

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

Project Name: AGNO RIVER FLOOD CONTROL PROJECT, PHASE II		Country: Philippines																				
Project Location with Country: Pangasinan and Tarlac Provinces, Philippines		Professional Staff Provided:																				
Name of Client: Department of Public Works and Highways		No. of Staff: 20																				
Address: Bonifacio Drive, Port Area, Manila		No. of Person-Months: Total - 922.5 M/M PKII - 401.5 M/M																				
Start Date: (Month/Year) August 1999	Completion Date (Month/Year) January 2010	Approx. Value of Service: ₱ 20,702,000																				
Name of Associated Firm(s), if any: Nippon Koei Co., Ltd. and BASIC Team		No. of Months of Professional Staff Provided by Associated Firm(s): 521 M/M																				
Name of Key Staff Involved and Position :																						
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">J. Rita - Structure Engineer A</td> <td style="width: 50%;">E. Rosario - Environmental Expert</td> </tr> <tr> <td>J. Alex - Structure Engineer B</td> <td>V. Mendoza - Watershed Mgmt. Expert</td> </tr> <tr> <td>T. Laureta - Bridge Engineer (Design)</td> <td>M. Kabling - Sediment Balance Expert</td> </tr> <tr> <td>R. Templo - Hydraulic/Drainage Engr.</td> <td>E. Calugay - Bridge Engineer (Const.)</td> </tr> <tr> <td>A. Madla - Survey Expert</td> <td>R. Gumapac - Bridge Engineer</td> </tr> <tr> <td>W. Pormento - Social Dev't. Expert</td> <td>D. Bernardez - Materials Engineer</td> </tr> <tr> <td>M. Solano - Materials Engineer</td> <td>M. Furiscal - Road Engineer</td> </tr> <tr> <td>A. Casto - Structural Engineer A</td> <td>M. Palomo - Building Engineer</td> </tr> <tr> <td>A. Enconado - Structural Engineer B</td> <td>O. Salomon - Architect</td> </tr> <tr> <td>C. Sarmago - Economist</td> <td>R. Uriarte - Market Expert</td> </tr> </table>			J. Rita - Structure Engineer A	E. Rosario - Environmental Expert	J. Alex - Structure Engineer B	V. Mendoza - Watershed Mgmt. Expert	T. Laureta - Bridge Engineer (Design)	M. Kabling - Sediment Balance Expert	R. Templo - Hydraulic/Drainage Engr.	E. Calugay - Bridge Engineer (Const.)	A. Madla - Survey Expert	R. Gumapac - Bridge Engineer	W. Pormento - Social Dev't. Expert	D. Bernardez - Materials Engineer	M. Solano - Materials Engineer	M. Furiscal - Road Engineer	A. Casto - Structural Engineer A	M. Palomo - Building Engineer	A. Enconado - Structural Engineer B	O. Salomon - Architect	C. Sarmago - Economist	R. Uriarte - Market Expert
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Detailed Narrative Description of Project:																						
<p>As the second phase of the Agno River Flood Control Project, it involves the improvement of river stretch from Wawa Bridge to the entrance of the existing floodway with the following features:</p> <p><i>1st stretch:</i></p> <ol style="list-style-type: none"> 1. Excavation of low water channel, construction of 11.9 km new dikes (0.7 km counter weight and 1.4 km revetment); <p><i>2nd stretch:</i></p> <ol style="list-style-type: none"> 2. Construction of 4.4 km guide channel; approach channel excavation (0.79 mil. cu. m); 11.7 km closure dike; 3.3 km revetment; 0.9 km spur dike, diversion structures and riverbed protection works; 3. Construction of floodway control weir and 1.4 km spur dike; and 4. Construction of Hector Mendoza Bridge (11 spans, about 1 km long). <p>It also includes the study and implementation of a Social Development Component and a Resettlement Site Development for the Poponto Retarding Basin Area.</p>																						

Detailed Description of Actual Services Provided:

Pre-Construction Stage – review of detailed design, prepared under ARFP in 1995, detailed design of additional components, watershed management study, sediment balance study for Tarlac River, ECC monitoring, squatter resettlement and land acquisition, and assistance during tendering;

Construction Stage – construction supervision and management of all the project components, including safety, traffic and cost control during Project implementation;

Social Development Scheme – study, design and monitoring of resettlement site development, preparation and implementation of Livelihood Program including monitoring of compensation package, rapid rural appraisal on coping mechanisms against floods, coordination of consultation with local communities, study, design, training and implementation of integrated non-structural countermeasures against floods, etc.; and

Consultant’s Close-Out Activities – preparation of completion report, maintenance manual, as-built plans and engineering study report.