

4B. SUMMARY OF COSTS

Currencies JPY: Japanese Yen, USD: US Dollar

Costs	Currencies	Amounts	
		JPY	USD
Remuneration	JPY/USD	393,450,000	696,000
Reimbursable	JPY/USD	6,706,000	1,098,520
Miscellaneous Expenses	JPY/USD	0	3,537,657
Subtotal (A)	JPY/USD	400,156,000	5,332,177
Corporate Income Tax (B)	JPY/USD	21,060,842	280,641
VAT (10% of the sum of A and B) (C)	JPY/USD	42,121,685	561,282
Contact Price (A+B+C)	JPY/USD	463,338,527	6,174,100
Contingency (10% of the sum of A) (D)	JPY/USD	40,015,600	533,218
Total (A+B+C+D)	JPY/USD	503,354,127	6,707,318

4D. BREAKDOWN OF REMUNERATION PER ACTIVITY

No.	Name	Position	Firm	Input (months)	Remuneration Currencies Rate		Amount	
					JPY	USD	JPY	USD
International Consultant								
I1	Ichizuru Ishimoto	Project Manager/Team Leader	NK	14.0	2,250,000		31,500,000	
I2	Akira Magario	Senior Highway Engineer	NK	13.0	1,900,000		24,700,000	
I3	Takehiko Tsuji	Road Safety Audit Specialist	NK	3.0	1,750,000		5,250,000	
I4	Yoshinori Abe	Senior Bridge Engineer	CD	13.0	1,900,000		24,700,000	
I5	Koji Nakai	Highway Engineer 1	NK	12.0	1,800,000		21,600,000	
I6	Tetsuya Maeda	Bridge/Structural Engineer 1	NK	12.0	1,800,000		21,600,000	
I7	Yoshiaki Nakakubo	Bridge/Structural Engineer 2	CD	4.0	1,700,000		6,800,000	
I8	Decha Sa-ngaunprasith	Highway Engineer 2	TEC	12.0	1,200,000		14,400,000	
I9	Hiroo Jin	Bridge/Structural Engineer 3	NE	12.0	1,750,000		21,000,000	
I10	Yuichi Sano	Bridge/Structural Engineer 4	NK	4.0	1,700,000		6,800,000	
I11	Chanchai Techashongs	Senior Interchange Specialist	TEC	7.0	1,300,000		9,100,000	
I12	Hiroyuki Yokoyama	Bridge/Structural Engineer 5	CD	11.0	1,700,000		18,700,000	
I13	Wako Noto	Tunnel Engineer	NK	4.0	1,750,000		7,000,000	
I14	Manoon Arayasiri	Soil/Geotechnical Engineer 1 (Slope)	TEC	2.0	1,300,000		2,600,000	
I15	Suvichai_Methpreechak	Soft Ground Treatment Specialist	TEC	3.0	1,300,000		3,900,000	
I16	Suntichai Horpaopan	Drainage Engineer	TEC	7.0	1,200,000		8,400,000	
I17	Arristeo B. RABAJANTE	River Engineer	NK	2.0	1,200,000		2,400,000	
I18	Akira Yanagisawa	Bridge/Structural Engineer 6	CD	7.0	1,700,000		11,900,000	
I19	Bundit Kitsuwannarut	Pavement/Material Engineer	TEC	4.0	1,200,000		4,800,000	
I20	Kazuhiro Ishizuka	Survey Engineer	NK	6.0	1,700,000		10,200,000	
I21	Jirarote Piyapornpong	Soil/Geotechnical Engineer 2	TEC	5.0	1,200,000		6,000,000	
I22	Seichiro Kanai	Geological Engineer (Tunnel)	NK	2.0	1,750,000		3,500,000	
I23	Khadananda Lamsal	Senior Hydrologist	NK	3.0	1,800,000		5,400,000	
I24	Silver Yance	Inundation Analyst	NK	3.0	1,750,000		5,250,000	
I25	Shigeki Takahashi	Operating & Maintenance Specialist	NK	4.0	1,750,000		7,000,000	
I26	Yuichi Tsujimoto	Expressway Management Unit Specialist	NK	2.0	1,700,000		3,400,000	
I27	Hisanori Tomitaka	Traffic Management Specialist	NK	2.0	1,800,000		3,600,000	
I28	Kyoichi Takeuchi	Asset Management Specialist	NK	2.0	1,700,000		3,400,000	
I29	Yoshinori Yamazaki	Architect	NK	3.0	1,750,000		5,250,000	
I30	Koichi Nishimura	ITS Specialist	NK	5.0	1,700,000		8,500,000	
I31	Masahiro Sakagami	Communication System Engineer	NK	3.0	1,700,000		5,100,000	
I32	Eiji Matsuda	Senior Electrical Engineer	NK	7.0	1,700,000		11,900,000	
I33	Masashi Iwamoto	Toll Collection System Specialist	NK	4.0	1,700,000		6,800,000	
I34	Masayuki Iwashita	Construction Planner/Cost Estimator	NK	11.0	1,700,000		18,700,000	
I35	Anothai Boonthikul	Senior Procurement/Contract Specialist	TEC	12.0	1,300,000		15,600,000	
I36	Yasuhira Minami	Social and Environmental Specialist	NK	5.0	1,700,000		8,500,000	
I37	Vu Ngoc Long	Resettlement Specialist	NK	10.0	1,300,000		13,000,000	
I38	Noppong Unhabhokha	Training Specialist	TEC	4.0	1,300,000		5,200,000	
Sub-total (A)				239.0			393,450,000	0

No.	Name	Position	Firm	Input (months)	Remuneration Currencies Rate		Amount	
					JPY	USD	JPY	USD
National Consultant								
L1	Le Kim An	Co-Project Manager	NK	14.0		2,000		28,000
L2	Tran Dinh Van	Highway Engineer 1 (Geometric)	NK	13.0		1,800		23,400
L3	Phan Dang Viet Anh	Highway Engineer 2 (Road Structure)	NK	13.0		1,300		16,900
L4	Trần Quang Huy	Road Safety Audit Specialist	NK	3.0		1,600		4,800
L5	Le Toan Thang	Bridge/Structural Engineer 1 (Superstructure)	NK	13.0		1,600		20,800
L6	Dao Ngoc Vinh	Bridge/Structural Engineer 2 (Substructure/Foundation)	NK	13.0		1,300		16,900
L7	Le Thi Thanh Thuy	Highway Engineer 3 (Geometric)	NK	12.0		1,600		19,200
L8	Vu Gia Hung	Highway Engineer 4 (Road Structure)	NK	12.0		1,500		18,000
L9	Do Hong Phuc	Bridge/Structural Engineer 3	NK	4.0		1,300		5,200
L10	Pham Anh Kiet	Bridge/Structural Engineer 4	NK	4.0		1,300		5,200
L11	Nguyen Dinh Trung	Highway Engineer 5 (Geometric)	NK	12.0		1,300		15,600
L12	Dao Manh Son	Highway Engineer 6 (Road Structure)	NK	12.0		1,300		15,600
L13	Le Kien Cuong	Bridge/Structural Engineer 5	NK	4.0		1,300		5,200
L14	Tran Anh Tuan	Bridge/Structural Engineer 6	NK	4.0		1,300		5,200
L15	Le Thanh Hung	Interchange Specialist	NK	2.0		1,600		3,200
L16	Phạm Ngọc Tuấn	Bridge/Structural Engineer 7	NK	3.0		1,600		4,800
L17	Tran Phong Nha	Tunnel Engineer	NK	4.0		1,600		6,400
L18	Quach Thi Thu	Soil/Geotechnical Engineer 1 (Slope)	NK	2.0		1,600		3,200
L19	Trinh Viet Linh	Soft Ground Treatment Specialist	NK	3.0		1,600		4,800
L20	Nguyen Minh Ngoc	Drainage Engineer 1	NK	7.0		1,600		11,200
L21	Nguyễn Phúc Hòa	Drainage Engineer 2	NK	6.0		1,300		7,800
L22	Nguyen Son	River Engineer	NK	2.0		1,600		3,200
L23	Tran Trong Nghia	Pavement/Material Engineer 1	NK	4.0		1,600		6,400
L24	Nguyễn Viết Hải	Pavement/Material Engineer 2	NK	4.0		1,600		6,400
L25	Vo Thanh Binh	Senior Surveyor 1	NK	6.0		1,700		10,200
L26	Le Van Thu	Senior Surveyor 2	NK	5.0		1,300		6,500
L27	Nguyễn Anh Tuấn	Senior Surveyor 3	NK	5.0		1,600		8,000
L28	Nguyễn Doãn Tĩnh	Soil/Geotechnical Engineer 2	NK	5.0		1,600		8,000
L29	Nguyễn Mạnh Tuấn	Soil/Geotechnical Engineer 3	NK	4.0		1,600		6,400
L30	Trịnh Minh Khiêm	Soil/Geotechnical Engineer 4	NK	4.0		1,300		5,200
L31	Tran Ngoc Nhan	Geological Engineer (Tunnel)	NK	2.0		1,600		3,200
L32	Ngo The Hung	Hydraulic Engineer 1	NK	3.0		1,600		4,800
L33	Pham Huu Nhu	Hydraulic Engineer 2	NK	3.0		1,300		3,900

No.	Name	Position	Firm	Input (months)	Remuneration Currencies Rate		Amount	
					JPY	USD	JPY	USD
L34	Nguyen Huy Phuong	Inundation Analyst	NK	3.0		1,600		4,800
L35	Vo Hoang Anh	Transport Economist	NK	3.0		1,600		4,800
L36	Ha Quoc Hieu	Operating & Maintenance Specialist	NK	4.0		1,600		6,400
L37	Le Tung Lam	Expressway Management Unit Specialist	NK	2.0		1,600		3,200
L38	Phan Minh Tuan	Traffic Management Specialist	NK	3.0		1,300		3,900
L39	Trinh Ngoc Hai Thang	Asset Management Specialist	NK	2.0		1,600		3,200
L40	Pham Quang Minh	Architect 1	NK	3.0		1,600		4,800
L41	Ngô Vũ Quang Khoa	Architect 2	NK	3.0		1,300		3,900
L42	Nguyen Huu Tinh	ITS Specialist	NK	5.0		1,300		6,500
L43	To Minh Tri	Communication System Engineer	NK	3.0		1,600		4,800
L44	Trinh Dinh Khiem	Electrical Engineer 1	NK	7.0		1,600		11,200
L45	Vo Hong	Electrical Engineer 2	NK	5.0		1,300		6,500
L46	Bui Phu Huy	Toll Collection System Specialist	NK	4.0		1,300		5,200
L47	Nguyen Thi Bich Thuy	Cost Estimator 1 (Civil Work Packages)	NK	11.0		1,600		17,600
L48	Phan Thi Thuy Trinh	Cost Estimator 2 (Civil Work Packages)	NK	8.0		1,500		12,000
L49	Nguyen Thi Sinh	Cost Estimator 3 (Other Packages)	NK	2.0		1,300		2,600
L50	Nguyen The Truong	Procurement/Contract Specialist 1	NK	12.0		1,600		19,200
L51	Ha Ngoc Anh Minh	Procurement/Contract Specialist 2	NK	8.0		1,300		10,400
L52	Pham Van Xuan	Senior Environmental Specialist	NK	8.0		1,700		13,600
L53	Pham The Giang	Environmental Specialist	NK	8.0		1,600		12,800
L54	Le Dang Giang	Senior Resettlement Specialist	NK	14.0		1,700		23,800
L55	Ho Thi Thu Thuy	Social and Resettlement Specialist	NK	14.0		1,600		22,400
L56	Le Duy Son	Cultural and Archaeological Specialist	NK	14.0		1,600		22,400
L57	Bach The Dung	Training Specialist	NK	4.0		1,600		6,400
Sub-total (B)				357.0				546,000

No.	Name	Position	Firm	Input (months)	Remuneration Currencies Rate		Amount	
					JPY	USD	JPY	USD
National Staff								
S1	To be nominated	Office Manager	NK	14.0		1,000		14,000
S2	To be nominated	Bilingual Secretary 1	NK	14.0		600		8,400
S3	To be nominated	Accountant	NK	14.0		800		11,200
S4	To be nominated	Translator 1	NK	14.0		600		8,400
S5	To be nominated	Translator 2	NK	12.0		600		7,200
S6	To be nominated	Translator 3	NK	12.0		600		7,200
S7	To be nominated	Translator 4	NK	12.0		600		7,200
S8	To be nominated	Translator 5	NK	12.0		600		7,200
S9	To be nominated	CAD Operator 1	NK	14.0		600		8,400
S10	To be nominated	CAD Operator 2	NK	4.0		600		2,400
S11	To be nominated	Guard 1	NK	14.0		300		4,200
S12	To be nominated	Guard 2	NK	14.0		300		4,200
S13	To be nominated	Bilingual Secretary 2	NK	12.0		600		7,200
S14	To be nominated	CAD Operator 3	NK	12.0		600		7,200
S15	To be nominated	CAD Operator 4	NK	12.0		600		7,200
S16	To be nominated	CAD Operator 5	NK	12.0		600		7,200
S17	To be nominated	CAD Operator 6	NK	12.0		600		7,200
S18	To be nominated	Bilingual Secretary 3	NK	12.0		600		7,200
S19	To be nominated	CAD Operator 7	NK	12.0		600		7,200
S20	To be nominated	Bilingual Secretary 4	NK	8.0		600		4,800
S21	To be nominated	CAD Operator 8	NK	8.0		600		4,800
Sub-total (C)				250.0				150,000
Total (A+B+C)							393,450,000	696,000

4E. REIMBURSABLES PER ACTIVITY

No.	Description	Unit	Quantity	Unit Price		Amount	
				JPY	USD	JPY	USD
1.	<u>International Flights</u>					<u>6,706,000</u>	<u>11,420</u>
1-1	Air Tickets purchased outside of Vietnam (fixed unit rate)		52				
	a1. Tokyo - Hanoi - Danang (Over 1year)	One Way	6	147,000		882,000	
	a2. Danang-Hanoi-Tokyo (Over 1year)	One Way	6		580		3,480
	b. Tokyo - Hanoi - Danang (less than 1year)	Round Trip	10	236,000		2,360,000	
	c. Tokyo - Hanoi - Danang (Less than 3months)	Round Trip	16	159,000		2,544,000	
	d. Manila - HCMC - Danang (Less than 3months)	Round Trip	1		1,000		1,000
	d. Brisbane - SGN - Danang (Less than 3months)	Round Trip	1		1,300		1,300
	e. Bangkok - HCMC - Danang (less than 1year)	Round Trip	6		530		3,180
	f. Bangkok - HCMC - Danang (Less than 3months)	Round Trip	6		410		2,460
1-2	Miscellaneous Travel Expense (fixed unit rate) (Visa application, Inland Travel Cost and others)	Round Trip	46	20,000		920,000	
2.	<u>Perdiem Allowance (fixed unit rate)</u>						<u>441,300</u>
2-1	International Consultant	months	239		1,500		358,500
2-2	National Consultant (for the experts mobilized from outside Danang)	months	276		300		82,800
3.	<u>Accommodation Allowance (fixed unit rate)</u>						<u>554,400</u>
3-1	International Consultant	months	239		1,800		430,200
3-3	National Consultant (for the experts mobilized from outside Danang)	months	276		450		124,200
4.	<u>Local Transportation Cost</u>						<u>11,400</u>
	<u>International Consultant</u>						
4-1	Air Ticket (fixed unit rate)						
	a. Danang-Hanoi for duty Trip	Round Trip	30		100		3,000
	<u>National Consultant</u>						
4-2	Air Ticket (fixed unit rate)						
	a) Hanoi/HCMC-Danang for mobilization	Round Trip	45		120		5,400
	c) Danang-Hanoi for duty Trip	Round Trip	30		100		3,000
5.	<u>Office Rental Cost (fixed unit rate)</u>						<u>80,000</u>
5-1	Main Office at Danang	months	14		4,800		67,200
5-2	Branch Office at Hanoi	months	8		1,600		12,800
Total						6,706,000	1,098,520

4F. MISCELLANEOUS EXPENSES

No.	Description	Unit	Quantity	Unit Price		Amount	
				JPY	USD	JPY	USD
1.	<u>Communication Cost</u>						11,200
1-1	International Communication (fixed unit rate)						
	a. During D/D Stage	months	14		200		2,800
	b. During P/A Period	months	2		200		400
1-2	Domestic Communication (fixed unit rate)						
	a. During D/D Stage	months	14		500		7,000
	b. During P/A Period	months	2		500		1,000
2.	<u>Reproduction of Reports & Documents</u> (fixed unit rate)	months	14		1,400		19,600
3.	<u>Office Furniture, Equipment and Software</u> (Lump sum)	L/S	1		60,000		60,000
4.	<u>Office Running Cost</u> (fixed unit rate)						19,200
4-1	Office Running Cost (Main Office)	months	14		1,200		16,800
4-2	Office Running Cost (Branch Office at Hanoi)	months	8		300		2,400
5.	<u>Vehicle Rental</u> (fixed unit rate)						96,500
5-1	Vehicle Rental Cost (incl. Fuel and Driver)						
	a. Mini Bus (16 seats) at main office	v/months	37		1,500		55,500
	b. Vehicle (Sedan) at main office	v/months	14		1,500		21,000
	c. Vehicle (7 seats) at Hanoi Branch Office	v/months	16		1,250		20,000
6.	<u>Survey Works</u> (Lump sum)						2,931,157
6-1	Relevant Data and Documents	L/S	1		10,000		10,000
6-2	Topographic Survey (See Breakdown 1)	L/S	1		1,006,056		1,006,056
6-3	Hydrological Survey (See Breakdown 2)	L/S	1		211,808		211,808
6-4	Engineering Geological Survey (See Breakdown 3)	L/S	1		1,479,728		1,479,728
6-5	Material Source Survey (See Breakdown 4)	L/S	1		17,565		17,565
6-6	Relevant Facilities Survey	L/S	1				
6-7	Baseline Survey (Additional Traffic Survey)	L/S	1		6,000		6,000
6-8	Independent Land Valuation Survey	L/S	1				
6-9	Environmental and Social Surveys	L/S	1				
6-10	Land Acquisition Staking	L/S	1		200,000		200,000
7.	<u>D/D subletting cost of all bridges and interchanges</u> (Lump sum)	L/S	1		400,000		400,000
Total							3,537,657