

**MAJOR WORK UNDERTAKEN BY PKII
WHICH BEST ILLUSTRATES QUALIFICATIONS**

Project Name: MT. PINATUBO HAZARD URGENT MITIGATION PROJECT, PHASE I (JBIC funded)		Country: Philippines	
Project Location with Country: Pampanga and Tarlac Provinces, Philippines		Professional Staff Provided:	
Name of Client: Department of Public Works and Highways		No. of Staff: 17	
Address: Bonifacio Drive, Port Area, Manila		No. of Person-Months: Total: 384 M/M PKII: 183 M/M	
Start Date: (Month/Year) December 1997	Completion Date (Month/Year) May 2001	Approx. Value of Service: ₱ 28,323,682.50	
Name of Associated Firm(s), if any: Nippon Koei Co., Ltd.		No. of Months of Professional Staff Provided by Associated Firm(s): 201 M/M	
Name of Key Staff Involved and Position :			
O. Samson	- Co-Team Leader/River Engineer	T. Laureta	- Bridge Engineer
A. Beringuela	- Structural Engineer	M. Verzola	- Socio-Economist
R. Punay	- Road Design Engineer	N. Tapay	- Sociologist
R. Marzan	- Bridge Design Engineer	T. Serrano	- Topo Survey Expert
N. dela Cruz	- Hydraulic Engineer	R. Raquepo	- Cost Estimator/ Construction Planner
W. Llaguno	- Engineer's Representative	R. Maloles	- Hydrologist
M. Tetangco	- Agri-Forestry Specialist	B. Mavenzula/E. Sabio	- Land Use Planner
R. Janolino	- Environmental Expert		
L. Villarey	- Soils/Materials Engineer		
Detailed Narrative Description of Project:			
<p>The objectives of the project are:</p> <ol style="list-style-type: none"> 1. To rehabilitate/restore the Sacobia-Bamban river basin which was damaged due to the eruption of Mt. Pinatubo in order to prevent further destruction of life and property; 2. To rehabilitate/improve two major roads between Pampanga and Tarlac in order to ensure ease of transport, strengthen inter-regional linkages, and to support the growth of agricultural, industrial, fishing, commercial and tourism activities in Central Luzon; and 3. To recover the vast agricultural land now covered with lahar. <p>I. The construction works :</p> <p>Package 1: The Bamban river improvement works at the downstream reach from the San Francisco Bridge to the confluence with the Rio Chico River;</p> <p>Package 2: The training works of the Sacobia River and the Bamban River improvement from Bamban Town to the San Francisco Bridge; and</p> <p>Package 3: The restoration works of Highway Route 3 including the construction of Bamban and Mabalacat bridges;</p> <p>II. Agricultural Development Planning in Sacobia-Bamban River Basin; and</p> <p>III. Monitoring and Planning of Flood/Mudflow Control Works in Pasig Potrero River Basin.</p>			
Detailed Description of Actual Services Provided:			
<p>The scope of engineering services included the following:</p> <ol style="list-style-type: none"> 1. Detailed design and construction supervision for the Sacobia-Bamban River Basin; 2. Agricultural development planning for the Sacobia-Bamban River Basin; 3. Monitoring and planning on lahar/mudflow control works in the Pasig-Potrero River Basin; and 4. Transfer of technology. 			