

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

Project Name: LOWER AGUSAN DEVELOPMENT PROJECT (LADP), FLOOD CONTROL COMPONENT, PHASE II		Country: Philippines
Project Location with Country: Agusan del Norte, Mindanao Island, Philippines		Professional Staff Provided:
Name of Client: Department of Public Works and Highways		No. of Staff: PKII: 17
Address: Bonifacio Drive, Port Area, Manila		No. of Person-Months: Total: 745.8 M/M PKII: 219.5 M/M
Start Date: (Month/Year) January 1998	Completion Date (Month/Year) December 2006	Approx. Value of Service: ₱ 15,471,750.00
Name of Associated Firm(s), if any: Nippon Koei Co., Ltd. and TCGI Engineers		No. of Months of Professional Staff Provided by Associated Firm(s): 526 M/M
Name of Key Staff Involved and Position :		
R. Templo - Drainage Engineer	M. Estremera - Irrigation Engineer	
T. Laureta - Building Engineer	V. Pacunio - Socio-Economist	
T. Torrevillas - Cost Estimator	W. Pormento - Social Development Expert	
G. Berdin - Urban Drainage Engineer	F. Enriquez - Livelihood Expert	
E. Tolentino - Drainage Engineer	D. Tandinagan - Geodetic Engineer	
R. Dizon - Bridge Engineer	E. Lopez - Land Use Planner	
A. Oculito - Structural Engineer A	R. Punay - Road Engineer	
J. Rita - Structural Engineer B	N. Sartaguda - Architect	
E. Quiñones - Environmentalist		
Detailed Narrative Description of Project:		
<p>The Project's components are as follows:</p> <ol style="list-style-type: none"> 1. Agusan River Improvement (East Bank) (14,377 m), cut-off channel (5,660 m) and 2 sluices; 2. Construction of Magsaysay Bridge/Viaduct (628 m), cut-off channel bridge (90 m) and 135 m approach; 3. Improvement of Banza River and land development involving dredging (6,233 m), spoil bank yard (90 ha), construction of resettlement areas for affected households (7,000 families), pedestrian bridges, etc.; and 4. Masao River Improvements and Butuan City Drainage System. 		

Detailed Description of Actual Services Provided:

The detailed engineering design of the entire LADP Flood Control components including the construction of the West Bank Dike and related improvements were undertaken under Phase I of the Project.

The services provided by the Consultant under Phase II of LADP-FC included the following:

Pre-construction stage:

- a) Review of detailed designs; re-study of Magsaysay Viaduct, economic evaluation and design of urban drainage system and other restructural works;
 - b) Cost estimation;
 - c) Construction plan preparation;
 - d) Assistance in tendering and award activities; and
 - e) Transfer of technology;
2. Construction Stage:
 - a) Topo and cross-section surveys of drainage system; and
 - b) Hydrological/geotechnical studies, construction supervision of all components;
 3. Study on water management and flood forecasting / warning system; and
 4. Formulation and implementation of overall resettlement program for about 7,000 families.