporary Facility Layout Plan (Main Tunnel)
CC.27								DS-22	Temporary Facility Layout Plan (Ventilation Adit Portal)
CC.27									

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Claim Code No.	Date of Event Occurred	Notice of Claim		Date of Event Effect Ended	Applicable FIDIC Clause	List of Contemporary Records		List of Related Documents for Substantiation	
		Date	Ref. No.			CR No.	Description	DS No.	Description
CC.27								DS-23	Water Treatment Plan North Portal
CC.27									
<b>CC.28</b>	<b>Ventilation System at EP Tunnels 1 and 2</b>								
CC.28	16-Jan-03	12-Feb-04	ENG-04-027	30-Nov-03	51.1e, 52.1				
<b>CC.29</b>	<b>Lighting System at EP Tunnels 1 and 2</b>								
CC.29	16-Jan-03	12-Feb-04	ENG-04-027	30-Nov-03	51.1e, 52.1				
<b>CC.30</b>	<b>Steel Form for Concrete Lining of Permanent Cross Passages</b>								
CC.30	20-May-02	12-Feb-04	ENG-04-027	26-Mar-04	51.1a, 52.1			DS-24	Invoice of the Cross Passage Steel Form
CC.30								DS-25	Delivery Receipt of the Cross Passage Steel Form
CC.30								DS-26	Photographs
CC.30								DS-27	Shop Drawing
<b>CC.31</b>	<b>Reduction in Measured Works</b>								
CC.31	01-Oct-00	12-Feb-04	ENG-04-027	on-going	51.1a, 52.1	CR-43	Forecasted Amount to Complete		
CC.31						CR-44	Monthly Statement		
<b>CC.32</b>	<b>Redundant Permanent Materials</b>								
CC.32	14-May-01	12-Feb-04	ENG-04-027	on-going	51.1a, 52.1	CR-45	Materials Inventory	DS-28	Photographs
CC.32						CR-46	Materials on Site Summary		
<b>CC.33</b>	<b>Exchange Rate Impact on Imported Materials</b>								
CC.33	01-Oct-00	12-Feb-04	ENG-04-027	on-going	72.4	CR-47	Summary of Monthly Purchase of Blasting Materials	DS-29	Invoice of Blasting Materials
<b>CC.34</b>	<b>Slope Length Method of Measurement</b>								
CC.34	14-May-01	12-Feb-04	ENG-04-027	30-Nov-03	Section 02330, Item 8				
<b>CC.35</b>	<b>Provision of Temporary Cross Passage No. 1</b>								
CC.35	15-Nov-02	15-Nov-02	ENG-02-203	22-Nov-02	51.1e, 52.1	CR-48	Daily Progress Report & Day Diagram		
<b>CC.36</b>	<b>Removal of Boulders at North &amp; Adit Portal and Adit Access Road</b>								
CC.36	16-Dec-00	12-Feb-04	ENG-04-027	15-Jun-01	51.1e, 52.1	CR-49	Explosion Report	DS-30	Monthly Progress Payment to CIENCO 621
CC.36						CR-50	Joint Site Measurement of Boulder Quantities	DS-31	Certificate for Boulder Quantity for Measurement and Payment
CC.36								DS-32	Photographs
<b>CC.37</b>	<b>Price Adjustment of Blasting Materials</b>								
CC.37	17-Sep-01	17-Dec-02	ENG-02-217	10-Feb-04	70.8			DS-33	Invoice of Blasting Materials
<b>CC.38</b>	<b>Temporary Gravel Bedding at Portal &amp; Tunnel Road Maintenance</b>								
CC.38	14-May-01	12-Feb-04	ENG-04-027	on-going	51.1e, 52.1			DS-34	Photographs
<b>CC.39</b>	<b>Extended Working Time (OT Premium)</b>								
CC.39	04-Feb-02	25-Jan-03	ENG-03-011	on-going	51.1f, 52.1				
<b>C5</b>	<b>Issues Necessary for Acceleration of Project</b>								
<b>CC.40</b>	<b>Provision of Additional 2-Boom Jumbo Drill at Workface (Double Jumbo Operation)</b>								
CC.40	22-Mar-02	26-Dec-01	ENG-01-384	08-Oct-03	51.1f, 52.1			DS-35	Photographs
CC.40								DS-36	March 2002 Monthly Meeting "Others"
<b>CC.41</b>	<b>Provision of Additional 3 units of 14' Guide Cells</b>								
CC.41	17-Apr-03	18-Apr-03	ENG-03-069	30-Nov-03	51.1f, 52.1			DS-37	P.O., Custom, Insurance, Air Freight Documents
<b>CC.42</b>	<b>Provision of Temporary Stockpiling Area Inside Main Tunnel</b>								
CC.42	29-Mar-03	26-Dec-01	ENG-01-384	30-Nov-03	51.1f, 52.1			DS-38	Photographs
<b>CC.43</b>	<b>Provision of 2nd Workface from South End by Song Da Corp.</b>								
CC.43	01-Jul-03	01-Jul-03	ENG-03-138	30-Nov-03	51.1f, 52.1			DS-39	Sub-Contract Agreement
<b>CC.44</b>	<b>Provision of Additional 2-Boom Jumbo Drill (5th Jumbo on Site)</b>								
CC.44	01-Aug-03	02-Aug-03	ENG-03-172	30-Nov-03	51.1f, 52.1			DS-41	Photographs
<b>CC.45</b>	<b>Provision of 2 units Excavator for Tunnel Drainage</b>								
CC.45	23-Dec-02	23-Dec-02	ENG-02-221	30-Apr-04	51.1f, 52.1			DS-43	Photographs
<b>CC.46</b>	<b>Early Start of Tunnel Drainage Works</b>								
CC.46	31-May-03	25-Jan-03	ENG-03-011	30-Apr-04	51.1f, 52.1	CR-51	Daily Progress Report & Day Diagram		
<b>CC.47</b>	<b>Provision of Additional Tunnel Supervisors</b>								
CC.47	17-Feb-03	17-Feb-03	ENG-03-025	30-Jun-04	51.1f, 52.1				
CC.47	14-May-03	14-May-03	ENG-03-095A	30-Jun-04					
CC.47	17-May-03	17-May-03	ENG-03-102	30-Jun-04					
<b>CC.48</b>	<b>Provision of Temporary Cross Passages (TCP3 and TCP4)</b>								

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Date of Event Occurred, Claim Notice Date, Date of Event Effect Ended, Applicable Contract Clause, List of Correspondences, List of Contemporary Records and list of Related Documents for Substantiation

Claim Code No.	Date of Event Occurred	Notice of Claim		Date of Event Effect Ended	Applicable FIDIC Clause	List of Contemporary Records		List of Related Documents for Substantiation	
		Date	Ref. No.			CR No.	Description	DS No.	Description
CC.48	07-Jun-03	06-Jun-03	ENG-03-123	13-Jun-03	51.1f, 52.1	CR-52	Daily Progress Report & Day Diagram		
CC.48	02-Sep-03	01-Sep-03	ENG-03-200	09-Sep-03					
<b>CC.49</b>	<b>Provision of Additional Transformer</b>								
CC.49	07-Jun-03	07-Jun-03	ENG-03-126	on-going	51.1f, 52.1			DS-45	Photographs
CC.49								DS-46	Purchase Order (P.O. No. HVP-ME-058, 11 Apr-03)

1	Claim Code	CC01
2	(Issue No.)	(1.1)
3	Claim Title	Deferred Commencement of Project and Related Matters
4	Type	<p>Claimed Extra Work:</p> <p>VND: YEN: Total in VND: Total in YEN:</p> <p>Claimed EOT: 2.50 months</p>
5	Category	CATEGORY 1 - Issues Affecting Whole of Site and Causing Delay to Project Completion
6	Group	G7: Others
7	Date of Event Occurred	01-Oct-2000
8	Date of Notice of Claim (Sub-Clause 53.1)	06-Jan-2001 (ENG-01-012)
9	Date of Event Effect Ended	01-May-2001
10	Effect of the Event	Due to late awarding of Contract, Open Works was undertaken during the rainy season and time lost due to redesign of NP access road and late railway access
11	Applicable FIDIC Clause	44.1: Extension of Time for Completion
12	Related Technical Specifications	Not applicable
13	Related Pay Item	Not applicable
14	Contemporary Record (Sub-Clause 53.2)	Daily Report, Daily Rainfall Data
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.
16	Interim Account (Sub-Clause 53.3)	Mainly by letters.
17	Final Account (Sub-Clause 53.3)	27-Feb-2001 (ENG-01-087) Report: Report on delay in the Progress of the Open Works
18	Other Supportive Document	Photographs
19	Engineer's Judgement (1) for Claim Identification	Acceptable
20	Reason of Judgement (1) for Claim Identification	<p>Document:</p> <p>1) The Contractor's letter No. ENG-01-087 dated 27-Feb-01. 2) The Engineer's letter No. PMU-304-01 dated 03-Dec-01. 3) The Employer's letter No. /PMU-PP2 dated 26-Dec-2001.</p> <p>Meeting:</p> <p>1) (Site) PMU85, Engineer, Contractor, on 20-Dec-2001. 2) (Hanoi) MOT Vice Minister meeting on 5 March 2003.</p> <p>Futher step:</p> <p>1) Study on EOT of 2.5 months, how the extension affect to whole works of the project 2) Study on value of extra works</p>

1	Claim Code	CC02
2	(Issue No.)	(1.2)
3	Claim Title	Non-Contributing Production Resources Affected by Commencement Delay
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 1,476,740,092  YEN: 839,000  Total in VND: 1,585,810,092  Total in YEN: 12,198,539 </div> </div> <div> <div>Claimed EOT:</div> <div>-- none --</div> </div>
5	Category	CATEGORY 1 - Issues Affecting Whole of Site and Causing Delay to Project Completion
6	Group	G5: Non-Contributing Production Resources Affected by Delay
7	Date of Event Occurred	01-Oct-2000
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)
9	Date of Event Effect Ended	01-May-2001
10	Effect of the Event	Additional cost incurred in maintaining unproductive direct resources during the delay period of 2.5 months during Open Works
11	Applicable FIDIC Clause	51.1c: Variations, change the character of any such work 51.1e: Variations, execution of additional work 51.1f: Variations, change the sequence of work 52.1: Valuation of Variations
12	Related Technical Specifications	Not applicable
13	Related Pay Item	Not applicable
14	Contemporary Record (Sub-Clause 53.2)	Daily Report, Manpower and Equipment Report
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.
16	Interim Account (Sub-Clause 53.3)	Daily Report
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation
18	Other Supportive Document	None
19	Engineer's Judgement (1) for Claim Identification	Acceptable
20	Reason of Judgement (1) for Claim Identification	1) The Engineer's letter No.PMU-304-01 dated 03-Dec-2001 stated that there shall not be additional cost. 2) Further confirmation required.



1	Claim Code	CC03
2	(Issue No.)	(2.2)
3	Claim Title	Adverse Water Conditions
4	Type	<p>Claimed Extra Work:</p> <p>VND: 445,742,230</p> <p>YEN: 37,189,240</p> <p>Total in VND: 5,280,343,430</p> <p>Total in YEN: 40,618,026</p> <p>Claimed EOT: 4.51 months</p>
5	Category	CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit
6	Group	G7: Others
7	Date of Event Occurred	17-Oct-2001
8	Date of Notice of Claim (Sub-Clause 53.1)	18-Oct-2000 (ENG-04-027)
9	Date of Event Effect Ended	22-Mar-2003
10	Effect of the Event	Drilling works were suspended for 2 weeks due to the 1st water gushings and subsequent excavation works were affected by 2 more occurrences of water gushings and continuous water intrusions causing delay of excavation works.
11	Applicable FIDIC Clause	<p>11.1: Inspection of Site</p> <p>12.1: Sufficiency of Tender</p> <p>12.2: Not Foreseeable Physical Obstructions or Conditions, Adverse Physical</p> <p>44.1a: Extension of Time for Completion, amount or nature of extra or additional work</p> <p>51.1: Variations</p> <p>52.1: Valuation of Variations, Valuation of Varied Works</p>
12	Related Technical Specifications	02330 Clause 2.1, 02346 Clause 4
13	Related Pay Item	Not applicable
14	Contemporary Record (Sub-Clause 53.2)	Submitted.
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.
16	Interim Account (Sub-Clause 53.3)	Mainly by letters.
17	Final Account (Sub-Clause 53.3)	<p>1) 20-Aug-2003 (ENG-03-191) Report: Ventilation Adit EOT</p> <p>2) 12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation</p>
18	Other Supportive Document	Photographs
19	Engineer's Judgement (1) for Claim Identification	Acceptable
20	Reason of Judgement (1) for Claim Identification	<p>1) Contractor submitted substantial documents.</p> <p>2) Further quantification required.</p>

1	Claim Code	CC04	
2	(Issue No.)	(2.3.1)	
3	Claim Title	Time for Additional Excavation	
4	Type		
	Claimed Extra Work:	VND: YEN: Total in VND: Total in YEN:	
	Claimed EOT:	1.25 months	
5	Category	CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit	
6	Group	G1: 144m Extension of Ventilation Adit	
7	Date of Event Occurred	20-Dec-2002	
8	Date of Notice of Claim (Sub-Clause 53.1)	15-Apr-2003 (ENG-03-064)	
9	Date of Event Effect Ended	25-Jan-2003	
10	Effect of the Event	Additional time in excavating the 144m extension	
11	Applicable FIDIC Clause	44.1a: Extension of Time for Completion, amount or nature of extra or additional work	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Daily Diagram, Advance per Round	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
		1) Contractor's approved work schedule has 380m excavation of main tunnel from VA 2) Considering the above work program, EOT should be further studied and evaluated. 3) 1.0 month EOT was confirmed during MOT Vice Minister meeting on 5 March 2003.	

1	Claim Code	CC05	
2	(Issue No.)	(2.3.2)	
3	Claim Title	Time for Additional Concrete Lining	
4	Type		
	Claimed Extra Work:	VND: YEN: Total in VND: Total in YEN:	
	Claimed EOT:	1.20 months	
5	Category	CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit	
6	Group	G1: 144m Extension of Ventilation Adit	
7	Date of Event Occurred	18-Jun-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	15-Apr-2003 (ENG-03-064)	
9	Date of Event Effect Ended	23-Jul-2003	
10	Effect of the Event	Reduced work efficiency due to 144m extension	
11	Applicable FIDIC Clause	44.1a: Extension of Time for Completion, amount or nature of extra or additional work	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Ventilation Adit Rear Work Report	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
	1) Should be quantified with CC04.		

1	Claim Code	CC06	
2	(Issue No.)	(2.3.3)	
3	Claim Title	Time for Relocation of Junction Works	
4	Type		
	Claimed Extra Work:	VND: YEN: Total in VND: Total in YEN:	
	Claimed EOT:	1.16 months	
5	Category	CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit	
6	Group	G1: 144m Extension of Ventilation Adit	
7	Date of Event Occurred	25-Jan-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	15-Apr-2003 (ENG-03-064)	
9	Date of Event Effect Ended	22-Mar-2003	
10	Effect of the Event	Additional time suffered due to relocation of junction	
11	Applicable FIDIC Clause	44.1a: Extension of Time for Completion, amount or nature of extra or additional work	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Advance per Round	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
	1) Should be quantified with CC04.		

1	Claim Code	CC07	
2	(Issue No.)	(2.3.4)	
3	Claim Title	Unit Rates not Applicable to Extension (Excavation, Concrete, Shotcrete and others)	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 72,391,354  YEN: 4,776,782  Total in VND: 693,373,014  Total in YEN: 5,333,639 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit	
6	Group	G1: 144m Extension of Ventilation Adit	
7	Date of Event Occurred	20-Dec-2002	
8	Date of Notice of Claim (Sub-Clause 53.1)	15-Apr-2003 (ENG-03-064)	
9	Date of Event Effect Ended	23-Jul-2003	
10	Effect of the Event	Additional travel time suffered due to 144m extension	
11	Applicable FIDIC Clause	44.1: Extension of Time for Completion 52.1: Valuation of Varied Works	
12	Related Technical Specifications	Division 2A and 3	
13	Related Pay Item	extra-over rate	
14	Contemporary Record (Sub-Clause 53.2)	Daily Report	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None	
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>	
20	Reason of Judgement (1) for Claim Identification	1) Considering the work volume of whole VA, which is originaly 1810m long, the change is 87m ony 4.8% extension and negligible.	

1	Claim Code	CC08
2	(Issue No.)	(2.3.5)
3	Claim Title	Provision of Additional Ventilation Fans due to Excessive Heat
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 397,501,714  YEN: 89,516  Total in VND: 409,138,794  Total in YEN: 3,147,221 </div> </div> <div>Claimed EOT:</div>
5	Category	CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit
6	Group	G1: 144m Extension of Ventilation Adit
7	Date of Event Occurred	06-Feb-2003
8	Date of Notice of Claim (Sub-Clause 53.1)	15-Apr-2003 (ENG-03-064)
9	Date of Event Effect Ended	16-May-2003
10	Effect of the Event	Excessive heat encountered due to 144m extension and flattened gradient
11	Applicable FIDIC Clause	51.1: Variations 52.1: Valuation of Varied Works
12	Related Technical Specifications	Not applicable
13	Related Pay Item	Not applicable
14	Contemporary Record (Sub-Clause 53.2)	Not submitted.
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.
16	Interim Account (Sub-Clause 53.3)	Daily Report
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation
18	Other Supportive Document	
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>
20	Reason of Judgement (1) for Claim Identification	<p>1) Considering the work volume of whole VA, which is originaly 1810m long, the change is 87m ony 4.8% extension and negligible.</p> <p>2) Contractor inteded to excavate 380m of the main tunnel from the bottom of VA. In comoparision to this work plan, extended VA and 57m excavation of main tunnel is negligible.</p>

1	Claim Code	CC09	
2	(Issue No.)	(2.6)	
3	Claim Title	Non-Contributing Production Resources Affected by Ventilation Adit Works Delay	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 11,759,381,483  YEN: 1,165,878  Total in VND: 11,910,945,623  Total in YEN: 91,622,659 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 2 - Issues Resulting in Delay to Ventilation Adit	
6	Group	G5: Non-Contributing Production Resources Affected by Delay	
7	Date of Event Occurred	03-Jul-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	22-Mar-2003	
10	Effect of the Event	Additional cost incurred in maintaining unproductive direct resources during the delay period in Ventilation Adit Excavation Works	
11	Applicable FIDIC Clause	51.1c: Variations, change the character of any such work 51.1e: Variations, execution of additional work 51.1f: Variations, change the sequence of work 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Daily Diagram, Manpower and Equipment Report	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Contractor's approved work schedule has 380m excavation of main tunnel from VA 2) Considering the above work program, EOT should be further studied and evaluated. 3) 1.0 month EOT was confirmed during MOT Vice Minister meeting on 5 March 2003. 4) Further quantification and confirmation required.	

1	Claim Code	CC10	
2	(Issue No.)	(3.2)	
3	Claim Title	North Portal + 72m	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 64,866,412  YEN: 73,948  Total in VND: 74,479,652  Total in YEN: 572,920 </div> </div> <div> <div>Claimed EOT:</div> <div>2.49 months</div> </div>	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion	
6	Group	G7: Others	
7	Date of Event Occurred	14-May-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	27-Sep-2001 (ENG-01-331)	
9	Date of Event Effect Ended	15-Sep-2001	
10	Effect of the Event	Unforeseeable soft ground conditions necessitated additional support system, as instructed by the Engineer and due to other related matters resulted to a time loss.	
11	Applicable FIDIC Clause	44.1a: Extension of Time for Completion, EOT for Completion (additional work) 51.1e: Variations, execution of additional work 52.1: Valuation of Variations	
12	Related Technical Specifications	Division 2A and 3	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Daily Diagram, Advance Per Round, Engineer's Site Instruction	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Evaluation of the progress rate at the softground section requires further study.	



1	Claim Code	CC11
2	(Issue No.)	(3.3)
3	Claim Title	Rockbolts in Rock Support Type I Conditions
4	Type	<p>Claimed Extra Work:</p> <p>VND: 116,587,896</p> <p>YEN: 441,304</p> <p>Total in VND: 173,957,416</p> <p>Total in YEN: 1,338,134</p> <p>Claimed EOT: 0.87 month</p>
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion
6	Group	G7: Others
7	Date of Event Occurred	21-Sep-2001
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation
9	Date of Event Effect Ended	30-Nov-2003
10	Effect of the Event	Engineer's Instructions to install rockbolts in Rock Support Type I which were not required in the original design resulted to an additional time.
11	Applicable FIDIC Clause	44.1a: Extension of Time for Completion, EOT for Completion (additional work) 51.1: Variations 52.1e: Valuation of Variations, execution of additional work
12	Related Technical Specifications	Section 02341
13	Related Pay Item	02341 extra-over rate
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Rockbolt Installation Inspection Sheet, Engineer's Site Instruction
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.
16	Interim Account (Sub-Clause 53.3)	Not submitted.
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation
18	Other Supportive Document	None
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>
20	Reason of Judgement (1) for Claim Identification	<p>1) Contractor's assumed rock type was 40% of Type I and 40% of Type II.</p> <p>2) Comparing to the above work assumption, actual rock condition was better than that.</p>

1	Claim Code	CC12	
2	(Issue No.)	(3.4.1)	
3	Claim Title	Additional Drilling and Reduced Advance	
4	Type	<p>Claimed Extra Work:</p> <p>VND:</p> <p>YEN:</p> <p>Total in VND:</p> <p>Total in YEN:</p> <p>Claimed EOT: 0.68 month</p>	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion	
6	Group	G2: Rock Hardness	
7	Date of Event Occurred	14-Sep-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Additional drilling time and increase in cycle time resulted to an additional time.	
11	Applicable FIDIC Clause	<p>44.1a: Extension of Time for Completion, amount or nature of extra or additional work</p> <p>51.1c: change the character of any such work</p> <p>51.1e: execution of additional Work</p> <p>52.1: Valuation of Varied Works</p>	
12	Related Technical Specifications	Division 2A	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Day Digram, Advance Per Round	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Further study needed whether the rock hardness of 1,500kg/cm2 was foreseeable or not.	

1	Claim Code	CC13	
2	(Issue No.)	(3.4.2)	
3	Claim Title	Overbreak	
4	Type	<p>Claimed Extra Work:</p> <p>VND: 3,089,384,438</p> <p>YEN: 72,241,748</p> <p>Total in VND: 12,480,811,678</p> <p>Total in YEN: 96,006,244</p> <p>Claimed EOT: 0.69 month</p>	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion	
6	Group	G2: Rock Hardness	
7	Date of Event Occurred	14-Sep-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Due to the adverse condition of rock hardness, uncontrollable geological overbreak was suffered	
11	Applicable FIDIC Clause	<p>44.1a: Extension of Time for Completion, amount or nature of extra or additional work</p> <p>51.1c: change the character of any such work</p> <p>51.1e: execution of additional Work</p> <p>52.1: Valuation of Varied Works</p>	
12	Related Technical Specifications	Division 2A	
13	Related Pay Item	02330	
14	Contemporary Record (Sub-Clause 53.2)	Profile Data and Face Observation	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Mainly by letters.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document		
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Same as CC12.	

1	Claim Code	CC14	
2	(Issue No.)	(3.4.3)	
3	Claim Title	Bulking	
4	Type	<p>Claimed Extra Work:</p> <p>VND: 180,804,752</p> <p>YEN: 10,473,446</p> <p>Total in VND: 1,542,352,732</p> <p>Total in YEN: 11,864,252</p> <p>Claimed EOT: 0.70 month</p>	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion	
6	Group	G2: Rock Hardness	
7	Date of Event Occurred	14-Sep-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Big size of blasted rock materials caused a 6% increase in the bulking factor	
11	Applicable FIDIC Clause	<p>44.1a: Extension of Time for Completion, amount or nature of extra or additional work</p> <p>51.1c: change the character of any such work</p> <p>51.1e: execution of additional Work</p> <p>52.1: Valuation of Varied Works</p>	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	02300 extra-over rate	
14	Contemporary Record (Sub-Clause 53.2)	Not submitted.	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Same as CC12.	

1	Claim Code	CC15	
2	(Issue No.)	(3.4.4)	
3	Claim Title	Additional Volume of Concrete Lining, Waterproofing, Leveling Concrete and Aggregate Fill	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 4,026,667,759  YEN: 120,067,901  Total in VND: 19,635,494,889  Total in YEN: 151,042,268 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion	
6	Group	G2: Rock Hardness	
7	Date of Event Occurred	14-Sep-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Due to uncontrollable geological overbreak, increase in volume of void (concrete	
11	Applicable FIDIC Clause	44.1a: Extension of Time for Completion, amount or nature of extra or additional work 51.1c: change the character of any such work 51.1e: execution of additional Work 52.1: Valuation of Varied Works	
12	Related Technical Specifications	Division 2A, 2B, 3	
13	Related Pay Item	02300, 02580, 03110, 03200	
14	Contemporary Record (Sub-Clause 53.2)	Inspection Sheet, Actual Batching Plant Production Record, Payment Record for Concrete Supply	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Same as CC12.	

1	Claim Code	CC16	
2	(Issue No.)	(3.4.5)	
3	Claim Title	Increase in Repair and Maintenance	
4	Type	<p>Claimed Extra Work:</p> <p>VND: 1,188,610,112</p> <p>YEN: 67,193,956</p> <p>Total in VND: 9,923,824,392</p> <p>Total in YEN: 76,337,111</p> <p>Claimed EOT:</p>	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion	
6	Group	G2: Rock Hardness	
7	Date of Event Occurred	14-Sep-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Due to the adverse condition of rock hardness, (1) excessive damage to	
11	Applicable FIDIC Clause	<p>44.1a: Extension of Time for Completion, amount or nature of extra or additional work</p> <p>51.1c: change the character of any such work</p> <p>51.1e: execution of additional Work</p> <p>52.1: Valuation of Varied Works</p>	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Spare Parts and Consumables Purchase Record, Blasting Material Consumption Record	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Same as CC12.	

1	Claim Code	CC17	
2	(Issue No.)	(3.4.6)	
3	Claim Title	Additional Shotcrete	
4	Type	<p>Claimed Extra Work:</p> <p>VND: 18,263,399</p> <p>YEN: 33,425,341</p> <p>Total in VND: 4,363,557,729</p> <p>Total in YEN: 33,565,829</p> <p>Claimed EOT:</p>	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion	
6	Group	G2: Rock Hardness	
7	Date of Event Occurred	14-Sep-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	the uncontrollable geological overbreak resulted to an increase in shotcrete volume	
11	Applicable FIDIC Clause	<p>44.1a: Extension of Time for Completion, amount or nature of extra or additional work</p> <p>51.1c: change the character of any such work</p> <p>51.1e: execution of additional Work</p> <p>52.1: Valuation of Varied Works</p>	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	03300	
14	Contemporary Record (Sub-Clause 53.2)	Actual Batching Plant Production Record, Actual Subcontract Payment Record	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	<p>12-Feb-2004 (ENG-04-027)</p> <p>Report: Request for Extension of Time and Additional Compensation</p>	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Same as CC12.	

1	Claim Code	CC18
2	(Issue No.)	(3.5)
3	Claim Title	Additional Layby at Relocated EP1
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 229,987,648  YEN:  Total in VND: 229,987,648  Total in YEN: 1,769,136 </div> </div> <div> <div>Claimed EOT:</div> <div>0.11 month</div> </div>
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion
6	Group	G7: Others
7	Date of Event Occurred	27-Dec-2002
8	Date of Notice of Claim (Sub-Clause 53.1)	01-Oct-2002 (ENG-02-173)
9	Date of Event Effect Ended	06-Jan-2003
10	Effect of the Event	The relocation of EP1 resulted to one additional layby which caused an additional time of 3 days to excavate the additional volume and consequently additional cost was suffered
11	Applicable FIDIC Clause	51.1e: Variations, execution of additional work 52.1: Valuation of Variations
12	Related Technical Specifications	Division 2A and 3
13	Related Pay Item	extra-over rate 02330, 02341, 03300, 03650
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Advance Per Round
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.
16	Interim Account (Sub-Clause 53.3)	Daily Report
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation
18	Other Supportive Document	
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>
20	Reason of Judgement (1) for Claim Identification	1) Contractor's work program doesn't distinguish progress rate between the standard section and Lay-by section.



1	Claim Code	CC19
2	(Issue No.)	(3.6)
3	Claim Title	Remedial Works for Excess Geological Deformation
4	Type	<p>Claimed Extra Work:</p> <p>VND:</p> <p>YEN:</p> <p>Total in VND:</p> <p>Total in YEN:</p> <p>Claimed EOT: 0.73 month</p>
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion
6	Group	G7: Others
7	Date of Event Occurred	05-Oct-2002
8	Date of Notice of Claim (Sub-Clause 53.1)	08-Oct-2002 (ENG-02-180)
9	Date of Event Effect Ended	23-May-2003
10	Effect of the Event	Remedial works such as re-shotcreting and installation of additional support elements due to geological deformation resulted to an additional time.
11	Applicable FIDIC Clause	44.1a: Extension of Time for Completion, amount or nature of extra or additional work 44.1e: Extension of Time for Completion, other special circumstances
12	Related Technical Specifications	Division 2A and 3
13	Related Pay Item	Not applicable
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Advance Per Round, Engineer's Site Instruction
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.
16	Interim Account (Sub-Clause 53.3)	Daily Report
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation
18	Other Supportive Document	Photographs
19	Engineer's Judgement (1) for Claim Identification	Acceptable
20	Reason of Judgement (1) for Claim Identification	<p>1) Geological deformation was unforeseeable.</p> <p>2) Delay of works should be quantified.</p>

1	Claim Code	CC20	
2	(Issue No.)	(3.7)	
3	Claim Title	Impact of Adit Delay on Main Tunnel Progress	
4	Type		
	Claimed Extra Work:	VND: YEN: Total in VND: Total in YEN:	
	Claimed EOT:	2.75 months	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion	
6	Group	G7: Others	
7	Date of Event Occurred	19-Jan-2002	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	22-Mar-2003	
10	Effect of the Event	Due to the adverse water conditions and the 144m extension, Adit excavation was delayed and consequently limited the Adit Contribution to 55m out of the planned 380m which resulted to a time loss of main tunnel excavation.	
11	Applicable FIDIC Clause	44.1a: Extension of Time for Completion, amount or nature of extra or additional work 44.1e: Extension of Time for Completion, other special circumstances	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Advance Per Round	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
	1) Relationship between Adit excavation and main tunnel progress should be examined.		

1	Claim Code	CC21	
2	(Issue No.)	(3.8.1)	
3	Claim Title	Temporary Cross Passage (TCP2) from MT to ET	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 33,635,813  YEN: 872,357  Total in VND: 147,042,223  Total in YEN: 1,131,094 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion	
6	Group	G3: Provision of Temporary Cross Passage	
7	Date of Event Occurred	16-Apr-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	16-Apr-2003 (ENG-03-066)	
9	Date of Event Effect Ended	23-Apr-2003	
10	Effect of the Event	Provision of Temporary Cross Passage No. 2 and Temporary Connection Tunnel were necessitated to accelerate excavation of Evacuation Tunnel, to provide additional access and to enable to continue the Adit Contribution due to the improved ventilation system	
11	Applicable FIDIC Clause	51.1e: Variations, execution of additional work 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	02330, 02341, 02570, 03110, 03300, 03650	
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Inspection Sheet	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Temporary cross passage contributed to the work progress of excavation of evacuation tunnel. 2) Quantification required.	

1	Claim Code	CC22															
2	(Issue No.)	(3.8.2)															
3	Claim Title	Temporary Connection Tunnel from VA to MT															
4	Type	<table> <tr> <td>Claimed Extra Work:</td><td>VND:</td><td>33,635,813</td></tr> <tr> <td></td><td>YEN:</td><td>872,357</td></tr> <tr> <td></td><td>Total in VND:</td><td>147,042,223</td></tr> <tr> <td></td><td>Total in YEN:</td><td>1,131,094</td></tr> <tr> <td>Claimed EOT:</td><td></td><td></td></tr> </table>	Claimed Extra Work:	VND:	33,635,813		YEN:	872,357		Total in VND:	147,042,223		Total in YEN:	1,131,094	Claimed EOT:		
Claimed Extra Work:	VND:	33,635,813															
	YEN:	872,357															
	Total in VND:	147,042,223															
	Total in YEN:	1,131,094															
Claimed EOT:																	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion															
6	Group	G3: Provision of Temporary Cross Passage															
7	Date of Event Occurred	23-Apr-2003															
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)															
9	Date of Event Effect Ended	26-May-2003															
10	Effect of the Event	Provision of Temporary Cross Passage No. 2 and Temporary Connection															
11	Applicable FIDIC Clause	51.1e: Variations, execution of additional work 52.1: Valuation of Variations															
12	Related Technical Specifications	Not applicable															
13	Related Pay Item	02330, 02341, 02570, 03110, 03300, 03650															
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Inspection Sheet															
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.															
16	Interim Account (Sub-Clause 53.3)	Daily Report															
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation															
18	Other Supportive Document	Photographs															
19	Engineer's Judgement (1) for Claim Identification	Acceptable															
20	Reason of Judgement (1) for Claim Identification	<p>1) Temporary cross passage contributed to the work progress of excavation of main tunnel.</p> <p>2) Quantification required.</p>															

1	Claim Code	CC23
2	(Issue No.)	(3.9)
3	Claim Title	Power Authority Power Failures
4	Type	<p>Claimed Extra Work:</p> <p>VND: 626,103,136</p> <p>YEN: 15,396,932</p> <p>Total in VND: 2,627,704,296</p> <p>Total in YEN: 20,213,110</p> <p>Claimed EOT: 0.10 month</p>
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion
6	Group	G7: Others
7	Date of Event Occurred	01-Sep-2001
8	Date of Notice of Claim (Sub-Clause 53.1)	05-Sep-2002 (ENG-02-166)
9	Date of Event Effect Ended	15-Oct-2003
10	Effect of the Event	Excessive power failures and voltage fluctuations resulted to disruptions and damage to several tunnel construction equipment which are electrically operated
11	Applicable FIDIC Clause	44.1e: Extension of Time for Completion, other special circumstances 52.1: Valuation of Variations
12	Related Technical Specifications	Section 01200
13	Related Pay Item	Not applicable
14	Contemporary Record (Sub-Clause 53.2)	Voltage Monitoring Graph, Record of Public Electrical Power Failure
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.
16	Interim Account (Sub-Clause 53.3)	Mainly by letters.
17	Final Account (Sub-Clause 53.3)	27-Feb-2001 (ENG-01-087) Report: Report on delay in the Progress of the Open Works
18	Other Supportive Document	
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>
20	Reason of Judgement (1) for Claim Identification	<p>1) Unstable power supply is commonly occurred in developing countries.</p> <p>2) Contractor should have taken countermeasures appropriately.</p>

1	Claim Code	CC24	
2	(Issue No.)	(3.10)	
3	Claim Title	Non-Contributing Production Resources Affected by Main Tunnel Works Delay	
4	Type		
	Claimed Extra Work:	VND: 12,798,939,831 YEN: 6,181,357 Total in VND: 13,602,516,241 Total in YEN: 104,634,740	
	Claimed EOT:		
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion	
6	Group	G5: Non-Contributing Production Resources Affected by Delay	
7	Date of Event Occurred	14-May-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Additional cost incurred in maintaining unproductive direct resources during the delay period of in main tunnel excavation works	
11	Applicable FIDIC Clause	51.1c: Variations, change the character of any such work 51.1e: Variations, execution of additional work 51.1f: Variations, change the sequence of work 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Manpowe and Equipment Report	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document		
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
		1) Delay of main tunnel excavation works have not been quantified. 2) Quantification required.	

1	Claim Code	CC25															
2	(Issue No.)	(3.11)															
3	Claim Title	Consolidated EOT Request (including Time-Related Costs of Delay)															
4	Type	<table> <tr> <td>Claimed Extra Work:</td><td>VND:</td><td>4,365,595,085</td></tr> <tr> <td></td><td>YEN:</td><td>16,331,585</td></tr> <tr> <td></td><td>Total in VND:</td><td>6,488,701,135</td></tr> <tr> <td></td><td>Total in YEN:</td><td>49,913,086</td></tr> <tr> <td>Claimed EOT:</td><td></td><td></td></tr> </table>	Claimed Extra Work:	VND:	4,365,595,085		YEN:	16,331,585		Total in VND:	6,488,701,135		Total in YEN:	49,913,086	Claimed EOT:		
Claimed Extra Work:	VND:	4,365,595,085															
	YEN:	16,331,585															
	Total in VND:	6,488,701,135															
	Total in YEN:	49,913,086															
Claimed EOT:																	
5	Category	CATEGORY 3 - Issues Causing Delay to Main Tunnel and Project Completion															
6	Group	G7: Others															
7	Date of Event Occurred	01-Oct-2000															
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation															
9	Date of Event Effect Ended	30-Nov-2003															
10	Effect of the Event	Additional cost incurred in maintaining indirect resources during the extended period.															
11	Applicable FIDIC Clause	44.1: Extension of Time for Completion															
12	Related Technical Specifications	Not applicable															
13	Related Pay Item	Not applicable															
14	Contemporary Record (Sub-Clause 53.2)	Monthly manpower report, General Expense Record															
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.															
16	Interim Account (Sub-Clause 53.3)	Not submitted.															
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation															
18	Other Supportive Document	None															
19	Engineer's Judgement (1) for Claim Identification	Acceptable															
20	Reason of Judgement (1) for Claim Identification	<p>1) This claim related to quantification of EOT.</p> <p>2) Quantification required after consolidation of EOT.</p>															

1	Claim Code	CC26	
2	(Issue No.)	(4.1)	
3	Claim Title	Box-out Forms for Notches in Concrete Lining	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 29,394,992  YEN: 391,981  Total in VND: 80,352,522  Total in YEN: 618,096 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G7: Others	
7	Date of Event Occurred	04-Feb-2002	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	31-Mar-2004	
10	Effect of the Event	Additional cost incurred due to "Design Change" (increased formwork area of notches by about 100m2)	
11	Applicable FIDIC Clause	51.1e: Variations, execution of additional work 52.1: Valuation of Variations	
12	Related Technical Specifications	Section 03200	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Inspection Sheet, Approved Working Drawing	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Shop drawings	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Additional works to the original scope of works. 2) Quantification required.	



1	Claim Code	CC27	
2	(Issue No.)	(4.3)	
3	Claim Title	Provision of Water Treatment Plant	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 832,471,000  YEN: 5,035,192  Total in VND: 1,487,045,960  Total in YEN: 11,438,815 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G7: Others	
7	Date of Event Occurred	06-Dec-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	On going	
10	Effect of the Event	Additional cost incurred for achieving utmost environmental protection (water pollution control)	
11	Applicable FIDIC Clause	51.1e: Variations, execution of additional work 52.1: Valuation of Variations	
12	Related Technical Specifications	Section 01650	
13	Related Pay Item	01650	
14	Contemporary Record (Sub-Clause 53.2)	By letters, Detail of Chemical Used Record	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	By letters	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Contract of subletting works	
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>	
20	Reason of Judgement (1) for Claim Identification	1) Not extra work to the original scope of works	

1	Claim Code	CC28	
2	(Issue No.)	(4.4)	
3	Claim Title	Ventilation System at EP Tunnels 1 and 2	
4	Type		
	Claimed Extra Work:	VND: 191,810,616 YEN: 1,631,436 Total in VND: 403,897,296 Total in YEN: 3,106,902	
	Claimed EOT:		
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G6: Ventilation System and Lighting System at EP Tunnels 1 and 2	
7	Date of Event Occurred	16-Jan-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Measurable Item as stipulated in the Technical Specification	
11	Applicable FIDIC Clause	51.1e: Variations, execution of additional work 52.1: Valuation of Variations	
12	Related Technical Specifications	Section 02350	
13	Related Pay Item	02350	
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Advance Per Round	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None.	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
	1) Additional works to the original scope of works		

1	Claim Code	CC29	
2	(Issue No.)	(4.5)	
3	Claim Title	Lighting System at EP Tunnels 1 and 2	
4	Type		
	Claimed Extra Work:	VND: 44,650,176	
		YEN: 460,092	
		Total in VND: 104,462,136	
		Total in YEN: 803,555	
	Claimed EOT:		
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G6: Ventilation System and Lighting System at EP Tunnels 1 and 2	
7	Date of Event Occurred	16-Jan-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Measurable Item as stipulated in the Technical Specification	
11	Applicable FIDIC Clause	51.1e: Variations, execution of additional work 52.1: Valuation of Variations	
12	Related Technical Specifications	Section 02360	
13	Related Pay Item	02360	
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Advance Per Round	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None.	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
	1) Additional works to the original scope of works		

1	Claim Code	CC30															
2	(Issue No.)	(4.6)															
3	Claim Title	Steel Form for Concrete Lining of Permanent Cross Passages															
4	Type	<table> <tr> <td>Claimed Extra Work:</td><td>VND:</td><td>14,506,688</td></tr> <tr> <td></td><td>YEN:</td><td>340,018</td></tr> <tr> <td></td><td>Total in VND:</td><td>58,709,028</td></tr> <tr> <td></td><td>Total in YEN:</td><td>451,608</td></tr> <tr> <td>Claimed EOT:</td><td></td><td></td></tr> </table>	Claimed Extra Work:	VND:	14,506,688		YEN:	340,018		Total in VND:	58,709,028		Total in YEN:	451,608	Claimed EOT:		
Claimed Extra Work:	VND:	14,506,688															
	YEN:	340,018															
	Total in VND:	58,709,028															
	Total in YEN:	451,608															
Claimed EOT:																	
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category															
6	Group	G7: Others															
7	Date of Event Occurred	20-May-2002															
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)															
9	Date of Event Effect Ended	26-Mar-2004															
10	Effect of the Event	Cost of the steel form was not recovered due to deletion of works (80% of concrete lining of cross passages deleted due to near future enlargement of Evacuation Tunnel)															
11	Applicable FIDIC Clause	51.1a: Variations, increase or decrease the quantity of any work included in the 52.1: Valuation of Variations															
12	Related Technical Specifications	Section 03200															
13	Related Pay Item	Not applicable															
14	Contemporary Record (Sub-Clause 53.2)	Invoice of Steel Form, Engineer's Instruction Letter, Approved Shop Drawing for Steel Form															
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.															
16	Interim Account (Sub-Clause 53.3)	Not submitted.															
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation															
18	Other Supportive Document	Contract drawings and Shop drawings															
19	Engineer's Judgement (1) for Claim Identification	Acceptable															
20	Reason of Judgement (1) for Claim Identification	1) Considerable deduction from the original scope of works															

1	Claim Code	CC31	
2	(Issue No.)	(4.7)	
3	Claim Title	Reduction in Measured Works	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 1,252,800,225  YEN: 64,761,659  Total in VND: 9,671,815,895  Total in YEN: 74,398,584 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G7: Others	
7	Date of Event Occurred	01-Oct-2000	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	On going	
10	Effect of the Event	Decrease in measured works resulted to overhead loss	
11	Applicable FIDIC Clause	51.1a: Variations, increase or decrease the quantity of any work included in the 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Division 1, 2A, 2B, 3, 5, 8, 9, 13, 15, 17	
14	Contemporary Record (Sub-Clause 53.2)	Monthly Statement	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Monthly statement	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None.	
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>	
20	Reason of Judgement (1) for Claim Identification	1) Actual work quantities are not far from the contracted value.	

1	Claim Code	CC32	
2	(Issue No.)	(4.8)	
3	Claim Title	Redundant Permanent Materials (Wire Mesh, Rockbolts and others)	
4	Type		
	Claimed Extra Work:	VND: 232,169,760 YEN: 8,304,758 Total in VND: 1,311,788,300 Total in YEN: 10,090,679	
	Claimed EOT:		
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G7: Others	
7	Date of Event Occurred	14-May-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	On going	
10	Effect of the Event	Excess of Permanent Materials due to drastic change in geological conditions	
11	Applicable FIDIC Clause	51.1a: Variations, increase or decrease the quantity of any work included in the 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Record of Material on Site	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Material on Site Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
		1) Some materials can't be forecasted because of the project in developing country. 2) Quantification required.	

1	Claim Code	CC33	
2	(Issue No.)	(4.9)	
3	Claim Title	Exchange Rate Impact on Imported Materials	
4	Type		
	Claimed Extra Work:	VND: YEN: 32,516,860 Total in VND: 4,227,191,800 Total in YEN: 32,516,860	
	Claimed EOT:		
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G7: Others	
7	Date of Event Occurred	01-Oct-2000	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	On going	
10	Effect of the Event	Losses incurred due to change in country of origin of materials and fluctuations in foreign exchange rate in purchasing blasting materials	
11	Applicable FIDIC Clause	72.4: Change in Country of Origin of Materials	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Invoice of Blasting Material	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Invoice of purchasement	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
	1) Follow the contract clause 72.4.		

1	Claim Code	CC34	
2	(Issue No.)	(4.10)	
3	Claim Title	Slope Length Method of Measurement	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 65,476,195  YEN: 1,656,933  Total in VND: 280,877,485  Total in YEN: 2,160,596 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G7: Others	
7	Date of Event Occurred	14-May-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Measurement Principle --- as stipulated in the Technical Specifications	
11	Applicable FIDIC Clause		
12	Related Technical Specifications	Section 02330, Item 8	
13	Related Pay Item	Division 2A, 2B, 3	
14	Contemporary Record (Sub-Clause 53.2)	Advacne Per Round	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None	
19	Engineer's Judgement (1) for Claim Identification	Not Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Apply general practice in tunneling, which is inclined distance from 30 degrees.	



1	Claim Code	CC35	
2	(Issue No.)	(4.11)	
3	Claim Title	Provision of Temporary Cross Passage (TCP1)	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 56,881,452  YEN: 1,453,317  Total in VND: 245,812,662  Total in YEN: 1,890,867 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G3: Provision of Temporary Cross Passage	
7	Date of Event Occurred	15-Nov-2002	
8	Date of Notice of Claim (Sub-Clause 53.1)	15-Nov-2002 (ENG-02-203)	
9	Date of Event Effect Ended	22-Nov-2002	
10	Effect of the Event	Additional cost incurred for excavation and backfilling works	
11	Applicable FIDIC Clause	51.1e: Variations, execution of additional work 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	02330, 02341, 02570, 03110, 03300, 03650	
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Inspection Sheet	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Temporary cross passage contributed to the work progress of excavation of evacuation tunnel. 2) Quantification required.	

1	Claim Code	CC36	
2	(Issue No.)	(4.12)	
3	Claim Title	Removal of Boulders at North Portal, Adit Portal and Adit Access Road	
4	Type		
	Claimed Extra Work:	VND: 1,711,326,790 YEN: Total in VND: 1,711,326,790 Total in YEN: 13,164,052	
	Claimed EOT:		
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G7: Others	
7	Date of Event Occurred	16-Dec-2000	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	15-Jun-2001	
10	Effect of the Event	Additional cost incurred in excessive drilling and blasting of boulders	
11	Applicable FIDIC Clause	51.1e: Variations, execution of additional work 52.1: Valuation of Variations	
12	Related Technical Specifications	Division 2B	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Joint Measurement of Boulder Quantities, Progress Payment to Subcontractor	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>	
20	Reason of Judgement (1) for Claim Identification		
	1) Technical Specifications stipulates that all kinds of rocks and soils are inclusive.		

1	Claim Code	CC37	
2	(Issue No.)	(4.13)	
3	Claim Title	Price Adjustment of Blasting Materials	
4	Type		
	Claimed Extra Work:	VND: YEN: 45,412,362 Total in VND: 5,903,607,060 Total in YEN: 45,412,362	
	Claimed EOT:		
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G7: Others	
7	Date of Event Occurred	17-Sep-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	17-Dec-2002 (ENG-02-217)	
9	Date of Event Effect Ended	10-Feb-2004	
10	Effect of the Event	Additional cost incurred due to adjustment in prices of blasting materials	
11	Applicable FIDIC Clause	70.8: Subsequent Legislation which Causes Additional or Reduced Cost to the Contractor	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Invoice of Blasting Material	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Invoice of purchasement	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
	1) Follow the contract clause 70.8.		

1	Claim Code	CC38	
2	(Issue No.)	(4.14)	
3	Claim Title	Temporary Gravel Bedding at Portal Plaza and Tunnel Road Maintenance	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 2,801,130,000  YEN: 277,305  Total in VND: 2,837,179,650  Total in YEN: 21,824,459 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G7: Others	
7	Date of Event Occurred	14-May-2001	
8	Date of Notice of Claim (Sub-Clause 53.1)	12-Feb-2004 (ENG-04-027)	
9	Date of Event Effect Ended	On going	
10	Effect of the Event	Additional cost incurred due to supply and placement of additional aggregate materials at Portal Plaza	
11	Applicable FIDIC Clause	51.1e: Variations, execution of additional work 52.1: Valuation of Variations	
12	Related Technical Specifications	Section 01600	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Crushing Plant Operation Record	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	<div>1) For South Portal Plaza, Variation Order No. xxxxxxxx was issued.</div> <div>2) Same application should be taken to North Portal Plaza.</div>	

1	Claim Code	CC39	
2	(Issue No.)	(4.15)	
3	Claim Title	Extended Working Time for the Remaining Works (OT Premium)	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 4,059,476,672  YEN: 38,203,880  Total in VND: 9,025,981,072  Total in YEN: 69,430,624 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 4 - Variation Issues not Relevant to Other Issue Category	
6	Group	G7: Others	
7	Date of Event Occurred	04-Feb-2002	
8	Date of Notice of Claim (Sub-Clause 53.1)	25-Jan-2003 (ENG-03-011)	
9	Date of Event Effect Ended	On going	
10	Effect of the Event	Additional cost incurred due to high cost of Overtime payment (accelerated progress due to increase in working time)	
11	Applicable FIDIC Clause	51.1f: Variations, change any specified sequence or timing of construction 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Local Worker's Time Sheet	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None	
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>	
20	Reason of Judgement (1) for Claim Identification	1) Simply Contractor's construction management issue.	

1	Claim Code	CC40	
2	(Issue No.)	(5.1.1)	
3	Claim Title	Provision of Additional Drilling Jumbo at Workface	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 2,062,078,247  YEN:  Total in VND: 2,062,078,247  Total in YEN: 15,862,140 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 5 -Issues Necessary for Acceleration of Project	
6	Group	G7: Others	
7	Date of Event Occurred	22-Mar-2002	
8	Date of Notice of Claim (Sub-Clause 53.1)	26-Dec-2001 (ENG-01-384)	
9	Date of Event Effect Ended	08-Oct-2003	
10	Effect of the Event	Reduced drilling time.	
11	Applicable FIDIC Clause	51.1f: Variations, Instruction to Change Timing of Construction 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Minutes of Meeting, Daily Work and Progress Report	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Additional Jumb was mobilized and contribute the work progress. 2) Quantification required.	

1	Claim Code	CC41	
2	(Issue No.)	(5.1.2)	
3	Claim Title	Long Drilling Experimentation for Increased Advance	
4	Type		
	Claimed Extra Work:	VND: YEN: 5,398,908 Total in VND: 701,858,040 Total in YEN: 5,398,908	
	Claimed EOT:		
5	Category	CATEGORY 5 -Issues Necessary for Acceleration of Project	
6	Group	G7: Others	
7	Date of Event Occurred	17-Apr-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	18-Apr-2003 (ENG-03-069)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Achieved accurate drilling and reduced repair and maintenance (prevented damage to rock tools and equipment)	
11	Applicable FIDIC Clause	51.1f: Variations, Instruction to Change Timing of Construction 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Purchase Record	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Purchase Evidence	
19	Engineer's Judgement (1) for Claim Identification	Not Acceptable	
20	Reason of Judgement (1) for Claim Identification		
	1) Contractor's construction method to recover his delay of works.		

1	Claim Code	CC42	
2	(Issue No.)	(5.1.3)	
3	Claim Title	Double Handling of Muck from Workface	
4	Type		
	Claimed Extra Work:	VND: 360,340,000 YEN: Total in VND: 360,340,000 Total in YEN: 2,771,846	
	Claimed EOT:		
5	Category	CATEGORY 5 -Issues Necessary for Acceleration of Project	
6	Group	G7: Others	
7	Date of Event Occurred	29-Mar-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	26-Dec-2001 (ENG-01-384)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Reduced mucking time by 38 mins. per round	
11	Applicable FIDIC Clause	51.1f: Variations, Instruction to Change Timing of Construction 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Not submitted.	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Not Acceptable	
20	Reason of Judgement (1) for Claim Identification		
	1) Contractor's construction method to recover his delay of works.		



1	Claim Code	CC43
2	(Issue No.)	(5.1.4)
3	Claim Title	Deployment of 2nd Advance from South End of Tunnel
4	Type	
	Claimed Extra Work:	VND: 2,585,381,176 YEN: 65,267,473 Total in VND: 11,070,152,666 Total in YEN: 85,155,021
	Claimed EOT:	
5	Category	CATEGORY 5 -Issues Necessary for Acceleration of Project
6	Group	G7: Others
7	Date of Event Occurred	01-Jul-2003
8	Date of Notice of Claim (Sub-Clause 53.1)	01-Jul-2003 (ENG-03-138)
9	Date of Event Effect Ended	30-Nov-2003
10	Effect of the Event	Achieved the tunnel breakthrough as scheduled by shortening the construction period.
11	Applicable FIDIC Clause	51.1f: Variations, Instruction to Change Timing of Construction 52.1: Valuation of Variations
12	Related Technical Specifications	Not applicable
13	Related Pay Item	Division 2A, 3, 13
14	Contemporary Record (Sub-Clause 53.2)	Subcontract Agreement, Monthly Payment Certificate for Subcontractor, Advance Per Round
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.
16	Interim Account (Sub-Clause 53.3)	Not submitted.
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation
18	Other Supportive Document	
19	Engineer's Judgement (1) for Claim Identification	Acceptable
20	Reason of Judgement (1) for Claim Identification	
		1) Sub-contract to PK1B was suggested by the Employer and the Engineer. 2) Quantification required.

1	Claim Code	CC44	
2	(Issue No.)	(5.1.5)	
3	Claim Title	Provision of Additional Equipment - 3rd Jumbo at MT Workface	
4	Type		
	Claimed Extra Work:	VND: 2,746,562,733	
		YEN: 10,361,204	
		Total in VND: 4,093,519,253	
		Total in YEN: 31,488,610	
	Claimed EOT:		
5	Category	CATEGORY 5 -Issues Necessary for Acceleration of Project	
6	Group	G7: Others	
7	Date of Event Occurred	01-Aug-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	02-Aug-2003 (ENG-03-172)	
9	Date of Event Effect Ended	30-Nov-2003	
10	Effect of the Event	Reduced unproductive time caused by repair and maintenance of Jumbo drill	
11	Applicable FIDIC Clause	51.1f: Variations, Instruction to Change Timing of Construction 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Ocean Freight Transportation Document, Monthly Report (Equipment)	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document		
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification		
	1) Additional Jumb was mobilized and contribute the work progress.		
	2) Quantification required.		

1	Claim Code	CC45	
2	(Issue No.)	(5.1.6)	
3	Claim Title	Provision of Additional Equipment - Excavators for Drainage	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 4,144,000  YEN: 19,380,600  Total in VND: 2,523,622,000  Total in YEN: 19,412,477 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 5 -Issues Necessary for Acceleration of Project	
6	Group	G7: Others	
7	Date of Event Occurred	23-Dec-2002	
8	Date of Notice of Claim (Sub-Clause 53.1)	23-Dec-2002	
9	Date of Event Effect Ended	30-Apr-2004	
10	Effect of the Event	Increased progress rate of foundation beam works and tunnel drainage works	
11	Applicable FIDIC Clause	51.1f: Variations, Instruction to Change Timing of Construction 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Ocean Freight Transportation Document, Monthly Report (Equipment)	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Additional Excavator was mobilized and contribute the work progress. 2) Quantification required.	

1	Claim Code	CC46	
2	(Issue No.)	(5.1.7)	
3	Claim Title	Rear Works Commenced before Completion of MT Excavation	
4	Type		
	Claimed Extra Work:	VND: 445,173,192	
		YEN: 886,464	
		Total in VND: 560,413,512	
		Total in YEN: 4,310,873	
	Claimed EOT:		
5	Category	CATEGORY 5 -Issues Necessary for Acceleration of Project	
6	Group	G7: Others	
7	Date of Event Occurred	31-May-2203	
8	Date of Notice of Claim (Sub-Clause 53.1)	25-Jan-2003 (ENG-03-11)	
9	Date of Event Effect Ended	30-Apr-2004	
10	Effect of the Event	Catch up with the Tunnel Drainage Works Schedule	
11	Applicable FIDIC Clause	51.1f: Variations, Instruction to Change Timing of Construction 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Daily Work Progress Report (Main Tunnel)	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document		
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>	
20	Reason of Judgement (1) for Claim Identification		
	1) Contractor's work method.		

1	Claim Code	CC47	
2	(Issue No.)	(5.1.8)	
3	Claim Title	Mobilisation of Additional Supervisory Personnel	
4	Type		
	Claimed Extra Work:	VND: 322,198,002 YEN: 12,091,489 Total in VND: 1,894,091,572 Total in YEN: 14,569,935	
	Claimed EOT:		
5	Category	CATEGORY 5 -Issues Necessary for Acceleration of Project	
6	Group	G7: Others	
7	Date of Event Occurred	17-Feb-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	17-Feb-2003 (ENG-03-025)	
9	Date of Event Effect Ended	30-Jun-2004	
10	Effect of the Event	Accelerate whole of works	
11	Applicable FIDIC Clause	51.1: Variations 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Monthly Report	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None.	
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>	
20	Reason of Judgement (1) for Claim Identification		
	1) Contractor's work method.		

1	Claim Code	CC48	
2	(Issue No.)	(5.1.9)	
3	Claim Title	Provision of Temporary Cross Passages (TCP3 & TCP4)	
4	Type	<div> <div>Claimed Extra Work:</div> <div> VND: 591,834,126  YEN: 1,744,714  Total in VND: 818,646,946  Total in YEN: 6,297,284 </div> </div> <div>Claimed EOT:</div>	
5	Category	CATEGORY 5 -Issues Necessary for Acceleration of Project	
6	Group	G7: Others	
7	Date of Event Occurred	07-Jun-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	06-Jun-2003 (ENG-03-123)	
9	Date of Event Effect Ended	13-Jun-2003	
10	Effect of the Event	Improved progress rate in Evacuation and Main Tunnel and improved air quality	
11	Applicable FIDIC Clause	51.1f: Variations, Instruction to Change Timing of Construction 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	02330, 02341, 02570, 03110, 03300, 03650	
14	Contemporary Record (Sub-Clause 53.2)	Day Diagram, Inspection Sheet	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Daily Report	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	None.	
19	Engineer's Judgement (1) for Claim Identification	Acceptable	
20	Reason of Judgement (1) for Claim Identification	1) Temporary cross passage contributed to the work progress of excavation of evacuation tunnel. 2) Quantification required.	

1	Claim Code	CC49	
2	(Issue No.)	(5.1.10)	
3	Claim Title	Provision of Additional Transformer	
4	Type		
	Claimed Extra Work:	VND: 84,340,500	
		YEN: 7,704	
		Total in VND: 85,342,020	
		Total in YEN: 656,477	
	Claimed EOT:		
5	Category	CATEGORY 5 -Issues Necessary for Acceleration of Project	
6	Group	G7: Others	
7	Date of Event Occurred	07-Jun-2003	
8	Date of Notice of Claim (Sub-Clause 53.1)	07-Jun-2003 (ENG-03-126)	
9	Date of Event Effect Ended	On going	
10	Effect of the Event	Increased Electrical Power Supply for the additional equipment	
11	Applicable FIDIC Clause	51.1f: Variations, Instruction to Change Timing of Construction 52.1: Valuation of Variations	
12	Related Technical Specifications	Not applicable	
13	Related Pay Item	Not applicable	
14	Contemporary Record (Sub-Clause 53.2)	Invoice	
15	Detailed Particular and Grounds Upon (Sub-Clause 53.3)	Not submitted.	
16	Interim Account (Sub-Clause 53.3)	Not submitted.	
17	Final Account (Sub-Clause 53.3)	12-Feb-2004 (ENG-04-027) Report: Request for Extension of Time and Additional Compensation	
18	Other Supportive Document	Photographs	
19	Engineer's Judgement (1) for Claim Identification	<b>Not Acceptable</b>	
20	Reason of Judgement (1) for Claim Identification		
	1) Contractor's work method.		