
HAI VAN PASS TUNNEL PROJECT

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

Project Office in Danang, Vietnam
Room #307, PMU85 Danang Office,
Group 35, Hoa Cuong Quarter, Hai Chau Dist.
Danang City, Vietnam
Tel.: (84)-511-644549
Fax.: (84)-511-644551

Ref. No. PMU- 030- 06

Date April 27, 2006

To:

Mr. Nguyen Ngoc Canh, Project Manager, PMU85

Copy to:

Mr. Nguyen Ngoc Tran, General Director, PMU85

038-841-253

(PK1B) Mr. Le Van Khang, Project Manager, Dong Ah - Song Da Joint Operation 04-768-3997

1) File

SUBJECT:

Evaluation of Overbreak of PK1B

Dear Mr. Canh,

Reference is made to the followings:

- 1) Your letter No. HV-003-06 dated 26 April 2006,
- 2) PK1B letter No. EN-BDH-009-06 dated 25 April 2006.
- 3) TCQM letter No.834/CGD-TD2 dated 29 March 2006,
- 4) MOT letter No. 4078/GTVT-BGTVT dated 3 December 2001

In accordance with your instruction, we have evaluated for the followings:

1) Overbreak Quantity

Length of the Type I of the rock for each tunnel was confirmed and the Overbreak volume was calculated accordingly.

Tunnel	Area (m2) by 5CM	Length (m)	Volume (m3)
MT wo Layby	1.275	1,104.83	1,408.65
MT with Layby	1.383	97.00	134.15
ET	0.817	1,542	1,259.82
EP	1.108	15.5	17.17
		Total	2,819.80

2) Shotcrete at Evacuation Tunnel

Thickness of additional Shotcrete was confirmed and multiplied by the length of the Type I of the Evaluation Tunnel:

	Thickness (m)	Length (m)	Volume (m2)
Shotcrete at ET	0.219	1,542	337.70

HAI VAN PASS TUNNEL PROJECT

3) Unit Rate of Hauling Works

In accordance with TCQM decision by the above 3), the Contractor compared the cost between 25% of the excavation cost and that based on Norm No.24/2005/QD-BXD – AB59100 and conclude that the cost by the Norm is lower and to be applied.

	USD	VND	Total (in VND)
Norm		102,211,742.34	102,211,742.34
25%	13,341.15	31,166,194.38	243,290,479.38

1USD = 15,900 VND

4) Price Escalation

No Price Escalation is considered.

Conclusion:

Summarizing all of the above, the total value of the claim can be concluded as follows:

Pay Item	Description	Unit	Unit Price		Quantity	Amount		Price Escalation
			USD	VND		USD	VND	
02330-1	Excavation - MT (Type I)	m ³		36,553.00	1,542.80	-	56,393,968.40	-
02330-14	Excavation - ET (Type I)	m ³		35,750.00	1,259.82	-	45,038,565.00	-
02330-1	Excavation - EP (Type I)	m ³		45,382.00	17.17	-	779,208.94	-
03200-1	Concrete Lining - MT	m ³	43.76	693,775.21	1,408.65	61,642.52	977,286,449.57	-
03200-3	Concrete Lining - MT Layby	m ³	68.92	974,443.54	134.15	9,245.62	130,721,600.89	-
03200-5	Concrete Lining - EP	m ³	65.44	1,042,839.87	17.17	1,123.60	17,905,560.57	-
03300-1	Shotcrete - 5cm - ET	m ²	10.73	68,348.98	337.70	3,623.52	23,081,450.55	-

Note:

Total

75,635.26

1,251,206,803.92

-

Unit rate of hauling is based on Norm No 24/2005/QD-BXD - AB.59100

1USD = 15,900 VND

Total in VND

2,453,807,437.92

Thank you very much for your kind attention.

Sincerely yours,

Ichizuru Ishimoto,
Project Manager
Encl.: None