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# TEST CONSULTANTS, INCORPORATED

## BACKGROUND AND ORGANIZATION

TEST Consultants, Inc. (TCI) was established in 1968 by a group of professors from the College of Engineering, University of the Philippines. It was formerly known as Technics, Evaluation, Simulation, and Testing Incorporated (T.E.S.T. Incorporated). Initially organized to provide mainly testing and evaluation services, the company was transformed into an engineering consulting firm in 1972 together with the change into its present name.

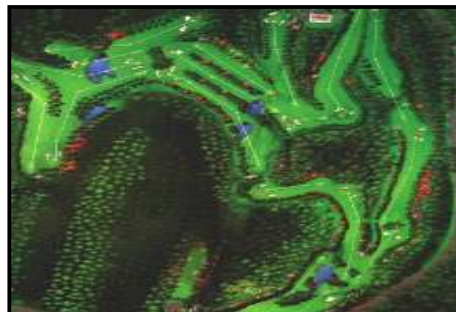
Since 1972, TCI's multi-disciplinary staff of engineers, scientists, managers, and economists have provided comprehensive services including solid waste management studies; design of water supply and sewerage systems; detailed engineering designs; feasibility studies; undertaking environmental impact assessment studies; design of water pollution control facilities; design of air, odor and noise pollution control devices; project management; construction supervision; plant start-up and commissioning; training; consultation and evaluation.



In 1988, Japan Environmental Company, Ltd. (JEC) joined TCI through acquisition of TCI's stock. JEC was established on 01 October 1976 in Tokyo, Japan. The firm provides consulting services relating to: the design of water supply facilities; water pollution control and sewerage facilities; solid waste management, including nightsoil treatment; and flood control and stormwater disposal system. Complementary to these services, JEC provides engineering work on water and wastewater treatment and disposal system; on pollution control, using computer-aided design, and drafting systems; and environmental impact assessment studies.

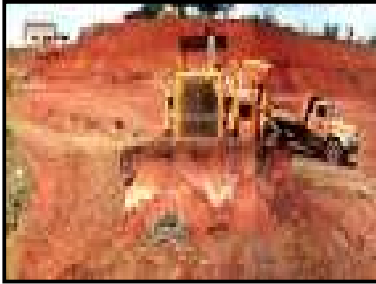


The association makes available the expertise of over 150 specialists in various field of engineering including computer technology. Both TEST Consultants, Inc. and JEC individually have earned a solid stature as consulting firm gaining in the process the confidence and patronage of hundreds of clients. The joining of JEC to TCI has molded indeed a very strong and capable team to render various engineering services.

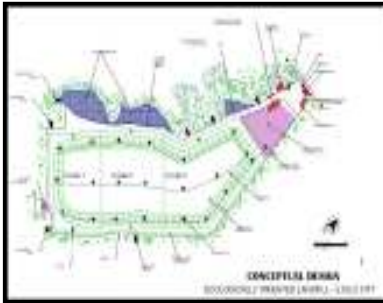


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## AREAS OF EXPERTISE AND SCOPE SERVICES



TCI offers services which cover the entire spectrum of the engineering field. These include the various stages of project development and implementation, conduct of field surveys, preparation and packaging of project concepts, preparation of master plans, preparation of preliminary and detailed feasibility studies, preparation of engineering studies, preparation of preliminary and detailed designs, preparation of cost estimates, assistance to clients in tendering of contracts, project and construction management.



The services provided by TCI are mostly in two areas: one, in environmental and water resources engineering and related sciences; and two, infrastructural/utilities and industrial plant engineering and design. Other areas include operations research, systems analysis and design, energy conservation studies, project feasibility studies, process and product development, and construction management and engineering services.



In environmental and water resources engineering, areas of special expertise include water resources planning; water quality studies; design of wastewater treatment plants; design of water supply, sewerage and sanitation systems including treatment; design of air, odor and noise pollution control systems; solid waste management studies; and environmental impact assessment studies.

As an environmental engineering firm, TCI is fully equipped to provide comprehensive consulting services in solid wastes management. Some of the major projects on solid wastes management undertaken by TCI are the comprehensive studies necessary for the preparation of the solid wastes management master plans.

TCI's scope of services in this field includes feasibility study and master planning, detailed engineering design and project management, construction supervision, data collection and evaluation, pilot project conceptualization, evaluation of alternative subsystems, energy recovery study, waste recovery and resource study, facility design, and technical assistance and staff training.

## EXPERIENCE IN SIMILAR AND RELATED PROJECTS

To demonstrate its capability in undertaking the required consulting services, following is a partial list of past and present projects of TCI which are similar in nature to the proposed project.

- **ENVIRONMENTAL IMPACT ASSESSMENT FOR THE COAL-FIRED POWER PLANT PROJECT IN CADIZ CITY** for Asia Pacific Energy Resources Ventures Inc., February-October 2013;
- **RESETTLEMENT ACTION PLAN FOR NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT** for Japan Airport Consultants, Inc., May-June 2011 and April-May 2012
- **FORMULATION OF ENVIRONMENTAL IMPACT ASSESSMENT REPORT STUDY FOR NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT** for Japan Airport Consultants, Inc., May-August 2011
- **FIELD INVESTIGATION FOR ENVIRONMENTAL QUALITY FOR NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT** for Japan Airport Consultants, Inc., July-August 2011;
- **TECHNICAL AUDIT AND EVALUATION OF CAPEX PROGRAMS AND PROJECTS OF MWCI AND MWSI** for Metropolitan Waterworks and Sewerage System, February 2010-April 2011 and January 2013-June 2013 (Extension Contract);
- **COMPREHENSIVE DRAINAGE PLAN PROJECT** for City Government of Tanauan, November 2010 – April 2011;
- **FEASIBILITY STUDY FOR PANGLAO AIRPORT DEVELOPMENT PROJECT** for San Miguel Corporation, Panglao, Bohol, June-October 2010;
- **FEASIBILITY STUDY FOR CORON AIRPORT DEVELOPMENT PROJECT** for San Miguel Corporation, Panglao, Bohol, June-October 2010;
- **FEASIBILITY STUDY FOR BUSUANGA AIRPORT DEVELOPMENT PROJECT** for San Miguel Corporation, Busuanga, Bohol, June-October 2010;
- **WATER DISTRICT DEVELOPMENT SECTOR PROJECT** (TA No. 7122-PHI) in association with Poyry IDP Consult, Inc., April – October 2009;
- **JICA-ECOLOGICAL SOLID WASTE MANAGEMENT PROJECT IN THE THREE CITIES IN THE PHILIPPINES;** Davao City, Sagay City and Calbayog City, December 2007-March 2008 (Phase I); June 2008-March 2009 (Phase II); May 2009-March 2010 (Phase III); and May – September 2010 (Phase IV);
- **SOCIAL PREPARATION, COMMUNITY RELATIONS AND OTHER PRE-RELOCATION AND POST-RELOCATION ACTIVITIES FOR ALL AFFECTED INFORMAL SETTLERS ALONG THE ALIGNMENT OF THE LRT LINE 1 SOUTH EXTENSION PROJECT** for Light Rail Transit Authority in Baclaran, Parañaque City to Bacoor, Cavite, July 2008-December 2009;
- **ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED MRT LINE 7 PROJECT** for Department of Transportation and Communications (DOTC) in Quezon City; Caloocan City; and San Jose Del Monte City, Santa Maria, Bocaue and Balagtas, Province of Bulacan, March-August 2009;
- **INDUSTRIAL POLLUTION CONTROL LOAN PROJECT-PHASE II (IPCLP II)** for Development Bank of the Philippines, 44 SMEs Nationwide, March 2008-January 2009;
- **PROPOSED BULK WATER SUPPLY DEVELOPMENT PROJECT-SOCIO-POLITICAL AND GEO-HAZARD RISK ANALYSIS COMPONENTS** for Subicwater Development Corporation in Zambales, Aug. 2008-Jan. 2009;
- **FEASIBILITY STUDY ON WATER SUPPLY PROJECT FOR THE PROPOSED MACTAN OCEANTOWN.** For Mega World Corp. in Mactan, Cebu, July-September 2007;

- **DETAILED ARCHITECTURAL AND ENGINEERING DESIGN FOR LAGUNA DE BAY INSTITUTIONAL, STRENGTHENING AND COMMUNITY PARTICIPATION (LISCOP) PROJECT.** For Laguna Lake Development Authority (LLDA) in Teresa and Morong, Rizal; Liliw, Siniloan and Sta. Cruz, Laguna; and Silang and Gen. Mariano Alvarez, Cavite, 2006-2007;
- **WORLD BANK'S-LGU URBAN WATER AND SANITATION PROJECT** (DETAILED ENGINEERING DESIGN AND CONSTRUCTION SUPERVISION), in association with C. Lotti & Associati and TCGI Engineers for the WSSPMO of the Department of Interior and Local Government (DILG), through the Development Bank of the Philippines (DBP), September 1999-March 2007;
- **JBIC'S RURAL WATER SUPPLY AND SANITATION PROJECT-PHASE V** (DETAILED DESIGN AND CONSTRUCTION SUPERVISION), WSSPMO-DILG, Provinces of Ilocos Sur, Nueva Vizcaya, Palawan, Occidental and Oriental Mindoro; in association with NJS Consultants and CEST, Inc., March 2001-April 2006;
- **ADB-ASSISTED SMALL TOWNS WATER SUPPLY, SEWERAGE AND SANITATION PROJECT** (DETAILED ENGINEERING DESIGN AND CONSTRUCTION SUPERVISION), in association with C. Lotti & Associati, Renardet and four other Local Consultants under the Local Water Utilities Administration (LWUA), 1998-2005;
- **20TH YEN JBIC (OECF) PROVINCIAL CITIES WATER SUPPLY PROJECT IV** (DETAILED ENGINEERING DESIGN AND CONSTRUCTION SUPERVISION), in association with Binnie and Partners of U.K. (Principal), NISSHIN Engineering, and three other Local Consultants under LWUA, Sept. 1996-Dec. 2005;
- **ENVIRONMENTAL IMPACT ASSESSMENT ADDENDUM (EIAA) FOR SOUTH LUZON TOLLWAYS EXTENSION PROJECT,** For South Luzon Tollways Corp., 2006;
- **EIA STUDY FOR THE PROPOSED 2 x 150 MW COAL-FIRED THERMAL POWER PLANT PROJECT.** For Taiwan Cogenaration Corporation in Subic, Zambales, 2006;
- **EIA STUDY FOR THE PROPOSED 2 x 100 MW COAL-FIRED THERMAL POWER PLANT PROJECT.** For Salcon Power Corporation and KEPCO, Philippines, Corporation in Naga, Cebu, 2004;
- **JBIC'S ENVIRONMENTAL INFRASTRUCTURE SUPPORT CREDIT PROGRAM.** For JBIC and Development Bank of the Philippines (DBP), in association with CEST, Inc., Nationwide, 2003-2006;
- **FEASIBILITY STUDY AND PRELIMINARY ENGINEERING DESIGN OF THE GEDOFREDO P. RAMOS (CATICLAN) AIRPORT DEVELOPMENT PROJECT.** For Provincial Government of Aklan and Department of Transportation and Communication, Malay Aklan, 2005;
- **EIA STUDY FOR THE PROPOSED GEDOFREDO P. RAMOS (CATICLAN) AIRPORT DEVELOPMENT PROJECT.** For Provincial Government of Aklan, Malay, Aklan, 2004;
- **SURVEY FOR THE PLANNING OF RIVER WATER QUALITY MANAGEMENT.** For Japan International Cooperation Agency (JICA), 2005;
- **PROJECT MANAGEMENT AND INSTITUTIONAL IMPROVEMENT IN THE WATER SUPPLY AND SEWERAGE SECTOR IN THE PHILIPPINES – PREPARATORY SURVEY.** For Japan Bank for International Cooperation (JBIC) thru Nippon Koie Co., Ltp., 2004
- **JICA ASSISTED STUDY ON WATER RESOURCES AND DEVELOPMENT FOR METRO MANILA – EIA COMPONENT.** For Japan International Cooperation Agency (JICA) and National Water Resources Board (NWRB), Infanta & Gen. Nakar, Quezon, 2002;

- **WORLD BANK'S SOLID WASTE ECOLOGICAL ENHANCEMENT PROJECT (SWEEP).** For the Department of Environment and Natural Resources (DENR), in association with Environmental Resources Management (ERM), U.K. Cities of Tacloban, Naga and Iloilo, 1997-2000;
- **JBIC-FUNDED PILOT STUDY FOR FORMULATION OF ECOLOGICAL SOLID WASTE MANAGEMENT PLAN FOR SELECTED LGUS IN THE PHILIPPINES,** Butuan City, Agusan del Sur; Muñoz City, Nueva Ecija; Legaspi City, Albay. For the Department of Environment and Natural Resources (DENR) and the National Solid Waste Management Commission (NSWMC), September 2002-January 2003;
- **FEASIBILITY STUDY FOR ILIGAN CITY SANITARY LANDFILL AND WASTEWATER TREATMENT FACILITY PROJECT.** For the City Government of Iligan/TTGI, February 2002;
- **JBIC-ASSISTED SUBIC BAY FREEPORT ENVIRONMENT PROJECT-SITE SELECTION STUDY FOR A NEW SANITARY LANDFILL,** Subic Bay Freeport Zone, Olongapo City for Vector Engineering Inc. (VEI) and Subic Bay Metropolitan Authority (SBMA), April 2000;
- **METROPOLITAN MANILA SOLID WASTE MANAGEMENT PROJECT- RIZAL INTEGRATED WASTE MANAGEMENT PROJECT (Pre-Feasibility Study and Conceptual Design),** Pililia, Rizal. In association with Pro-Environment Consortium, for the Metro Manila Development Authority (MMDA), June 2000;
- **CENSUS AND TAGGING OPERATIONS FOR SOUTHRAIL (PNR RIGHT-OF-WAY),** Calamba, Laguna, 2000;
- **CENSUS AND TAGGING OPERATIONS FOR NORTHRAIL (PNR RIGHT-OF-WAY),** Calookan, Malabon & Valenzuela, M. Mla., 1998-1999
- **HAIPHONG WATER AND ENVIRONMENT PROJECT (SOLID WASTE MANAGEMENT COMPONENT);** Haiphong, People's Republic of Vietnam. In association with Nordic Consulting Group of Norway, 1995;
- **BASILINE ENVIRONMENTAL AND ENGINEERING INVESTIGATIONS FOR THE PROPOSED PAETE WASTE PROCESSING AND DISPOSAL FACILITY,** Paete, Laguna for Waste and Resources Management, Inc. (WARM) in association with FA Pascua Consulting Services; August 1999
- **SWEEP-BASILINE ENVIRONMENTAL AND ENGINEERING INVESTIGATIONS FOR THE PROPOSED ENGINEERED SANITARY LANDFILL,** San Fernando City, La Union for the City of San Fernando/World Bank/Canadian International Development Agency in association with Golder Associates, Ltd. (Canada), March 1999;
- **PRMDP-BASILINE ENVIRONMENTAL AND ENGINEERING INVESTIGATIONS FOR THE PROPOSED SANITARY LANDFILL PROJECTS,** Puerto City, Palawan; Tagbilaran City, Bohol; General Santos City, Sarangani for COWI International A/S/DILG-PRMDP/LGU, February 1998;
- **WORLD BANK'S METRO MANILA SOLID WASTE MANAGEMENT PROJECT DESIGN OF SANITARY LANDFILL,** San Mateo, Rizal and Carmona, Cavite, for the Department of Public Works and Highways (DPWH)/Metro Manila Authority (MMA), April 1993;
- **SOLID WASTE MANAGEMENT STUDY FOR XAVIER UNIVERSITY,** Cagayan de Oro City in association with PKII Engineers for Xavier University Foundation, 1993;
- **ARCHITECTURAL AND ENGINEERING DESIGN OF THE MATERIAL RECOVERY PLANT AND SANITARY LANDFILL FOR OLONGAPO CITY SOLID WASTE MANAGEMENT PROGRAM,** Olongapo City for Ministry of Human Settlements, 1982-1983;
- **SOLID WASTE MANAGEMENT MASTER PLAN FOR SAN PEDRO, BIÑAN AND TANAY,** San Pedro and Biñan, Laguna and Tanay, Rizal for Laguna Lake Development Authority (LLDA), 1983;

- **SOLID WASTE MANAGEMENT MASTER PLAN FOR METRO MANILA AREA**, Metro Manila for Metropolitan Waterworks and Sewerage System (MWSS)/Metro Manila Commission (MMC) in association with Norconsult A/S, Norway; Cal Recovery System, USA; Ecological Science, USA; DCCD Engineering Corporation; Philnor Consultants and Planners, Inc., 1981-1982;
- **SOLID WASTE MANAGEMENT MASTER PLAN FOR THE CITY OF OLONGAPO**, Olongapo City for Ministry of Human Settlements in association with Cal Recovery Systems, Inc., USA, 1981-1983;
- **SOLID WASTE MANAGEMENT MASTER PLAN** for Antipolo, Rizal, National Environmental Protection Council (NEPC), 1982;
- **SOLID WASTE DISPOSAL SYSTEM FOR LUCENA CITY**, Lucena City, Quezon for NEPC, 1980.
- **BORACAY WATER SUPPLY AND SEWERAGE SYSTEM FEASIBILITY STUDY** for Fil Estate and Ayala Land Properties, Boracay Island, Malay, Aklan, 1995;
- **WB-NATIONAL URBAN SEWERAGE AND SANITATION STRATEGY PLAN PROJECT**, Feasibility Studies and Preliminary Design for 5 Urbanized Cities/Municipality in association with Camp Dresser & McKee (CDM), Nippon Koei & PKII Engineers for the DPWH, LWUA, DOH & DILG, 1992-1993.
- **EIA STUDY FOR THE SMOKEY MOUNTAIN RECLAMATION AND DEVELOPMENT PROJECT** of National Housing Authority (NHA), Manila, R-II Builders in association with DF Sandejas and Association, 1993;
- **EIA STUDY FOR THE PROPOSED SEWAGE TREATMENT PLANT FOR MACTAN (CEBU) INTERNATIONAL AIRPORT DEVELOPMENT PROJECT**, in association with NJS Consultants, for Japan Airport Consultants/Mactan International Airport Authority, 1995;
- **JICA-ASSISTED METRO MANILA WATER SUPPLY AND SEWERAGE MASTER PLAN PROJECT**, Metro Manila and Provinces of Bulacan, Cavite and Rizal, in association with NJS Consultants, for the Metropolitan Waterworks and Sewerage System (MWSS), November 1994;
- **WASTEWATER TREATMENT PLANT DESIGN PROJECT FOR NATIONAL STEEL CORPORATION**, Pasig, Metro Manila and Iligan City, Lanao del Norte, August 1986;
- **WASTEWATER SURVEY AND CHARACTERIZATION STUDY AND DESIGN OF 12 WASTEWATER TREATMENT FACILITIES FOR PEPSI COLA PRODUCTS, PHILIPPINES**, Nationwide, September 1986-September 1995;
- **WASTEWATER TREATMENT PLANT DESIGN PROJECT FOR REYNOLDS PHILIPPINES CORPORATION**, Dasmariñas, Cavite, November 1994;
- **EIA STUDY AND WASTEWATER TREATMENT PLANT DESIGN PROJECT FOR DASMARIÑAS PAPER MILLS, INC.**, Dasmariñas, Cavite, December 1994;
- **WASTEWATER TREATMENT PLANT DESIGN PROJECT FOR VMC GROUP OF COMPANIES** (VICTORIAS MILLING CORP.; VICTORIAS CHEMICAL CORP.; AND INSULAR SUGAR REFINING CORP.); Victorias and Manapla, Negros Occidental, and Mandaluyong, Metro Manila, 1976-1979; and
- **WASTEWATER TREATMENT PLANT DESIGN PROJECT FOR ASIA BREWERY, INC.**; Sta. Rosa, Laguna, 1980.

## ORGANIZATIONAL SET-UP

The company has nine members in its Board of Directors and is being managed by officers from among the Board. The Directors for the year 2013-2014 are the following:

ANTONIO U. NAVARRO	MBA, BSEE	<i>Chairman</i>
FILEMON A. URIARTE, JR.	Ph.D., MEng, BSChE	<i>Member</i>
LEOPOLDO V. ABIS	Ph.D., MS, BSME, BSEE	<i>Member</i>
MARILYN M. ALONZO	MBA, BS Economics	<i>Member</i>
MA. MILAGROS F. PADERNAL	MBA, CPA, BSC	<i>Member</i>
RAWLINSON B. DIMAYUGA	MBA, BSCE	<i>Member</i>
CESAR E YÑIGUEZ	BSCE, Dip. Hydrol.	<i>Member</i>
GENEVIEVE P. URIARTE	MEng (Credits), BSChE	<i>Member</i>
MASUOMI HIROYAMA	BSCE	

The officers of the company are the following:

ANTONIO U. NAVARRO	<i>Chairman of the Board</i>
FILEMON A. URIARTE, JR.	<i>Vice-Chairman</i>
MARILYN M. ALONZO	<i>President</i>
CESAR E. YÑIGUEZ	<i>Secretary</i>
MA. MILAGROS F. PADERNAL	<i>Treasurer</i>

At present, the aggregate TCI professional staff numbers more than fifty (50) engineers, scientists and other professionals supported by an adequate number of full-time personnel that render administrative, financial, secretarial, drafting, estimating, and other services.

<b>Name and Title</b>	<b>Degree</b>	<b>Years with Firm</b>	<b>Age</b>
<b>OWNERS/OFFICERS/ DIRECTORS</b>			
1. Filemon A. Uriarte, Jr.	Ph.D., MEng, BSChE	43	66
2. Leopoldo V. Abis	Ph.D., MS, BSME, BSEE	38	78
3. Marilyn M. Alonzo	MBA, BS Economics	3	60
3. Ma. Milagros F. Padernal	MBA, BSC	10	56
4. Cesar E. Yñiguez	BSCE, Diploma in Hydrology	27	65
5. Genevieve P. Uriarte	MEng (Credits), BSChE	43	66
6. Antonio U. Navarro	MBA, BSEE	9	60
7. Rawlinson B. Dimayuga	BSCE	19	62
8. Masaomi Hiroyama	BSCE	19	62
<b>KEY PERSONNEL &amp; CONSULTANTS</b>			
Marilyn A. Alonzo <i>Vice-President</i>	MBA, BS Economics	3	60
Danilo J. Castillon <i>(Consultant/Water Supply Engineer/ SWM Specialist)</i>	BSCE, BSIE	21	66
Renato L. Muñoz <i>(Operations Officer/ Electro-Mech Engineer)</i>	BS Electrical Engineering	36	63
Edna C. Bayan <i>(Project Coordinator/Tech'l Staff)</i>	BS Civil Engineering	17	39
Jonah P. Tabilin	BS Commerce	22	51

<b>Name and Title</b>	<b>Degree</b>	<b>Years with Firm</b>	<b>Age</b>
<i>(Administrative Officer)</i>			
Jose J. Tan <i>(Civil/Water Supply Engineer)</i>	BSCE	12	63
Felix Noel A. Pascua, Jr. <i>(Environmental Specialist)</i>	MS Geography	13	51
Samuel E. Sapuay <i>(Environmental/Infrastructure Specialist)</i>	MSCE, MS Env. Eng'g.	8	50
Alvin B. Culaba <i>(Environmental and Energy Specialist)</i>	Ph.D. Mechanical Engr	4	50
Raymond R. Tan <i>(Clean Technology and Process Technical Specialist)</i>	Ph.D. ME, MSChE, BSChE	4	39
Yolanda M. Mingoa <i>(Environmental Specialist)</i>	MS Environmental Ecology; BS Biology	12	66
Ernesto P. Sonido <i>(Geologist/Mining Specialist)</i>	Ph.D Geophysics, BSEM	21	86
Jose Reinerio Federizon, Jr. <i>(Geologist)</i>	MS Geotechnical Eng'r MS Eng'r Geology; BSCE; BSG	6	49
Antonio R. De Vera <i>(Institutional/Training Expert)</i>	MBA, BSCE	12	64
Nelson G. Jose <i>(Institutional/Financial Specialist)</i>	AB Economics	14	56
Elizabeth M. Verzola <i>(Economist/Financial Specialist)</i>	MBA, AB Economics, BSIE	11	55
Imelda I. Valeroso <i>(Meteorologist/Environmental Specialist)</i>	MS Metereology; BS Chem	11	63
Michael V. Tomeldan <i>(Architect/Land Use Planner)</i>	Dipl., Urban Planning and Mgmt; MA URP; BS Arch	14	51
Bienvenido S. Sevilla <i>(Civil/Sanitary/Wastewater Engineer)</i>	M.S. Environmental Eng'g; BSCE, BSEnSE	10	63
Rene R. Flordeliz <i>(Civil/Sanitary Engineer)</i>	BSCE, BSSE	16	55
Renato C. Pineda <i>(Hydrogeologist/Sanitary Engineer)</i>	BSCE, BSSE	11	60
Elmer L. Angcaya <i>(Water Resources Engineer)</i>	BSCE	8	46
Wilfredo Pizzaro <i>(Structural/Const. Mgmt. Specialist)</i>	BSCE	10	58
John Andrew O. King <i>(Structural/Civil Engineer)</i>	BSCE, MS Const. Mgmt.	16	52

<b>Name and Title</b>	<b>Degree</b>	<b>Years with Firm</b>	<b>Age</b>
Isagani C. Malabanan <i>(Civil/Sanitary/Resident Engineer)</i>	BSCE; BSSE	6	58
Johnie G. Allarde <i>(Civil/Resident Engineer)</i>	BSCE	14	49
Jesusa B. Mallare <i>(Civil/Cost Engineer)</i>	BSCE, MBA (units only)	14	48
Rolando T. Soncuya <i>(Socio-Economic Consultant)</i>	Bachelor of Laws; AB Sociology	12	59
Erlinda G. Isla <i>(Sociologist/Community Dev't Specialist)</i>	BS Sociologist	8	63
Arnold G. Costales <i>(Sanitary and Drainage Engineer)</i>	MS in Civil Engineering - Structural; BS in Civil Engineering; BS in Sanitary Engineering	12	64
Armando N. Alli <i>(Environmental Planner (RLEnP) and Architect (RLA))</i>	MA in Urban and Regional Planning; BS in Architecture	21	53
Oscar F. Molina <i>(Architect)</i>	MA in Urban and Regional Planning; BS in Architecture	21	52
Darvin G. Yambao <i>(Civil/Airport Engineer)</i>	BS in Civil Engineering	2	54
Eric M. Dela Paz <i>(Geodetic Engineer)</i>	MS in Environmental Engineering; BS in Geodetic Engineering	14	45
Maria Amie F. Albano <i>(Specification/Cost Engineer)</i>	BS in Civil Engineering	2	45
Victoria A. Corpuz <i>(Transport Planner/Economist)</i>	PhD in Urban and Regional Planning; MA in Urban and Regional Planning; BS in Civil Engineering; BS Statistics	2	62
Felix Fiedni P. Fontamillas <i>(Financial Analyst)</i>	BS in Commerce major in Accounting	2	43
Marcial T. Ocampo <i>(Energy Expert/Economist)</i>	MS in Chemical Engineering; MS in Combustion and Energy; BS in Chemical Engineering	2	61