

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

Project Name: ARCHITECTURAL AND ENGINEERING DESIGN WORKS, AND CONSTRUCTION SUPERVISION OF THE AGRO-FORESTRY MULTI-PURPOSE NURSERY PROJECT-PAMPANGA		Country: Philippines
Project Location with Country: City of San Fernando, Pampanga		Professional Staff Provided: 8
Name of Client: Japan International Cooperation Agency		No. of Staff: 8
Address: 40 th Floor, Yuchengco Tower, RCBC Plaza, Ayala Ave., Makati City		No. of Person-Months: DD - 5 M/M CS - 7 M/M
Start Date: (Month/Year) DD : January 2006 CS : August 2006	Completion Date (Month/Year) DD : March 2006 CS : March 2007	Approx. Value of Service: ₱ 556, 480.00 (DD) ₱ 663,600.00 (CS)
Name of Associated Firm(s), if any: None		No. of Months of Professional Staff Provided by Associated Firm(s): N/A
Name of Key Staff Involved and Position : Mariano Santos - Project Manager (DD,CS) Nicolas T. Sartaguda - Architect (DD) Antonio Dela Torre - Structural Engineer (DD) Zaldy Macaraeg - Materials Engineer (CS) Luzita M. Baccol - Electrical Engineer (DD,CS) Rene Flordeliz - Sanitary Engineer (DD,CS) Venesius Moreno - Specification/Cost Engineer (DD, CS) Christopher Villanueva - Architect/Inspector (CS)		
Detailed Narrative Description of Project The architectural and engineering design works, and construction supervision of the Agro-forestry Multi-purpose Nursery Project is located at the Government Site, Maimpis, City of San Fernando, Pampanga. The project comprised the following: 1) working shade (with working area, compost pits and storages); 2) multi-purpose room for meetings and trainings for about 40 people which include entrance hall, office, dormitory, laboratory, storage, comfort room, and shower room.		
Detailed Description of Actual Services Provided: The following are the detailed scope of services provided by PKII: <u>Detailed Design:</u> a) Site Visit- <ul style="list-style-type: none"> ▪ Check the location of the proposed construction site; ▪ confirm the ownership of land where the proposed structure will be constructed; ▪ conduct relocation survey of the proposed construction site if not available; 		

- check the existing utilities such as: electric power, water supply, drainage and sewer lines and telephone lines;
 - check the existing structure or adjacent structure;
 - check the facilities that might be affected;
 - research for structural data such as strength of soil foundation and available materials;
 - check the availability of materials that will be used for construction;
 - obtain the cost of materials in the area;
 - know the cost of manpower, skilled, semi-skilled, minimum wage, etc.; and
 - know the cost of rental of equipment that will be used for the project.
- b) Preparation of the Preliminary design and budget for approval of JICA
- c) Preparation of the Detailed Design Report which consists of
- history or background of the project;
 - basis of design and design criteria; and
 - detailed design calculations.
- d) Preparation of cost of the project- prepare the bill of quantities and cost estimates; and
- e) Preparation of bid documents
- complete set of plans by CADD operators;
 - draft criteria for contractors; and
 - draft contract/bid documents

Construction Supervision:

- a) Construction Phase
- Supervise contractor in securing building permit;
 - Construction supervision;
 - Compilation of project records; and
 - Preparation of monthly progress reports with photos.
- b) Post-Construction Phase
- Final inspection for completion of construction;
 - Preparation of final construction report;
 - Preparation of Quality Assurance Report; and
 - Project completion.