

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

Project Name: CENTRAL LUZON IRRIGATION PROJECT (JBIC funded)		Country: Philippines																					
Project Location with Country: Nueva Ecija and Tarlac Province		Professional Staff Provided:																					
Name of Client: National Irrigation Administration (NIA)		No. of Staff: 14																					
Address: EDSA, Diliman, Quezon City		No. of Person-Months: Total : 841 M/M PKII : 287 M/M																					
Start Date: (Month/Year) D/D : December 1999 C/S : March 2001	Completion Date (Month/Year) D/D : January 2001 C/S : 2008	Approx. Value of Service: ₱ 39,666,000																					
Name of Associated Firm(s), if any: Nippon Koei Co., Ltd, Sanyu Consultants, Inc., & HydroTerre Consultants, Inc.		No. of Months of Professional Staff Provided by Associated Firm(s): 554 M/M																					
Name of Key Staff Involved and Position :																							
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">W. Tiangco</td> <td style="width: 33%;">- Co-Team Leader</td> <td style="width: 33%;">A. Beringuela - Structure Design Engineer</td> </tr> <tr> <td>E. dela Paz</td> <td>- Topographic Survey Expert</td> <td>L. Villarey - Material Testing Engineer</td> </tr> <tr> <td>R. Abne</td> <td>- Geotechnical Engineer-B</td> <td>R. Adonis - Electrical Engineer</td> </tr> <tr> <td>W. Cunanan/T. Garcia</td> <td>- Cost Estimator</td> <td>B. Visaya - Construction Engineer</td> </tr> <tr> <td>M. Estremera</td> <td>- Irrigation Design Engineer</td> <td>N. Bautista - Material Testing Engineer</td> </tr> <tr> <td>J. Manaloto</td> <td>- Irrigation/Drainage Engineer</td> <td>Estioko - Irrigation O&M Expert-B</td> </tr> <tr> <td>W. Llaguno</td> <td>- Construction Engineer</td> <td></td> </tr> </table>			W. Tiangco	- Co-Team Leader	A. Beringuela - Structure Design Engineer	E. dela Paz	- Topographic Survey Expert	L. Villarey - Material Testing Engineer	R. Abne	- Geotechnical Engineer-B	R. Adonis - Electrical Engineer	W. Cunanan/T. Garcia	- Cost Estimator	B. Visaya - Construction Engineer	M. Estremera	- Irrigation Design Engineer	N. Bautista - Material Testing Engineer	J. Manaloto	- Irrigation/Drainage Engineer	Estioko - Irrigation O&M Expert-B	W. Llaguno	- Construction Engineer	
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Detailed Narrative Description of Project:																							
<p>The Project consists of two components:</p> <p>A. Irrigation component of the Casecnan Multipurpose Irrigation and Power Project involving the</p> <ol style="list-style-type: none"> 1. development of new irrigation expansion area of about 30,500 hectares in Nueva Ecija and Tarlac; and 2. rehabilitation of existing irrigation and drainage facilities in the Upper Pampanga River Integrated Irrigation System. <p>B. Tarlac Groundwater Irrigation System Reactivation Project involving the</p> <ol style="list-style-type: none"> 1. construction of 50 deepwell pump irrigation subprojects in Tarlac; 2. construction of irrigation facilities and rural roads; 3. reactivation of existing deepwells for irrigation use; and 4. preparation of training designs and manuals on the organization and management of irrigation service cooperatives, O&M of deepwell pumps and engines, water management for pump-irrigated farms, and cropping systems development. 																							

Detailed Description of Actual Services Provided:

1. Detailed Engineering Design: Data gathering and survey & investigation; determination of design criteria and layout plans; detailed design plans of all structures and canal systems; quantity take off; and construction planning and cost estimation, including contract packing; and preparation of O&M plan
2. Pre-construction Services: Preparation of contract documents (detailed specifications, prequalification and contract documents); assistance to NIA for contractors' prequalification, contractors' site inspection; bid evaluation, etc.
3. Assistance to NIA for: contract management and supervision, and inspection, evaluation of construction claims and requests for variation orders and billing, review of as-built drawings, etc., and preparation of progress reports
4. Preparation of the final report.