

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



CONTRACT No. 1A/HVT/2001

TUNNEL CIVIL WORKS, NORTH TUNNEL SECTION

FOR

HAI VAN PASS TUNNEL CONSTRUCTION PROJECT

(OECF Loan Agreements No. VNIV-5, VNVI-5 and VNIX-4)

TAKING - OVER CERTIFICATE

25 January 2005

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

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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
Quang Thanh, Hoa Khanh, Lien Chieu District
Danang City, Vietnam
Tel.: (84)-511-841924, -841925
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Ref. No. PK1A-006- 05
Date January 25, 2005

To:

Mr. Masashi Kuroda, Project Manager, J/V of Hazama and Cienco 6

Copy to:

Mr. Nguyen Ngoc Tran, General Director, PMU85
Mr. Nguyen Ngoc Canh, Project Manager, PMU85
1) RT1, 2) File

038-834-705

CONTRACT PACKAGE-IA: NORTH TUNNEL SECTION

SUBJECT: Issuance of Taking-Over Certificate

Dear Sir,

We refer to Agreement of Minor Outstanding Items dated 25 January 2005, indicating that you consider the whole of the Works to have been substantially completed.

We agree the whole of the Works to be substantially complete and hereby issue our certificate of completion, stating the date of completion as being January 25, 2005 pursuant to Sub-Clause 48.1 of the General Conditions of the Contract.

Sincerely yours,

For and on behalf of
The Engineer

Ichizuru Ishimoto
Project Manager
Encl.: Taking-Over Certificate for Package-1A: Tunnel Civil Works, North Tunnel Section

TAKING - OVER CERTIFICATE

Contract No. : 1A/HVT/2000 dated August 17, 2000

Addendum No. : No Addendum issued.

Contractor : Joint Venture of Hazama Corporation and Civil Engineering
Construction Corporation No.6

Title : HAI VAN PASS TUNNEL CONSTRUCTION PROJECT

Scope of Work : TUNNEL CIVIL WORKS, NORTH TUNNEL SECTION

L/C No. and Date JPY Portion : 962-CO-093157 dated 22 November 2000
 USD Portion : 962-CO-093158 dated 22 November 2000

This Certificate is issued under Sub-Clause 48.1 of the General Conditions of the Contract.

We hereby certify that the above Works: comprising Contract No. 1A/HVT/2000 dated August 17, 2000 and 4 between Project Management Unit No. 85 (PMU85), the Employer, and Joint Venture of Hazama Corporation and Civil Engineering Construction Corporation No.6, the Contractor, have been substantially completed and have satisfied the requirements prescribed by the Contract, and the Contractor has given a written undertaking to finish with due expedition any outstanding work during the Defects Liability Period. The Defects Liability Period of 730 days shall commence on the effective day of this Certificate, January 25, 2005.

The first monies of Retention Money shall be paid to the Contractor in accordance with Item 8 of Minutes of Negotiation (Financial Issues) dated August 15, 2000.

This Certificate shall not relieve the Contractor of any of his obligations under the Contract nor shall it constitute a waiver of any of the Employer's rights under the Contract. The Contract shall not be considered as completed until Defects Liability Certificates shall have been signed by the Engineer and issued to the Contractor stating the date on which the Contractor shall have completed his obligations to execute and complete the Works and remedy defects therein to the satisfaction of the Engineer.

**THE SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT AND COMMUNICATIONS
PROJECT MANAGEMENT UNIT NO. 85 (PMU85)**

This Certificate does not relieve the Contractor of the responsibility to undertake the proper repair, replacement and completion of outstanding work to the complete satisfaction of the Engineer.

The items of work, inter alia, associated with this Taking-Over Certificate, which remain to be completed, to the approval of the Engineer, are shown in the attached "PART 3: Agreement for Minor Outstanding Items".

For and on behalf of
The Contractor

JOINT VENTURE OF HAZAMA
CORPORATION AND CIVIL
ENGINEERING CONSTRUCTION
CORPORATION NO. 6

For and on behalf of
The Employer

PROJECT MANAGEMENT UNIT NO. 85

Masashi Kuroda
Project Manager

Nguyen Ngoc Tran
General Director

For and on behalf of
The Engineer

NIPPON KOEI CO. LTD AND LOUIS
BERGER INTERNATIONAL INC, IN
ASSOCIATION WITH TRANSPORT
ENGINEERING DESIGN CORPORATION

Ichizuru Ishimoto
Project Manager

**AREEMENT FOR MINOR OUTSTANDING ISSUES
FOR
TAKING-OVER OF THE WORKS
OF
CONTRACT PACKAGE-1A:
TUNNEL CIVIL WORKS, NORTH TUNNEL SECTION
UNDER
HAI VAN PASS TUNNEL CONSTRUCTION PROJECT**

Date: January 25, 2005

Place: Employer's and Engineer's South Office,
Danang City, Vietnam

Pursuant to Sub-Clause 48.1 of the General Conditions of the Contract, the representatives of the all parties, the Employer, the Engineer and the Contractor, said Taking-Over Committee, have carried out the site inspection and the documents checking in order to confirm substantially completed status of the whole of the Works.

The joint site inspections have been carried out time to time basis when a part of the Works was completed as shown in **Attachment-2**.

The documents checking was carried out for the following documents at the conference room of the Employer's and the Engineer's South Office on 24 January 2005.

- 1) Summary of the work progress was submitted as shown in **Attachment-1**,
- 2) Record of the partial site hand-over was submitted as shown in **Attachment-2**,
- 3) List of the outstanding issues as shown in **Attachment-3**,
- 4) Preparation of the As-Built Documents was submitted as shown in **Attachment-4**,
- 5) Site organization for the remaining works as shown in **Attachment-5**, and
- 6) Status of financial progress including Variation Orders as shown in **Attachment-6**.

In conclusion of the above site inspection record and the documents checking, all parties agreed that the outstanding issues are works shown in **Attachment-3** and preparation of As-Built Documents shown in **Attachment-4**. The Contractor shall complete all of the listed items by the site organization shown in **Attachment-5** by the end of March 2005.

**THE SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT AND COMMUNICATIONS
PROJECT MANAGEMENT UNIT NO. 85 (PMU85)**

Taking-Over Committee shall carry out a site inspection to check the above items in time to time upon the official request by the Contractor and update the snag list fairly and timely. After the completion of all the times, the Engineer shall submit the completion certificate for the outstanding works subject to the Employer's consent.

Contractor's project time management was confirmed, by the Partial Hand-Over record, to satisfy substantially the milestone requirements stipulated in the Contract documents and there has been no delay of overall project schedule caused by the Contractor.

Contractor's project cost management was confirmed, by **Attachment-6**, not to exceed the original contract amount plus contingency amount.

Contractor's project quality management was confirmed, by the As-Built Documents, to satisfy the technical requirements stipulated in the Contract documents.

This agreement is made in three copies in same value and each party shall keep one.

For and on behalf of
The Contractor

For and on behalf of
The Employer

JOINT VENTURE OF HAZAMA
CORPORATION AND CIVIL
ENGINEERING CONSTRUCTION
CORPORATION NO. 6

PROJECT MANAGEMENT UNIT NO. 85

Masashi Kuroda
Project Manager

Nguyen Ngoc Canh
Deputy General Director

For and on behalf of
The Engineer

NIPPON KOEI CO. LTD AND LOUIS
BERGER INTERNATIONAL INC, IN
ASSOCIATION WITH TRANSPORT
ENGINEERING DESIGN CORPORATION

Ichizuru Ishimoto
Project Manager

Summary of Work Progress

As of 25 Jan 2005

No	Area	Item	Shop Drawing Status	Site Works Progress (%)	Inspection Date	Completion Scheduled
I	MAIN TUNNEL	1 Excavation and Support Works	Completed	100%	15-Nov-03	
		2 Concrete Lining and associated Works	Completed	100%	21-Mar-04	
		3 Road Works	Completed	100%	10-Aug-04	
		4 Finishing Works	Completed	100%	22-Nov-04	
		5 General Civil Works	Not Applicable	-	10-Dec-04	
II	EVACUATION TUNNEL AND CROSS PASSAGE	1 Excavation and Support Works	Completed	100%	19-Nov-03	
		2 Road Works	Completed	100%	25-Dec-04	
		3 Finishing Works	Completed	100%	28-Dec-04	
		4 General Civil Works	Not Applicable	-	28-Dec-04	
III	ELECTROSTATIC PRECIPITATOR NO.1	1 Excavation and Support Works	Completed	100%	22-Nov-03	
		2 Concrete Lining Works	Completed	100%	02-Sep-03	
		3 Road Works	Completed	100%	27-Oct-03	
		4 Finishing Works	Completed	100%	27-Oct-03	
		5 General Civil Works	Not Applicable	-	27-Oct-03	
IV	ELECTROSTATIC PRECIPITATOR NO.2	1 Excavation and Support Works	Completed	100%	22-Nov-03	
		2 Concrete Lining Works	Completed	100%	02-Sep-03	
		3 Road Works	Completed	100%	28-Oct-03	
		4 Finishing Works	Completed	100%	28-Oct-03	
		5 General Civil Works	Not Applicable	-	28-Oct-03	
V	NORTH PORTAL PLAZA	1 Original Scope of Works	Ongoing	99.9%	Not Yet	28-Feb-05
		2 Landscape (Additional)	Ongoing	1%	Not Yet	31-Mar-05
VI	VENTILATION PORTAL PLAZA	1 Civil and Building Works	Completed	100%	07-Dec-04	
VII	Substation No.5	1 Road Works	Completed	100%	03-Aug-04	
VIII	TEMPORARY ACCESS ROAD	1 Road Works	Completed	100%	31-Jan-05	
IX	HAULIGG ROAD	1 Road Works	Completed	100%	24-Jan-05	

Record of Partial Hand-Over (1/4)

As of 25 Jan 2005

Pay Item	Item	Inspection Date	Completion Scheduled	Remarks
MAIN TUNNEL				
02330 - 02343	Excavation and Support Works	15-Nov-03		
02344	Tunnel Drainage System	22-Nov-04		
02370	Tunnel Grounding	22-Jan-04		
02380	Tunnel Waterproofing	15-Nov-03		
02580	Aggregate Sub-base & Base of Road	15-Nov-03		
02930	Pavement Marking	22-Nov-04		
03110	Concrete & Concrete Structures	22-Nov-04		
03200	Tunnel Concrete Lining	21-Mar-04		
03300	Shotcrete	15-Nov-03		
03500	Portland Cement Concrete Pavement	10-Aug-04		
03600	Reinforcing Steel	15-Nov-03		
03650	Wire Mesh	15-Nov-03		
05100	Tunnel Steel Ribs	15-Nov-03		
05500	Miscellaneous Metal (Steel Covers for Walkway)	22-Nov-04		
05600	Stainless Steel Accessories (Handrail & Revision Shaft Cover)	22-Nov-04		
09900	Tunnel Concrete Lining Coating	22-Nov-04		
13500	NATM Instrumentation	15-Nov-03		
EVACUATION TUNNEL				
02330 - 02343	Excavation and Support Works	09-Nov-03		
02580	Aggregate Sub-base & Base	30-Nov-03		
03110	Concrete & Concrete Structures (Side Ditch & Cover)	28-Dec-04		
03300	Shotcrete	19-Nov-03		
03600	Reinforcing Steel	19-Nov-03		
03650	Wire Mesh	19-Nov-03		
05100	Tunnel Steel Ribs	19-Nov-03		
13500	NATM Instrumentation	08-Jan-04		
V/O 21	Asphalt Emulsion Penetration	27-Dec-04		
V/O 22	Cut & Cover Design Change	30-Dec-04		
VENTILATION ADIT				
02330 - 02343	Excavation and Support Works	01-Jun-03		
02344	Tunnel Drainage System	29-Nov-04		
02380	Aggregate Sub-base & Base	15-Sep-04		
03110	Concrete & Concrete Structures	29-Nov-04		
03200	Tunnel Concrete Lining	21-Apr-04		
03300	Shotcrete	01-Jun-03		
03500	Portland Cement Concrete Pavement	29-Sep-04		
03600	Reinforcing Steel	01-Jun-03		
03650	Wire Mesh	01-Jun-03		
5100	Tunnel Steel Ribs	30-Jun-03		
8100	Special Doors	29-Nov-04		
13500	NATM Instrumentation	01-Jun-03		

Record of Partial Hand-Over (2/4)

As of 25 Jan 2005

Pay Item	Item	Inspection Date	Completion Scheduled	Remarks
ELECTROSTATIC PRECIPITATOR No.1				
02330 - 02343	Excavation and Support Works	22-Nov-03		
02344	Tunnel Drainage System	28-Sep-03		
02370	Tunnel Grounding	08-Oct-03		
02380	Tunnel Waterproofing	17-Jul-03		
02580	Aggregate Sub-base & Base	06-Oct-03		
03110	Concrete & Concrete Structures	08-Oct-03		
03200	Tunnel Concrete Lining	02-Sep-03		
03300	Shotcrete	22-Nov-03		
03500	Portland Cement Concrete Pavement	27-Oct-03		
03600	Reinforcing Steel	22-Nov-03		
03650	Wire Mesh	22-Nov-03		
ELECTROSTATIC PRECIPITATOR No.2				
02330 - 02343	Excavation and Support Works	22-Nov-03		
02344	Tunnel Drainage System	28-Sep-03		
02370	Tunnel Grounding	08-Oct-03		
02380	Tunnel Waterproofing	19-Jul-03		
02580	Aggregate Sub-base & Base	06-Oct-03		
03110	Concrete & Concrete Structures	2004/30/30		
03200	Tunnel Concrete Lining	02-Sep-03		
03300	Shotcrete	22-Nov-03		
03500	Portland Cement Concrete Pavement	28-Oct-03		
03600	Reinforcing Steel	22-Nov-03		
03650	Wire Mesh	22-Nov-03		
CROSS PASSAGE (Vehicular and Pedestrian)				
02330 - 02343	Excavation and Support Works	09-Sep-03		
02344	Tunnel Drainage System	03-Mar-04		
02380	Tunnel Waterproofing	09-Mar-04		
02580	Aggregate Sub-base & Base	21-Dec-04		
03110	Concrete & Concrete Structures	26-Feb-04		
03200	Tunnel Concrete Lining	27-Mar-04		
03300	Shotcrete	09-Sep-03		
09900	Tunnel Concrete Lining Coating	25-Sep-04		
03500	Portland Cement Concrete Pavement	21-Dec-04		
V/O 21	Asphalt Emulsion Penetration	27-Dec-04		
08100	Special Doors	24-Dec-04		

Record of Partial Hand-Over (3/4)

As of 25 Jan 2005

Pay Item	Item	Inspection Date	Completion Scheduled	Remarks
NORTH PORTAL PLAZA				
02420	Removal of Masonry & Concrete Structure	19-Oct-00		
02430	Site Clearing & Grubbing	15-Nov-00		
02510	Slope, Portal Excavation and Waste Disposal	26-May-01		
02520	Structural Excavation & Backfill	03-Aug-04		
02580	Aggregate Sub-base & Base	16-Oct-04		
02760	Concrete & Granite Curbs	29-Nov-04		
02800	Square Grid Slope Protection	12-Sep-01		
02820	Mortared Riprap	25-Jul-01		
02830	Exterior Drainage & Utility(Cable Duct & Manhole etc.)	01-Aug-04		
02860	Topsoiling	24-Jan-05		
02880	Sodding		31-Mar-05	due to V/O (additional works)
02920	Road Signs	15-Jan-05		
02930	Pavement Marking		29-Jan-05	Including additional
02940	Reflectors (Stud)		29-Jan-05	Including additional
02950	Guard Rail	20-Jan-05		Including additional
02960	Chain Link Fencing		28-Feb-05	
02970	Leach field	10-Jan-05		
03110	Concrete & Concrete Structures	01-Aug-04		
03300	Shotcrete	12-Sep-01		
03600	Reinforcing Steel	01-Aug-04		
03650	Wire Mesh	12-Sep-01		
02730	Asphalt concrete binder and Surface courses	26-Dec-04		
15600	Miscellaneous (Oil-Water Separator)	08-Oct-04		
VENTILATION ADIT PLAZA				
02430	Site Clearing & Grubbing	20-Dec-00		
02510	Slope, Portal Excavation and Waste Disposal	30-Jan-01		
02800	Square Grid Slope Protection	28-Jun-01		
02820	Mortared Riprap	28-Jun-01		
03110	Concrete & Concrete Structures	07-Dec-04		
03300	Shotcrete	28-Jun-01		
03600	Reinforcing Steel	07-Dec-04		
03650	Wire Mesh	28-Jun-01		

Record of Partial Hand-Over (4/4)

As of 25 Jan 2005

Pay Item	Item	Inspection Date	Completion Scheduled	Remarks
SUBSTATION NO.5				
17000	Civil and Building Works	03-Aug-04		
TEMPORARY ACCESS ROAD				
02430	Site Clearing & Grubbing	20-Apr-04		
02510	Slope, Portal Excavation and Waste Disposal	20-Apr-04		
02580	Aggregate Sub-base & Base	20-Apr-04		
03500	Portland Cement Concrete Pavement	20-Apr-04		
02730	Asphalt Concrete Binder & Surface Course	20-Apr-04		
GENERAL REQUIREMENT & TEMPORARY				
01200-1	Mobilization	N/A		
01250-1	Construction of employer / Engineer Office; Equipment and Furnishing	06-Apr-01		
01250-2	Construction of employer / Engineer Office; Operation	every month		
01250-3	Construction of employer / Engineer Site Vehicles; Supply and Delivery	06-Apr-01		
01250-4	Construction of employer / Engineer Site Vehicles; Operation and Maintenance	every month		
01250-5	Engineer's Living Accommodations	06-Apr-01		
01250-6	Engineer's Duty Trip Expenses	every month		
01250-7	Engineer's Supplementary Staff	every month		
01250-8	Engineer's Geologist	every month		
01250-9	Survey and Geotechnical Investigation for the Engineer	26-Mar-02		
01250-10	Railway Crossing Traffic Control	N/A		
01300-1	Quality Control (Laboratory operation & Testing)	N/A		
01600-1	Maintenance and Protection Traffic	N/A		
01650-1	Environmental Control and Protection (Water Monitoring & Treatment)	25-Jan-05		
01800-1	Daywork	N/A		
01900-1	Temporary Hauling Road (Construction, demolition and Rehabilitation)	24-Jan-05		
02410-1	Temporary Access Road (Construction, maintenance and repair)	31-Jan-05		

List of Outstanding Issues

As of 25 Jan 2005

Pay Item	Item	Inspection Date	Completion Scheduled	Remarks
NORTH PORTAL PLAZA				
VO	Landscaping		31-Mar-05	V/O(additional scope)
02880	Sodding		31-Mar-05	due to V/O above(additional works)
02960	Chain Link Fencing		28-Feb-05	Final design change
GENERAL REQUIREMENT & TEMPORARY WORKS				
01200-1	Mobilization/Demobilization	N/A	28-Feb-05	Incl. Maintenance Manual
DECISION No. 18/2003/QD-BXD DATED 27 JUNE 2003				
	As-Built Documents	N/A	See Attachment-4	

Preparation of As-Built Documents (1/5)

As of 25 January 2005

Documents				Status				Completion Schedule	
File Group No.	Section	Description	Preparation	Prepare	Sub- mission	Check	Approval		
VOLUME1 : LEGAL DOCUMENT									
HVT-1A-ASD-01		1	Agreement between Vietnam government and government or organization assist financial, material, technical affair for project		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		2	Decision for approving investment project, each partial project or small project of authorized agency		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		3	Certificate of using land issued by authorized State agency		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		4	Approved letters from authorized agency		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			- Technical design, estimation cost		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			- Design and equipment preventing and fighting against fire and explosion		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			- Environment protection		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		5	- Report on search for mines (if any)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			Accepted letter of specialty management agencies who have authority to allow using technical construction outside of barrier		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			- Electrical Supply		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		- Railway crossing		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		6	Approved letter for bidding result of authorized agency		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		7	Contract between Employer and consultant executing research, design, supervision, quality modification		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		8	Capacity condition of consultant organizations		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		9	Construction bidding license in Vietnam of foreign Contractors(construction design consultant, supervision consultant, quality register)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	Taking-over minutes for result report of construction survey		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
11	Taking-over minutes for design steps		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
12	Technical design verifying result inspected by consultant organizations which not directly designed to constructions		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
13	Engineering geological investigation report, hydro geology, hydrology, water source (detail organization in charge and executing time)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
14	List of Contractors		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
15	Minutes of State management agency on construction quality		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
VOLUME2 : QUALITY MANAGEMENT DOCUMENT									
HVT-1A-ASD-02		1	Description of technical design of overall construction, construction quantity	- Technical description quantity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		2		- Quantity Sheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		3		- Variation Order	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		4		- Taking-over Minutes for Construction phase	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		5		- Employer's report on construction process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		6		- Consultant's report on construction quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HVT-1A-ASD-03		1	Manufacture Certificate for used material in Project	-Factory Test Report	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2	Inspection sheets for material quality used in construction which was confirmed by Consultant	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
HVT-1A-ASD-04	EXCAVATION AND SUPPORT OF MAIN TUNNEL	1	Geological Face Observation	-Inspection Sheet (1/4)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
				-Inspection Sheet (2/4)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
				-Inspection Sheet (3/4)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
				-Inspection Sheet (4/4)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2	Daily Work Diagram	-Inspection Sheet(1/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
				-Inspection Sheet(2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3	Drilling for grouting, Drilling for injection Umbrella	Not Applicable					
		4	Advance per round form	-Inspection Sheet (1/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
				-Inspection Sheet (2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		5	NATM Measurement	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
6	Overbreak and Cave-in	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
7	Test Result (Shotcrete testing)	-Inspection Sheet (1/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
		-Inspection Sheet (2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

Preparation of As-Built Documents (2/5)

As of 25 January 2005

File Group No.	Section	Documents		Status				Completion Schedule
		Description	Preparation	Prepare	Sub-mission	Check	Approval	
HVT-1A-ASD-05	CONCRETE LINING OF MAIN TUNNEL	1 Invert Concrete	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Aggregate base & Lay by corner	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Foundation Beam leveling concrete	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Foundation Beam concrete control	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Mole Drain Pipe D200 and Revision Shaft	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4 Firefighting Nich and Emergency call and Firefighting Niche	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Conduit Beam	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		5 Center Drainage D400	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Leveling concrete under Center drainage	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Cross Drain D200	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Pre-cast Mainhole and concrete	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		6 Rock Bolt cutting and Cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		7 Surface Shotcrete	Not Applicable					
		8 Geotextile	including in item 9 below					
		9 Water Proofing Membrane (including Geotxtile and Testing)	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		10 Testing for water proofing memberane	-Inspection Sheet					
		11 Concrete Lining	-Inspection Sheet (1/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			-Inspection Sheet (2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-06	FINISHING OF MAIN TUNNEL	1 Side Drainage and Catch Basin	Inspection Sheet (1/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Leveling concrete under Center drainage	Inspection Sheet (2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Pre-cast Catch basin(Left) setting/Instillation	Inspection Sheet (2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Pre-cast Catch basin(Right) setting/Instillation	Inspection Sheet (2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Leveling concrete under Catch basin	Inspection Sheet (2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Catch Basin Cover (Cast Iron grating cover)	Inspection Sheet (2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Electrical Cable Duct (East)	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Eastern Manhle	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Electrical Cable Duct (West)	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4 Walkway	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Pre-cast Cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Hydrant pipe saddle	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		5 Tunnel coating thickness	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Tunnel coating Material consumption	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		6 Aggregate Base Course and Concrete Pavement	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Concrete pavement sub-grade	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Concrete Pavement construction Joint	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		7 Handrail for Walkway	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Concrete Cover (walkway)	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Steel Cover(walkway)	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		8 Road Marking	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		9 Stud, Corn, Delinator	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		10 Revision Shaft cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Main tunnel cut & cover (1643-1653 in lining concrete)	-Inspection Sheet					
HVT-1A-ASD-07	EXCAVATION AND SUPPORT OF EVACUATION TUNNEL	1 Geological Face Observation	-Inspection Sheet(1/4)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			-Inspection Sheet(2/4)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			-Inspection Sheet(3/4)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			-Inspection Sheet(4/4)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Daily Work Diagram	-Inspection Sheet(1/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			-Inspection Sheet(2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Advance per round form	-Inspection Sheet(1/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			-Inspection Sheet(2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4 NATM Measurement	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		5 Overbreak and Cave-in	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		6 Test Result	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Preparation of As-Built Documents (3/5)

As of 25 January 2005

File Group No.	Section	Documents		Status				Completion Schedule
		Description	Preparation	Prepare	Sub-mission	Check	Approval	
HVT-1A-ASD-08	FINISHING OF EVACUATION TUNNEL	1 Side Ditch Structure(Base and Wall)	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Leveling Concrete under Side Ditch	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Side Ditch pre-cast Cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Cut and Cover concrete Ditch	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Water Treatment (Tin Plate etc.)	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Ground Water treatment and PVC pipe	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Aggregate Base Course, Emulsion Penetration	-Inspection Sheet					
		Surface irregularity Aggregate Base	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Sub Grade	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Emulsion Penetration	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Base Course	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Surface smoothness Emulsion penetration	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Evacuation Tunnel Cut & Cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Test result	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-09	EXCAVATION AND SUPPORT OF VENTILATION ADIT	1 Geological Face Observation	-Inspection Sheet(1/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			-Inspection Sheet(2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Daily Work Diagram	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Drilling for grouting, Drilling for injection Umbrella	Not Applicable					
		4 Advance per round form	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		5 Chemical Water Stop Injection	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		6 NATM Measurement	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		7 Overbreak and Cave-in	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-10	CONCRETE LINING OF VENTILATION ADIT	1 Invert Concrete	Not Applicable					
		2 Foundation Beam leveling concrete	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Foundation Beam control sheet	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Mole Drain Pipe D=200 and Revision Shaft	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4 Center Drainage and Cross Drainage	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Leveling concrete under center Drainage	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		5 Rock Bolt Head Cutting and Cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		6 Surface Shotcrete	Not Applicable					
		7 Geotextile	Including in item 9 below					
		8 Water Proofing Membrane(including Geotextile) and Testing	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Moyal Drain Mat	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		9 Testing for water proofing memberane	Including in item 9 below					
		10 Concrete Center Wall-Base and Wall- Wall	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		11 Concrete Lining	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		12 Testing for Concrete	-Inspection Sheet (1/3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-11	FINISHING OF VENTILATION ADIT		-Inspection Sheet (2/3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			-Inspection Sheet (3/3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Ventilation Adit cut & Cover	inspection sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		1 Earthing in stallation	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Rebar	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Door	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Electrical Cable Duct, Hand Hole	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Handhole Cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Concrete Pavement	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Concrete pavement joint	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Sub Base preparation	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-12	EXCAVATION OF CROSS PASSAGE	Base Course	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4 Revision Shaft Cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		VA Portal Plaza	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		1 Geological Face Observation	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		2 Daily Work Diagram	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Advance per round form	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4 Test Result	-Inspection Sheet					

Preparation of As-Built Documents (4/5)

As of 25 January 2005

File Group No.	Section	Documents		Status				Completion Schedule
		Description	Preparation	Prepare	Sub-mission	Check	Approval	
HVT-1A-ASD-13	CONCRETE LINING OF CROSS PASSAGE	1 Foundation Beam	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Leveling concrete under foundation beam	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Mole Drain Pipe D=200	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Rock Bolt Head Cutting and Cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Geotextile	including in item 4 below					
		4 Water Proofing Membrane including Test	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		5 Concrete Lining	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-14	FINISHING OF CROSS PASSAGE	1 Emulsion Penetration Pavement and Concrete Pavement	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Sub Grade	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Base Course	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Concrete Wall for Pedestrian Passage Door	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Temporary Cross Passage	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Door (Pedestrian and Vehicular Passage)	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Tunnel Coating	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4 Test Result	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-15	EXCAVATION OF EP. No.1	1 Geological Face Observation	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Daily Work Diagram	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Advance per round form	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4 Overbreak and Cave-in	-Inspection Sheet					
		5 Test Result	-Inspection Sheet					
HVT-1A-ASD-16	CONCRETE LINING OF EP. No.1	1 Foundation Beam	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Leveling concrete under foundation beam	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Steel bar	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Rock Bolt Head Cutting and Cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Center drainage D=200	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Leveling concrete under center drainage	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Cross drainage D=200	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Mole Drain Pipe D=200 and Revision Shaft	-Inspection Sheet					
		3 Geotextile	including in item 4 below					
		4 Water Proofing Membrane including Test	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		5 Concrete Lining	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		6 Testing for Concrete	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-17	FINISHING OF EP. No.1	1 Drainage System	-Inspection Sheet					
		2 Concrete Pavement	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Concrete finish Ditch and Iron Band (Earthing)	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4 Pits and Manhole	-Inspection Sheet					
		Sewage pit structure	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Drainage pit	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Cable pit structure	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Air intake pit	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Aggregate base check form	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Sub base preparation	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Pre-cast catch basin	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Conduit pipe D=100	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		5 Test Result	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-18	EXCAVATION OF EP. No.2	1 Geological Face Observation	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2 Daily Work Diagram	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3 Advance per round form	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4 Overbreak and Cave-in	-Inspection Sheet					

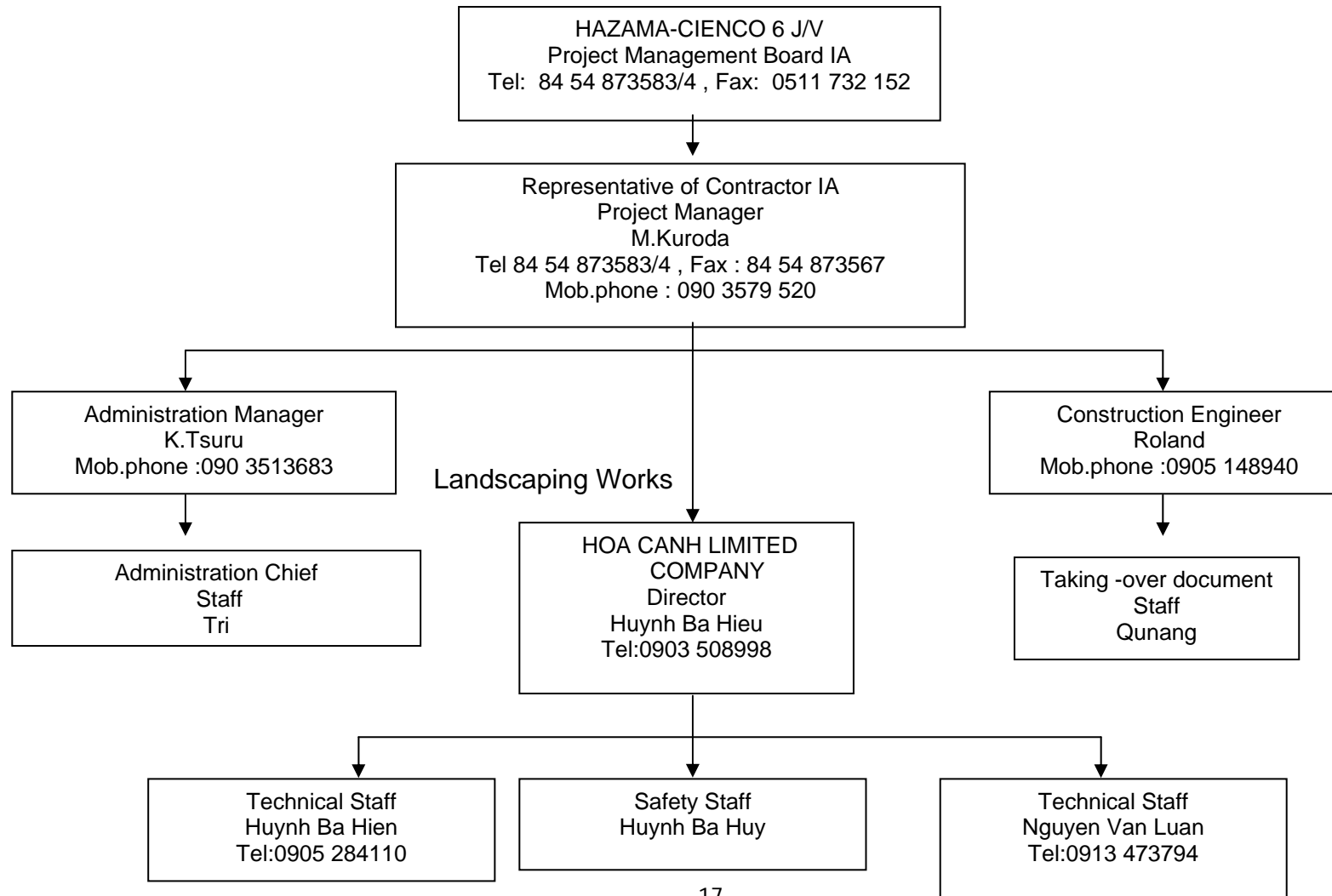
Preparation of As-Built Documents (5/5)

As of 25 January 2005

HVT-1A-ASD-19	CONCRETE LINING OF EP. No.2	1	Foundation Beam	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Leveling concrete under foundation beam	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Steel bar	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Rock Bolt Cover	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Center drainage D=200	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Leveling concrete under center drainage	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Cross drainage D=200	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		2	Mole Drain Pipe D=200 and Revision Shaft	-Inspection Sheet					
		3	Geotextile	including in item 4 below					
		4	Water Proofing Membrane including Test	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-20	FINISHING OF EP. No.2								
		1	Drainage System	-Inspection Sheet					
		2	Concrete Pavement	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		3	Concrete finish Ditch and Iron Band (Earthing)	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		4	Pits and Manhole	-Inspection Sheet					
			Sewage pit structure	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Drainage pit	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Cable pit structure	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Air intake pit	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Aggregate base check form	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Sub base preparation	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Pre-cast catch basin	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			Conduit pipe D=100	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		5	Test Result	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HVT-1A-ASD-21	NORTH TUNNEL PORTAL	1	Daily Construction, Inspection and related Document	-Daily Report, Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		2	Test Result	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
HVT-1A-ASD-22	TEMPORARY ACCESS ROAD	1	Daily Construction, Inspection and related Document	-Daily Report, Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		2	Test Result	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	VA ACCESS ROAD	1	Daily Construction, Inspection and related Document	-Daily Report, Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		2	Test Result	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	HAULING ROAD	1	Daily Construction, Inspection and related Document	-Daily Report, Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		2	Test Result	-Inspection Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HVT-1A-ASD-23	AS-BUILT DRAWING	1	Technical Design Drawing	-Contract Drawing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		2	Shop/Working/Contract Drawing	-Final Approved Drawing (1/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
				-Final Approved Drawing (2/2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
HVT-1A-ASD-24	VO				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Site Organization chart of PKIA
after signing Taking -over Certificate (TOC)**

(The chart will be change in accordance with the completion of remaining work and informed to the Engineer in advance)
The contractor IA's office is intended to locate at Site until end of February 2005 so as to hand-over the existing office to the PMU85 in the beginning of March 2005.



Status of Financial Progress

As of 25 Jan 2005

1USD=108YEN

1USD=14040VND

Division No.		Description		Foreign Currency US\$	Foreign Currency YEN	Local Currency VND	Total Equivalent (in YEN)	Total Equivalent (in VND)	Remark	
TOTAL AMOUNT OF CONTRACT				623,700.00	3,418,053.012	157,346,420,022	4,695,769,689	610,450,059,582		
PAYMENT	1	ORIGINAL CONTRACT		450,715.00	2,354,927,902	113,143,545,346	3,273,940,086	425,612,211,206	To MS 30	
	2			74,285.00	19,512,696	4,194,365,147	59,799,823	7,773,977,027	Estimate(MS31)	
	3	VARIATION ORDER		98,692.70	437,765,363	3,870,855,356	478,199,985	62,165,998,054	Estimate	
	4	OTHER BUSINESS	Price Escalation				17,511,290,504	134,702,235	17,511,290,504	Estimate
			Additional allowance				16,888,584,939	129,912,192	16,888,584,939	Estimate
			Value Engineering			46,126,754		46,126,754	5,996,478,020	
			Subsequent Legislation GCC.70.8			45,034,000		45,034,000	5,854,420,000	Estimate
	TOTAL				623,692.70	2,903,366,715	155,608,641,292	4,167,715,075	541,802,959,750	
Total Construction Cost Percentage (%)							88.75%	88.75%		