Act with integrity and contribute to society through technology and engineering

العمل بنزاهة والإسهام في بناء المجتمع ع طريق التكنولوجيا والهندسة

Nippon Koei respects the history and culture of each nation and region. We contribute to the sustainable development of societies through excellent technology and engineering appropriate for each region.

About Us

- Japan's No.1 International Engineering Consultants
- Completed over 5,000 multi-disciplinary infrastructure projects in 160 countries during 70 years
- Oldest independent consulting firm in Japan, founded in 1946

Regional Sales Ratio (2018.6) Europe 11.5% ● • Others 0.4% Central - South America 6.5% Africa 3.6% ● Total Sales U.S. \$960million East Asia 1.7% ◆ → Japan 58.8% Asia 17.6%

Tunnels

Tunnel engineering and engineering solutions:

- To natural obstacles, offering total tunnel solutions
- For local economic development though new technologies







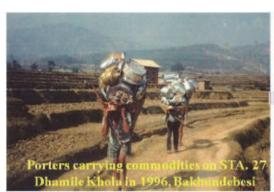


Our solution for the 6,260m long Hai Van Pass Tunnel, one of the 30 largest and most modern tunnels in the world, shortening the travel time from hours to 10 minutes, Vietnam

Roads

Design and construction management:

- From trans-continental highways, high-capacity high-speed urban highways and viaducts to rural roads
- For enhancing the security of inhabitants and encouraging socio







Before and After the Construction of the Sindhuli mountainous Road, Nepal

Bridges

 Ranging from short-span and low-clearance bridges to long-span, high-elevation and structurally complex bridges crossing great rivers and straits





Dawbon Bridge, PC 3span Continuous Extradosed Bridge of 220m (60m+100m+60m) with Steel Pipe Sheet Pile Foundation crossing Upper Pazuntaun River, Myanmar

Our Projects

WORLDWIDE ROAD, TUNNEL AND BRIDGE CONSTRUCTION PROJECTS ENGINEERED BY NIPPON KOEI

TUNISIA - New Rades Goulette Bridge Construction Project



MOROCCO - Technical Assistance for the Construction of the

Mediterranean Bypass

EGYPT - Ahmed Hamdi Tunnel Rehabilitation (D/D, C/S)

SUDAN - New White Nile Bridge Construction Project (F/S)

ETHIOPIA

- Rehabilitation of Trunk Road (Addis Ababa Goha Tsion) (B/D, D/D, C/S)

ERITREA

- Rehabilitation of Bridges on the Asmara - Massawa Road (B/D, D/D, C/S)

UGANDA

- Improvement of Trunk Road Kampala Urban Interface Sections (M/P, F/S, B/D, D/D, C/S) *L - Kampala Flyover Construction Project (F/S, BD, D/D, C/S)*R - Improvement of Gulu Municipal Council Roads



- Construction Project of Tana Basin Road (C/S) - New Sabaki Bridge Construction Project (B/D, D/D, C/S) - Nairobi Viaduct and Road Construction Project (F/S)

TANZANIA (M/P, F/S, B/D, D/D, C/S)

- Dar Es Salaam Roads Improvement Project

- Rehabilitation of Tanzam Highway (Kitonga-Gorge Section) (B/D, D/D) - Selander Bridge Expansion Project (B/D, D/D, C/S)

Mangochi Bridge MALAWI - Mangochi Bridge **Reconstruction Project** (B/D, D/D, C/S) 3 - Main Road No.5 Bridges Reconstruction Project (B/D, D/D)

ZAMBIA/BOTSWANA - Kazungula Bridge Construction Project (F/S)

RWANDA

- Urban Transport Plan for Kigali City (M/P) **RWANDA, TANZANIA**

- Construction of Rusumo International Bridge (BD, D/D, C/S)

- Main Bridges Reconstruction Project on Road Network (B/D, D/D, C/S)

BOSNIA and HERZEGPVINA

UKRAINE Mykolaiv Bridge Construction Project (F/S)

LEGEND M/P: Master Plan SAPROF: Special Assistance for F/S: Feasibility Study B/D: Basic Design Study D/D: Detailed Design Study

C/S: Construction Supervision

Project Formation Special Assistance for Project Sustainability Project Management Photo (L=Left, R=Right)

TURKEY

- Bozuyuk-Mekece Road Improvement Project (C/S) Bosphorus Road Tunnel Construction Project (F/S)

JORDAN - Sheikh Hussein Bridge Reconstruction Project

(B/D, D/D, C/S) *L King Hussein Bridge Reconstruction Project

(B/D, D/D, C/S) *RNorth Shuna – South Shuna Road Project (F/S)



KAZAKHSTAN

- Western Kazakhstan Road Network Rehabilitation Project (D/D, C/S)

AZERBAIJAN

- UrbanTransport Improvement in the City of Baku (M/P, F/S)

PAKISTAN

- Improvement of Indus Highway (N-55) (C/S) - North Western Frontier Provinces Bridge

Construction Project I ~ III (B/D, D/D, C/S) * - National Highway N-25

Improvement Project (B/D, D/D)- Nationa Transport

Study (M/P, F/S) **Improvement Project**

INDIA

(M/P, F/S)

- National Highway No.5 Improvement Project (C/S) - Nizamuddin Bridge Construction Project

(B/D, D/D, C/S)

West Bengal Corridor Development Project (D/D, C/S)

Bengaluru Peripheral Ring Road (M/P, F/S) Chennai Peripheral Ring

Road Project (F/S) Construction of Outer Ring Road to Hyderabad City (C/S)



AFGANISTAN

- Kabul-Kandahar Trunk Road Improvement Project (B/D, D/D, C/S)

Mazar-e-Sharif Roads Rehabilitation Project

- Kandahar-Herat Trunk Road Improvement Project (B/D, D/D, C/S) Mazar-e-Sharif City Urgent Rehabilitation Project (M/P, B/D, D/D, C/S)

NEPAL

(D/D)

(B/D, D/D, C/S)

- Construction of Shindhuli Road (Section I, II, IV)

(B/D, D/D, C/S) Kathmandu-NaubiseAlternate Road Project (F/S) - Improvement of Intersections in Kathmandu (B/D, D/D, C/S) - New Bagmati Bridge Construction Project (B/D, D/D, C/S) *

- Improvement of Community Access (F/S, B/D, D/D, C/S) - Nagdhunga Tunnel **Construction Project**

LAOS

THAILAND/LAOS

Project (D/D, C/S)*

- Bridges Rehabilitation Project along the National Highway No. 13 (B/D, D/D, C/S)

- Pakse Bridge Construction Project (F/S, B/D, D/D, C/S) * - New Hinheup Bridge Construction Project

MYANMAR - Tungoo Road Construction Project

(B/D, D/D, C/S) Construction of New Thaketa Bridge

(M/P, F/S, D/D, C/S)

Thilawa Access Road Construction Project (D/D, C/S) - Construction of Bago Bridge (F/S, BD, D/D, C/S) - Yangon Outer Ring Road Project (East Section) (F/S)

EL SALVADOR - Second Mekong International Bridge Construction - Major Transportation Infrastructures Improvement Projec (D/D, C/S) - Bridges Rehabilitation Project along MainTruck

Roads (B/D, D/D, C/S) · Bridges Rehabilitation Project along Litoral

Highways (B/D, D/D, C/S) Bridges Rehabilitation Project along Litoral

Highways in Eastern Region (B/D, D/D, C/S) * San Miguel ByPass

Construction Project (F/S, D/D)

NICARAGUA Nejapa-Izapa Bridge Reconstruction Projec

(B/D, D/D, C/S) - Project for Urban Development Master Plan for Managua City (M/P)

CHILE - New Bio-Bio Bridge Construction Project (F/S) - Bridges Rehabilitation and Conservation Program (F/S)

BOLIVIA - Santa Barbara - Bella Vista Highway Rehabilitation and Improvement Project (F/S)

ECUADOR/PERU - New Macara International Bridge Construction Project (B/D)

PERU - Rural Highway Rehabilitation and Improvement Project II (D/D, C/S)

- El NinoAffected Highways Rehabilitation (P/M)

- Construction of South Expressway Project of Lima (C/S) SAINT LUSIA - Cul-De-Sac Bridges Construction Project (BD, D/D)

- Advisor for the Institutional Strengthening on **Tunnel Projects**

PHILIPPINES - Mindoro West Coast Road Improvement Project

COLOMBIA

- Metro Cebu Development-Phase III (D/D, C/S) - Bridges Rehabilitation Projects along Arterial Roads

 $I \sim IV (D/D, C/S) *L$ - Pinatubo Hazard Urgent Mitigation Project (F/S, D/D, C/S) *R

- Subic-Clark-Tarlac Expressway Project (D/D, C/S) - Metro Manila Priority Bridges Seismic Improvement (F/S, D/D, C/S)

- Davao City Bypass Construction Project (D/D)



- New Koror-Babeldaob Bridge Construction Project (B/D, D/D, C/S) *

- Interislands Access Road Improvement Project (B/D, D/D, C/S)



PAPUA NEW GUINEA

- National Road Improvement Project (D/D, C/S) - Trans-Island Highway Bereina-Malalaua Road Construction Project (D/D, C/S)

- Umi Bridge along Reconstruction Project along Highlands Highway (B/D, D/D, C/S) Reconstruction of Leron and Bitija Bridges on

Highlands Highway (B/D, D/D, C/S) - Highlands Highway Bridges Rehabilitation Project (B/D, D/D, C/S)

As of June 2019, road sector of Nippon Koei Group has been awarded 5,900 contracts in 80 countries.

MOZAMBIQUE - Bridges on Main National Roads Reconstruction Project I & II (B/D, D/D, C/S) - Zambezia and Tete Province Bridges Improvement Project (B/D)

- Urban Transport Master Plan for the Greater Maputo (M/P) Massangulo – Lichinga Road Construction Project (D/D, C/S)

ZAMBIA

- Improvement Lusaka City Roads (Phase I & II) (B/D, D/D, C/S)

ZIMBABWE

- Rural Road Rehabilitation Project (B/D, D/D, C/S) - Bridges Improvement Project on Rural Roads (B/D, D/D, C/S)

SWAZILAND

- The Northern Main Road Construction (MR5 & MR6) Project (D/D, C/S) **GHANA**

- Anwiankwanta- Yamoransa Road Rehabilitation

- Kumaci-Paga Road Rehabilitation Project (D/D, C/S) **SIERRA LEONE**

Makeni-Kamakwie Road Development (F/S)

SRI LANKA

Project (C/S)

INDONESIA

(F/S, D/D, C/S)*

MALDIVES

Spatial Study (M/P, F/S)

- Provincial Roads Improvement Project (D/D, C/S) - Tsunami Affected Trunk Roads Rehabilitation Project (F/S, B/D, D/D) - Four Causeways Emergent Recovery

- Pro-Poor Eastern Infrastructure Development Project (D/D)

(F/S, D/D, C/S) - ADB Eleventh Road Betterment and Bridge Replacement Program (F/S, D/D, C/S) - Tanjung Priok Access Road Project

- Third Nine Provinces Road Rehabilitation

- Banda Ache City Urgent Rehabilitation Project (M/P, B/D, D/D, C/S)- Nanggroe Ache Darussalam Province and Nias Island Rehabilitation Project (SAPROF)

- Mamminasata Metropolitan Area Integrated

- Islands Rehabilitation Project (B/D, D/D, C/S)



BANGLADESH - Meghna Bridge Construction Project

(M/P, F/S)

THAILAND

(F/S, D/D, C/S) - Meghna Gumti Bridge Construction Project (F/S, D/D, C/S) Padma Bridge Construction Project (F/S) - Dhaka Integrated Traffic Management Project

- Eastern Outer Bangkok Ring Road Construction

Project (C/S) - Southern Outer Bangkok Ring Road Construction Project (F/S)

CAMBODIA - National Highway No.7 (Kampong Cham Section) Rehabilitation Project (B/D, D/D, C/S) - Mekong Bridge Construction Project

Road Network Development Study (M/P, F/S)

- Lam Pang - Chang Mai Motorway Project (F/S)

EAST TIMOR

(F/S, B/D, D/D, C/S)

- Highway and Bridges Rehabilitation Project (B/D, D/D, C/S) Timor-Leste National Road No. 1 Upgrading Project (M/P, F/S, D/D, C/S)

VIETNAM

Project (D/D, C/S)

KIRIBATI

- Kiribati Inter-Island Causeway Construction Project (D/D, C/S)

- National Highway No.10 Improvement Project (D/D, C/S) - Hai Van Pass Tunnel Construction Project (F/S, D/D, C/S)*L - Can Tho Bridge Construction Project

(F/S, D/D, C/S)*R - Hanoi Comprehensive Urban Development Study (M/P, F/S) - New national Highway No.3 Construction

- Construction of Ca Pass Tunnel (D/D, C/S)

- Trung Luong–My Thuan–Can Tho Expressway (M/P, F/S) - Da Nang – Quang Ngai Expressway (F/S, D/D) - Hanoi RR3 (Mai Dich – South Thang Long)

- Cu Mong Pass Road Tunnel Project (F/S, D/D)



BHUTAN

- Enhancement of Capability for Bridge Construction and Management (C/S)

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