

**Revalidated 2011-2016 Public Investment Program
Annex B3: List of Pre-Investment Studies and Technical Assistance**

| Pre-Investment Study / Technical Assistance (TA) | Implementing Agency | Description | Cost of Study/TA In Thousand Pesos (PhP '000) | Target Completion Date of Study (Month, Year) |
|---|----------------------------|---------------------|--|--|
| Chapter 3: Competitive and innovative industry and services sectors | | | | |
| Renovation of the Packaging Technology Division Bldg. | DOST-ITDI | no information (NI) | 1,400.00 | 2014 |
| Repair and Renovation of the Chemicals and Energy Division Building and Laboratories | DOST-ITDI | NI | 2,400.00 | 2014 |
| Establishment of Specialized Laboratories: Processing Plant for Nanoclay Production | DOST-ITDI | NI | 6,000.00 | 2015 |
| Establishment of Specialized Laboratories: Special Materials Pilot Processing Laboratory | DOST-ITDI | NI | 5,000.00 | 2015 |
| Establishment of Specialized Laboratories: Surface Engineering Processing & Testing Laboratory | DOST-ITDI | NI | 4,000.00 | 2015 |
| Renovation/Upgrading of the Standards and Testing Division | DOST-ITDI | NI | 1,500.00 | 2014 |
| Repair/Renovation/ Maintenance of ITDI Buildings and Facilities | DOST-ITDI | NI | 6,300.00 | 2014 |
| Repair/Renovation of IPCT Building | DOST-ITDI | NI | 500.00 | 2013 |
| Repair/Renovation of the Materials Science Building for Upgrading of Laboratory Rooms | DOST-ITDI | NI | 1,000.00 | 2013 |
| Establishment of Metrology in Chemistry Infrastructure in the Philippines | DOST-ITDI | NI | 200.00 | 2013 |
| Repair/Renovation of the Food Processing Plant & Laboratories | DOST-ITDI | NI | 2,400.00 | 2014 |
| Preparing Plans for an Ion Beam Accelerator Facility for Research, Training, Education & Applications in Nuclear Science and Technology | DOST-PNRI | NI | 4,159.37 | 2013 |
| Establishment of an Ion Beam Accelerator Facility for Research, Training, Education & Applications in Nuclear Science and Technology | DOST-PNRI | NI | 150,000.00 | 2018 |
| Using E-beam Technology for Industrial, Environmental and Agricultural Applications | DOST-PNRI | NI | 9,428.43 | 2013 |
| Assessing the Development of Nuclear Power Programme | DOST-PNRI | NI | 12,248.73 | 2013 |
| Building Capacity for the Preparation and Quality Control of Radiopharmaceuticals for Enhanced Nuclear Medicine Applications | DOST-PNRI | NI | 14,498.82 | 2013 |
| Independent Regulatory Authority | DOST-PNRI | NI | 9,747.87 | 2017 |
| Strengthening the Capability of the Philippines to Face Radiation Emergencies | DOST-PNRI | NI | 9,936.00 | 2016 |
| Isotope Techniques for Increasing Effectiveness in Water Assessment and Management | DOST-PNRI | NI | 4,956.00 | 2015 |
| Enhancing the Safety and Throughput of the PNRI Gamma Irradiation Facility Through Full Automation | DOST-PNRI | NI | 4,056.00 | 2015 |
| Establishment of Industrial Radioisotope Techniques Center | DOST-PNRI | NI | 5,556.00 | 2015 |

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| Iteration of Design and Safety Assessment of the Proposed Deep Borehole and Near Surface Disposal Facilities | DOST-PNRI | NI | 8,880.00 | 2015 |
| Establishment of a Deep Borehole and Near Surface Disposal Facility in the Philippines | DOST-PNRI | NI | 100,000.00 | 2018 |
| Extraction of Uranium, Rare Earth Elements and Other Useful Commodities from Phosphoric Acid | DOST-PNRI | NI | 6,744.00 | 2015 |
| Global Threat Reduction Initiative | DOST-PNRI | NI | 1,092.90 | 2013 |
| Siting Studies for Nuclear Power Program | DOST-PNRI | NI | 5,000.00 | 2018 |
| Improving the Legal Framework for Nuclear Safety and Strengthening the Capabilities of the Regulatory Authority of the Philippines and its TSO | DOST-PNRI | NI | 90,000.00 | 2013 |
| Tracer Study of DOST-Scholar Graduates | DOST-SEI | NI | 2,149.00 | Continuing |
| Human Resources in S&T (HRST) in the Phils. | DOST-SEI | NI | 764.00 | Continuing |
| Migration of S&T Human Resources | DOST-SEI | NI | 1,146.00 | Continuing |
| Philippine Facts and Figures: S&T HR Indicators | DOST-SEI | NI | 1,099.00 | Continuing |
| Policy Researches on the DOST-SEI Scholarship Programs | DOST-SEI | NI | 100.00 | Continuing |
| Evaluation of the Effectiveness of Mathematics Modules for Intermediate Grade Schools (in collaboration with DLSU) | DOST-SEI | NI | 765.00 | December, 2014 |
| Chapter 10: Accelerating Infrastructure Development | | | | |
| Feasibility Study for the Development of an Intelligent Transport System for Metro Manila | MMDA | Conduct a thorough study to identify the overall implementation of the strategy, enabling environment, possible service, initiatives requirements and short-medium term investment for the road network. | 12,500.00 | January 2014 |
| Feasibility Study for the Development and operation of MMDA-owned sanitary landfill (SLF) for LGUs South of Metro Manila | MMDA | Conduct a full blown Feasibility Study for the Development and operation of MMDA-owned sanitary landfill (SLF) for LGUs South of Metro Manila as well as the preparation of engineering design and scoping. | for fund sourcing | December 2014 |
| Central Spine RoRo | DOTC | Construction of an integrated transport system combining Roll-on, Roll-off (Ro-Ro) ferry network and services with matching road system | 12,336.00 | NI |
| Davao Sasa Wharf Development Project | DOTC | Improvement and rehabilitation of the existing Sasa Wharf in Davao | 25,000.00 | July 2013 |
| Laguindingan Airport Development Project | DOTC | Construction of a new airport in Laguindingan, Misamis Oriental to serve as the northern gateway to Mindanao | 36,986.00 | June 2013 |
| Integrated Luzon Railway Project | DOTC | Rehabilitation and extension of the existing PNR south rail system to accommodate passenger and cargo traffic | 79,774.00 | December 2013 |

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| Manila-Makati-Pasay-Taguig Mass Transit System | DOTC | Pre-Feasibility study for a mass transit system which will connect the Bonifacio Global City, Makati Business District, Cultural Center of the Philippines and the Manila bay area. | 60,000.00 | October 2013 |
| Integrated Transport System | DOTC | Establishment of three intermodal terminals along the outskirts of Metro Manila (one in the North and two in the South) | 86,668.00 | South (May 2013) North (August 2013) |
| Manila Bay-Pasig River-Laguna Lake Ferry System | DOTC | Development of an integrated ferry system that would traverse Manila Bay, Pasig/Marikina Rivers, and Laguna Lake that will provide an efficient alternative mode of public transport | 17,219.00 | August 2013 |
| <i>Surigao Airport</i> | DOTC | <i>Feasibility and Master Plan Study</i> | <i>6,960.00</i> | <i>August 2013</i> |
| <i>Cataman Airport</i> | DOTC | <i>Feasibility and Master Plan Study</i> | <i>5,327.00</i> | <i>August 2013</i> |
| <i>Baqabag Airport</i> | DOTC | <i>Feasibility and Master Plan Study</i> | <i>6,498.00</i> | <i>August 2013</i> |
| <i>Calbayog Airport</i> | DOTC | <i>Feasibility and Master Plan Study</i> | <i>6,862.00</i> | <i>August 2013</i> |
| <i>Bukidnon Airport</i> | DOTC | <i>Feasibility and Master Plan Study</i> | <i>7,572.00</i> | <i>August 2013</i> |
| <i>Dumaquete Airport</i> | DOTC | <i>Feasibility and Master Plan Study</i> | <i>8,456.00</i> | <i>August 2013</i> |
| <i>San Jose (Camsur) Airport</i> | DOTC | <i>Feasibility and Master Plan Study</i> | <i>5,184.00</i> | <i>August 2013</i> |
| <i>Naga Airport</i> | DOTC | <i>Feasibility and Master Plan Study</i> | <i>6,988.00</i> | <i>August 2013</i> |

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| <i>General Santos Aerotropolis</i> | DOTC | Feasibility and Master Plan Study | 7,620.00 | August 2013 |
| <i>Ozamis Airport</i> | DOTC | Feasibility and Master Plan Study | to be determined (TBD) | NI |
| <i>Laoag Airport</i> | DOTC | Feasibility and Master Plan Study | TBD | NI |
| <i>Sargao Airport</i> | DOTC | Feasibility and Master Plan Study | TBD | NI |
| <i>Masbate Airport</i> | DOTC | Feasibility and Master Plan Study | NI | NI |
| <i>Virac Airport</i> | DOTC | Feasibility and Master Plan Study | NI | NI |
| <i>Tuquegarao Airport</i> | DOTC | Feasibility and Master Plan Study | NI | NI |
| <i>Allah Valley Airport</i> | DOTC | Feasibility and Master Plan Study | NI | NI |
| <i>Tandag Airport</i> | DOTC | Feasibility and Master Plan Study | NI | NI |
| <i>Busuanga Airport</i> | DOTC | Feasibility and Master Plan Study | NI | NI |
| NAIA Runway Capacity | DOTC | Improvement of current NAIA runway capacity. | TBD | TBD |
| Laguindingan Maritime Incidence Response Base in Northern Mindanao | DOTC | Feasibility Study | 16,259.00 | NI |
| PCG Support Base in Visayas Region | DOTC | Feasibility Study | 14,229.60 | NI |
| Development of Social Reform Support Ports in Isolated Areas | DOTC | Feasibility Study | 23,984.10 | NI |
| Acquisition of 4 25-M & 1 82-M French Vessels | DOTC | Feasibility Study | NI | NI |
| NAIA T5 LCC | DOTC | Feasibility Study | NI | NI |
| Metro Manila Subway Line 1 | DOTC | Feasibility Study | NI | NI |
| Manila-Malolos Commuter Line | DOTC | Feasibility Study | NI | NI |
| Full Feasibility Study for the Budget/Low Cost Carrier (LCC) Terminal at Clark International Airport | DOTC-CIAC | The Feasibility Study covers the Preliminary Minimum Performance Standards and specifications (MPSS) for design, construction and operation of the project, airport terminal facility requirements, preliminary drawings/layout and cost estimates, preliminary financial and economic analysis, proposed PPP Scheme and Financing Options, Air Traffic Demand Projections, engineering surveys, legal analysis, environmental and social assessment. | 170,000 (estimated cost) | 4th quarter 2013 |
| Selected Ports for the Port District of Southern Luzon (San Juan, Batangas; Bauan, Batangas, Bulan, Sorsogon; Calapan, Oriental Mindoro; Balanacan, Marinduque; Coron, Palawan; Culio, Palawan; El Nido, Palawan; Dumaran, Palawan; Mandaon, Masbate) | DOTC-PPA | Consultancy Services for the Conduct of Feasibility Studies and Formulation of Master Plans | 14,841.30 | NI |
| Priority Ports for Development for the Port District of Visayas (Cabugao, Roxas, Capiz; Caticlan, Aklan; Alegria, Buruanga, Aklan; Guihulngan, Negros Oriental; Guadalupe, Southern Leyte; Guimbal, Iloilo; Barotac, Nuevo, Iloilo; Jordan, Guimaras Island; Basiao, Ivisan, Capiz; Siquijor, Siquijor) | DOTC-PPA | Consultancy Services for the Conduct of Feasibility Studies and Formulation of Master Plans | 16,942.20 | NI |

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| Selected Ports for the Port District of Southern Mindanao (Panabo City, Davao del Norte; San Isidro Port, Davao del Norte; Marita, Davao del Sur; Balangonan/Cabaran, Jose Abad Santos, Davao del Sur; Taguilon, Dapitan City, Davao del Norte; Sirawai, Zamboanga del Norte; Tukuran, Zamboanga del Sur; Alicia, Zamboanga del Sur) | DOTC-PPA | Consultancy Services for the Conduct of Feasibility Studies and Formulation of Master Plans | 20,000.00 | NI |
| Consultancy Services for the Study on the Utilization of Batangas Port | DOTC-PPA | Consultancy Services for the Conduct of Feasibility Studies and Formulation of Master Plans | 20,000.00 | NI |
| Publi-Private Partnership (PPP) Programs (General Santos, Zamboanga) | DOTC-PPA | Consultancy Services for the Conduct of Feasibility Studies and Formulation of Master Plans (PPP Implementation) | 20,000.00 | NI |
| Selected Ports for the Port District of Northern Luzon (Maconacon Port, Isabela; Dinapigui Port, Isabela; Dilasag Port, Aurora; Iba, Zambales; Limay; Basco, Batanes; Curimao; Salomague; Capinpin; Dingalan) | DOTC-PPA | Consultancy Services for the Conduct of Feasibility Studies and Formulation of Master Plans (PPP Implementation) | 20,000.00 | NI |
| Selected Ports for the Port District of Southern Luzon (Cuyo Port, Palawan; Poctoy Port, Odiongan, Romblon; Nasugbu Port, Batangas; Tandoc Port, Camarines Sur; Siruma Port, Camarines Sur; Caramoan Port, Camarines Sur; Nato Sagnay Port, Camarines Sur; Castilla Port, Sorsogon; Barcelona, Sorsogon; Uson Port, Albay) | DOTC-PPA | Consultancy Services for the Conduct of Feasibility Studies and Formulation of Master Plans (PPP Implementation) | 20,000.00 | NI |
| Selected Ports for the Port District of Southern Luzon (San Pablo Port, Albay; Tanagan Port, Albay; Cabasan Port, Albay; Tambongan Port, Albay; Cagbulacao Port, Albay; Bacacay Port, Albay; Sto. Domingo Port, Albay; San Jose Panganiban, Legazpi; Calatagan, Batangas; Lobo, Batangas) | DOTC-PPA | Consultancy Services for the Conduct of Feasibility Studies and Formulation of Master Plans (PPP Implementation) | 20,000.00 | NI |
| Selected Ports for the Port District of Visayas (San Juan Port, Cabalian; Biri Port, Leyte; Paninirongan Port, Pambujan, Northern Samar; Victorias Port, Negros Occidental; Pitogo Port, Bohol; Padre Burgos Port, Northern Leyte; Estancia Port, Iloilo; Tagbilaran; Dumaguete; Culasi Port) | DOTC-PPA | Consultancy Services for the Conduct of Feasibility Studies and Formulation of Master Plans (PPP Implementation) | 20,000.00 | NI |
| Selected Ports for the Port District of Northern And Southern Mindanao (Del Carmen Port, Surigao; Dapa Port, Surigao; Butuan Port, Butuan; Caluya Port, Sapang Dalaga; Taguilon Port, Dapitan City, Zamboanga del Norte; Tagitik, Maranding, Lanao del Norte; San Isidro Port, Davao del Norte; Sirawai Port, Zamboanga del Norte; Buli-Buli Port, Basilan; Isabela, Basilan) | DOTC-PPA | Consultancy Services for the Conduct of Feasibility Studies and Formulation of Master Plans (PPP Implementation) | 20,000.00 | NI |