

Table I.4

**PUBLIC-PRIVATE PARTNERSHIP PROGRAM
SUMMARY LIST OF PPP PROJECTS**

PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
I. PROJECTS UNDER IMPLEMENTATION			
A. AWARDED PROJECTS			
1	Daang Hari-SLEX Link Road Project Construction of a new 4-kilometer 4-lane toll road, from the junction of Daang Reyna and DaangHari in Las Piñas/Bacoor, Cavite to SLEX through the Susana Heights Interchange in Muntinlupa, traversing the New Bilibid Prison (NBP) Reservation. The proposed link-road will use the Susana Heights Interchange as exit and entry from north and south of SLEX and will include the construction of a new bridge/widening of the existing bridge crossing SLEX as well as the expansion of the Susana Heights toll plaza.	DPWH	PHP 2.01 (USD 0.04467)
2	PPP for School Infrastructure Project (PSIP) Phase I The project will involve the design, financing and construction of about 9,303 one-storey and two-storey classrooms, including furniture and fixtures, in various sites in Region I, III and IV-A. The project aims to supplement the current program of the Department of Education in reducing classroom backlog.	DEPED	PHP 16.43 (USD 0.36511)
3	NAIA Expressway (Phase II) Project The project is a 4-lane, 7.75 km elevated expressway and 2.22 km at-grade feeder road that will provide access to NAIA Terminals I, II and III, and link the Skyway and the Manila-Cavite Toll Expressway. It starts at the existing Skyway then follows the existing road alignments over Sales Avenue, Andrews Avenue, Domestic Road, and NAIA Road, and has entry/exit ramps at Roxas Boulevard, Macapagal Boulevard, and PAGCOR City. The project involves: a) construction of Phase II; b) construction of at-grade feeder roads leading to/from PAGCOR Entertainment City; and c) operation and maintenance of the expressway.	DPWH	PHP 15.86 (USD 0.35249)
4	PPP for School Infrastructure Project (PSIP) Phase II The PSIP Phase II involves the designing, financing, and constructing of 4,370 one-storey, two-storey, three-storey and four-storey classrooms, including furniture, fixtures, and toilets in 1,895 public schools in 6 regions (Regions I, II, III, X, CAR, and CARAGA).	DEPED	PHP 3.86 (USD 0.08582)
5	Modernization of the Philippine Orthopedic Center (MPOC) Project The project involves the construction of a 700-bed capacity super-specialty tertiary orthopedic hospital to be located within the National Kidney and Transplant Institute (NKT) Compound along East Avenue, Quezon City. The concessionaire will design, build, finance, operate and maintain the facility until the end of the concession period, and then transfer the hospital to the DOH.	DOH	PHP 8.69 (USD 0.19311)
6	Automatic Fare Collection System (AFCS) Project The project involves the decommissioning of the old-magnetic-based ticketing system and replacing the same with contactless-based smart card technology on LRT Line 1 and 2 and MRT Line 3, with the introduction of a centralized back office that will perform apportionment of revenues. The private sector will operate and maintain the fare collection system.	DOTC	PHP 1.72 (USD 0.03822)

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PROJECT TITLE		BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
7	Mactan-Cebu International Airport (MCIA) Passenger Terminal Building Project	The project involves the construction of a new world-class passenger terminal building in MCIA, with a capacity of about 8 million passengers per year; and the operation of the old and new facilities. The construction of a new world-class passenger terminal, including all related facilities, is proposed to separately cater to domestic and international operations.	DOTC	PHP 17.52 (USD 0.38933)
8	LRT Line 1 Cavite Extension and O&M Project	The current LRT Line 1 will be extended starting from its existing Baclaran Station to the future Niyog Station in Bacoor, Cavite which is approximately 11.7 kilometers. Of this length, 10.5 kilometers will be elevated and 1.2 kilometers will be at-grade. The whole stretch of the integrated LRT 1 will have a total length of approximately 32.4 kilometers and will be operated and maintained by the private proponent. The private partner will undertake the design, construction, and financing of the Cavite Extension as well as the operation and maintenance of the integrated system upon completion of the project. The concessionaire will also undertake future system maintenance and upgrades as well as permitted commercial development.	DOTC	PHP 64.90 (USD 1.44222)
9	Southwest Integrated Transport System (ITS) Project	The Southwest Terminal of the Integrated Transport System (ITS) project will be constructed within a site area of 4.59 hectares. It will connect passengers coming from the Cavite side to other transport systems such as the future LRT Line 1 South Extension, city bus, taxi, and other public utility vehicles that are serving inner Metro Manila. The project will include passenger terminal buildings, arrival and departure bays, public information systems, ticketing and baggage handling facilities, and park-ride facilities. The private partner will undertake the design, construction, and financing of the ITS terminal as well as the operation and maintenance of the whole facility. It can also undertake commercial development and collect revenues generated from the same.	DOTC	PHP 2.50 (USD 0.05556)
10	Cavite Laguna Expressway (CALAx) Project	The provinces of Cavite and Laguna are growing industrial and commercial centers in the Southern Tagalog Region. This, however, is causing traffic congestion in major road networks in the area particularly the Governor's Drive, Aguinaldo Highway, and Sta. Rosa-Tagaytay Road. The proposed expressway project aims to provide faster, safer, more comfortable and reliable route between Bacoor and Kawit, Cavite areas, and the Laguna and South Luzon Expressway (SLEX) areas; thus enhancing trade and socio-economic activities around them. The Cavite-Laguna Expressway (CALAX) involves the financing, design and construction, operation and maintenance of the entire 4-lane, 44.63 km closed-system tolled expressway connecting CAVITEX and SLEX. The Project will start from the CAVITEX in Kawit, Cavite and end at the SLEX-Mamplasan Interchange in Biñan, Laguna. The Project will have interchanges in 9 locations, namely: Kawit, Daang Hari, Governor's Drive, Aguinaldo Highway, Silang, Sta. Rosa-Tagaytay, Laguna Blvd., Technopark, and a Toll Barrier before SLEX.	DPWH	PHP 55.53 (USD 1.23389)
B. OTHER PROJECTS UNDER IMPLEMENTATION				
1	Metro Manila Skyway (MMS) Stage 3 Project	The project is a 14.2 km. 6-lane elevated toll road that is intended to connect South Luzon Expressway (SLEX) at Alabang to Balintawak before North Luzon Expressway (NLEX) through Central Metro Manila Area by using predominantly median of Quirino, G. Araneta and A. Bonifacio road networks.	TRB	PHP 26.66 (USD 0.59244)

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PROJECT TITLE		BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
2	MRT Line 7 Project	The project involves the financing, design, construction, operation & maintenance of the 23-kilometer elevated railway line with 14 stations from San Jose Del Monte, Bulacan to MRT 3 North Avenue in Quezon City and the 22-kilometer asphalt road from Bocaue Interchange of the North Luzon Expressway (NLEX) to the intermodal terminal in Tala. The road component will divert northern provincial buses operation to San Jose Del Monte, thereby decongesting EDSA.	DOTC	PHP 69.30 (USD 1.54000)
II. PPP PIPELINE				
A. PROJECTS UNDER PROCUREMENT				
1	Integrated Transport System--South Terminal Project	The South Terminal of the Integrated Transport System (ITS) project will be constructed within a site area of 4.7 hectares. It will connect passengers coming from the Laguna/Batangas side to other transport systems such as the future North-South Commuter Railway project (currently the Philippine National Railways), city bus, taxi, and other public utility vehicles that are serving inner Metro Manila. The project will include passenger terminal buildings, arrival and departure bays, public information systems, ticketing and baggage handling facilities, and park-ride facilities. The private partner will undertake the design, construction, and financing of the ITS South Terminal as well as the operation and maintenance of the whole facility. The concessionaire can also undertake commercial development and collect revenues generated from the same.	DOTC	PHP 4.00 (USD 0.08889)
2	Bulacan Bulk Water Supply Project	The project will provide treated bulk water to the various water districts (WDs) of Bulacan to help meet the increasing water demand of its consumers, expand its current service area coverage and increase the households served. The private partner will undertake the financing, detailed design and construction, and maintenance of conveyance facilities, treatment facilities and water source. The project will include the construction of various components, such as: a) Water Source/s; b) Aqueduct Interconnection, Intake and Lift Station for raw water abstraction; c) Water Treatment Plant complete with support buildings and structures, treated water reservoir, including Sludge Treatment Facility; d) Raw and Treated Water conveyance facilities complete with necessary appurtenances; e) Facilities for interconnection with the WDs; f) Bridge, Culvert, and River Crossings; g) SCADA system; h) Booster Pump Stations; i) Security Perimeter Fencing; j) Inventory of Materials and Vehicles; and k) Access Road and Pipe Bridge Support.	MWSS	PHP 24.40 (USD 0.54222)

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PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)	
3	Operation & Maintenance of LRT Line 2 Project	<p>The LRT Line 2 Operation and Maintenance Project will infuse private sector efficiencies into the operations of the LRT Line 2 to provide better service levels to the riding public.</p> <p>The private partner will undertake the operation and maintenance of the existing LRT Line 2, the 4.14 kilometer East Extension, and any other future extensions implemented by the Government during the project's term.</p>	DOTC	No Capex
4	Laguna Lakeshore Expressway Dike Project	<p>The project will provide a high standard highway with a dike that will ease traffic flow and mitigate flooding in the western coastal communities along the Laguna Lake. The highway will run from Taguig in Metro Manila through the towns of Calamba to the Los Banos-Bay boundary in Laguna.</p> <p>The private partner will finance, design, construct, operate, and maintain the 47-kilometer flood control dike with a six (6) lane expressway toll road on top. It will also include the construction of interchanges, bridges, floodgates, and pumps, from Taguig to Los Banos. The private proponent will also undertake the reclamation of 700 hectares located west of and abutting the expressway-dike and separated from the shoreline by a 100-150-meter channel, in Taguig and Muntinlupa.</p>	DPWH	PHP 122.80 (USD 2.72889)
5	Regional Prison Facilities through PPP Project	<p>The Regional Prison Facilities through PPP project is the first of its kind in the country. The project will entail the construction and maintenance of a modern prison facility in Fort Magsaysay, Nueva Ecija. Through the project a suitable prison facility will be created to provide adequate living spaces, facilities, and address the basic needs of inmates incarcerated in the existing penal facilities such as the New Bilibid Prison (NBP) and the Correctional Institution for Women (CIW).</p> <p>The proposed facility can accommodate 26,880 inmates, including staff housing and administrative buildings, areas for rehabilitation (sports, work and religious activity), and will be installed with high security equipment.</p> <p>The private partner will be responsible for the financing, detailed design and construction, and maintenance of the prison facility. A number of supporting accommodation and building-related services may be outsourced as part of the PPP agreement, such as laundry, waste treatment and disposal, sewage water treatment and power generation.</p>	DOJ	PHP 50.18 (USD 1.11511)

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PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
6 New Centennial Water Source-Kaliwa Dam Project	<p>The New Centennial Water Source (NCWS) – Kaliwa Dam Project involves the financing, design, and construction of an additional raw water supply source with a design capacity of 600 MLD, through the commissioning of the Kaliwa Dam, including intake facilities and other pertinent facilities. Also part of the project is a water conveyance system with a design capacity of 2,400 MLD, in anticipation of additional inflows from Laiban Dam which is upstream of the Kaliwa Dam.</p> <p>The private partner will be responsible for the financing, detailed design and construction of the Kaliwa Dam, the intake facilities, other pertinent facilities and a water conveyance tunnel. Bidding will be conducted through a build-and-transfer scheme with fixed annual amortization over 25 years as bidding parameter.</p>	MWSS	<p>PHP 18.72 (USD 0.41609)</p>
7 New Bohol (Panglao) Airport Operations, Maintenance & Development Project	<p>The project involves the operation and maintenance of the New Bohol airport that will replace the existing Tagbilaran Airport. The New Bohol Airport will be built by the Department of Transportation and Communications through the technical and financial assistance of the Japan International Cooperation Authority (JICA).</p> <p>The private partner will undertake the operation and maintenance of the airport, provide additional facilities and other necessary improvements to enhance passenger safety, security, access, passenger and cargo movement efficiency, and operational efficiency as well as actively market the airport in order to develop direct international passenger traffic and diversify revenue sources.</p> <p>The private partner will also provide the necessary capital investments to upgrade the capacity of the airport facility in terms of passengers, freight and Air Traffic Movement (ATM) within the timeframe set in the concession agreement.</p>	DOTC	<p>PHP 2.34 (USD 0.05200)</p>

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PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
8 Laguindingan Airport Operations, Maintenance & Development Project	<p>The Laguindingan Airport is approximately 45 kilometers southwest of Cagayan de Oro City and approximately 65 kilometers from Iligan City. It currently serves as the main airport to the cities of Northern Mindanao such as Iligan City, Cagayan De Oro, Misamis Oriental, and Lanao del Sur. The project is located in Barangay Moog, Municipality of Laguindingan, Misamis Oriental in Northern Mindanao (Region X).</p> <p>The private partner will undertake the operation and maintenance of the Laguindingan Airport and develop its associated infrastructure and facilities, and install all required equipment to meet applicable international standards. These will include:</p> <ul style="list-style-type: none"> a. Expansion/construction of new passenger terminal(s), along with all associated infrastructure and facilities as per applicable standards; b. Operation and maintenance of the passenger terminals (new and existing) during the entire concession period; c. Development of airside facilities, including, among others, the apron, runway and taxiway; and d. Enhancement/development of airside facilities to meet the enhanced scale of operations at the airport over the required duration. 	DOTC	PHP 14.62 (USD 0.32489)
9 Davao Airport Operations, Maintenance & Development Project	<p>Davao Airport, also known as the Francisco Bangoy (Davao) International Airport, is located in Davao City, the capital of Davao region (Region IX). The project aims to decongest the airport which is currently operating beyond its capacity. It is in fact, the third busiest airport in the Philippines.</p> <p>The private partner will undertake the operation and maintenance of the airport as well as provide additional facilities and other necessary improvements to enhance passenger safety, security, access, passenger and cargo movement efficiency, and operational efficiency under a defined concession period. The project will include the following in various phases:</p> <ul style="list-style-type: none"> • Passenger terminal building expansion • Cargo terminal building expansion • Expansion of other key facilities such as car parking, and administration bldg. • Passenger terminal building: additional area from 65,000 to 125,000 sq.m. • Cargo terminal building: Additional area from 13,000 to 27,000 sq.m. • Apron Area • Construction of full parallel taxiway 	DOTC	PHP 40.57 (USD 0.90156)

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PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
10 Bacolod Airport Operations, Maintenance & Development Project	<p>Bacolod Airport, also known as Bacolod-Silay Airport, commenced operations in 2008 and it replaced the Bacolod City domestic airport. The airport is located in Silay City, Negros Occidental (Western Visayas Region), and generally caters to traffic for the Negros Island. With around 22% share of the air passenger traffic of Western Visayas, it has a significant share of traffic and the third largest airport in the region. The project will decongest the Bacolod Airport, which is currently operating overcapacity.</p> <p>The private partner will operate and maintain the airport as well as provide additional facilities and other necessary improvements to enhance passenger safety, security, access, passenger and cargo movement efficiency, and operational efficiency under a defined concession period. The project will include the following in various phases:</p> <ul style="list-style-type: none"> • Passenger terminal building expansion • Cargo terminal building expansion • Construction of runway extension • Construction of parallel taxiway • Apron area expansion • Expansion of other key facilities/infrastructure such as rapid exit taxiways, car parking, admin building, and other infrastructure like fuel farms, curbs, etc. 	DOTC	PHP 20.26 (USD 0.45022)
11 Iloilo Airport Operations, Maintenance & Development Project	<p>The New Iloilo Airport, is located in Cabatuan, Province of Iloilo (Western Visayas Region). It is among the top 5 airports in the Philippines in terms of traffic. The project will decongest the Iloilo Airport, which is currently operating overcapacity.</p> <p>The private partner will undertake the operation and maintenance of the airport as well as provide additional facilities and other necessary improvements to enhance passenger safety, security, access, passenger and cargo movement efficiency, and operational efficiency under a defined concession period. The project will include the following in various phases:</p> <ul style="list-style-type: none"> • Passenger terminal building expansion • Cargo terminal building expansion • Expansion of other key facilities such as car parking, and administration building • Construction of full parallel taxiway 	DOTC	PHP 30.40 (USD 0.67556)

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PROJECT TITLE		BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
12	Davao Sasa Port Modernization Project	<p>The Project will involve the development of the existing Davao Sasa Port in Davao City into a modern, international-standard container terminal that will improve trade access to Mindanao and the Philippines by providing a dedicated containerized port in the region. This will in turn support the region's growing agro-industrial sector, spurring economic growth in Mindanao.</p> <p>The private partner will finance the construction and modernization of the existing port including the new apron, linear quay, expansion of the back-up area, container yards, warehouses, and the installation of new equipment like ship-to-shore cranes and rubber-tyred gantry over the pre-agreed concession period. The private partner will also be responsible in operating and maintaining the port.</p>	DOTC	PHP 18.99 (USD 0.42200)
B. PROJECTS FOR ROLL-OUT				
1	NLEx-SLEx Connector Road Project	The project involves the construction and operation and maintenance (O&M) of a 8 km, 4-lane elevated expressway over the Philippine National Railway (PNR) right of way. It starts from C3 Road in Caloocan through Manila crossing Espana towards PUP, Sta. Mesa connecting Metro Manila Skyway Stage 3 (MMSS3). Once completed, the NLEX-SLEX Connector road is expected to decongest traffic in Metro Manila by providing an alternative to C-5 Road, Etipanio de los Santos Avenue (EDSA), and other major thoroughfares, and cut the travel time between NLEX and SLEX to 15-20 minutes which today takes more than an hour.	DPWH	PHP 20.00 (USD 0.44444)
2	North-South Railway Project (South Line)	<p>The North-South Railway Project (NSRP, or "the Project") is part of the Government of the Philippines' (GOP's) efforts to promote inclusive growth. The Project aims to revive the railway to provide improved transport and logistics services to currently underserved areas and encourage more productive activities.</p> <p>The proposed NSRP South Line PPP covers Metro Manila to Legazpi City, Albay, plus a number of existing and proposed branch lines totaling to approximately 653 km. It consists of commuter railway operations between Tutuban and Calamba and long haul railway operations between Tutuban and Legazpi, including extended long haul rail operations on the branch line between Calamba and Batangas and extension between Legazpi and Matnog.</p> <p>The railway between the existing Tutuban station and the city of Calamba, in the Laguna province is a 56 km section of the NSRP and is proposed to have commuter rail operations in addition to long haul rail operations of NSRP. This section represents an existing Philippines National Railway (PNR) right-of-way (ROW) which runs through Metro Manila. Currently, the NSRP has a narrowgauge railway. However, extensive rehabilitation and reconstruction is needed to bridges and road crossings to bring it to safe operating condition.</p>	DOTC	PHP 170.70 (USD 3.79333)

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PROJECT TITLE		BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
3	Road Transport Information Technology Infrastructure Project (Phase II)	<p>The project will upgrade the existing Information Technology (IT) Infrastructure of the Land Transportation and Franchising Regulatory Board (LTFRB) including the computerization of its manual processes, the development, supply and operationalization of its network infrastructure (hardware) and database, and applications (software).</p> <p>The computerization efforts will help clean up existing data of the LTFRB, enhance data collection and processing. It is also envisioned to effect integration within the LTFRB and among related agencies. As a result, this will lessen the processing time for its transactions, promote and improve access to public information and provide channels for feedback.</p>	DOTC	PHP 0.298 (USD 0.00663)
C. FOR APPROVAL OF RELEVANT GOVERNMENT BODIES				
1	LRT Line 6 Project	<p>The LRT Line 6 Project is a proposed 19 kilometer railway from Niyog, Bacoor (the terminus of the LRT 1 CAVEX extension) to Dasmariñas City. The proposed ROW alignment is along the Aguinaldo Highway with 7 stations, namely: (i) Niyog, (ii) Tirona, (iii) Imus, (iv) Daang Hari; (v) Salitran, (vi) Congressional Avenue, and (vii) Governor's Drive.</p> <p>Currently, Cavite is experiencing a rapid growth, and many of its residents travel to Manila for work and education purposes. The project will improve passenger mobility and reduce the volume of vehicular traffic in the Cavite area by providing a higher capacity mass transit system. It also aims to spur economic development along the extension corridor.</p> <p>The ongoing study is looking into possible private sector's participation in the financing, design, and construction of the 19-kilometer rail line from Bacoor to Dasmariñas, Cavite.</p>	DOTC	PHP 64.71 (USD 1.43796)
2	Civil Registry System Information Technology Project (Phase II)	The CRS-ITP2 will involve the computerization of the civil registry operations of the PSA and is designed to collect, access, store, maintain and manage civil registry documents and the specimen signatures of all city and municipal registrars using imaging technology. The CRS-ITP2 will also include production of vital statistics and makes the civil registry services available nationwide through the CRS outlets and other authorized partners.	PSA	PHP 1.59 (USD 0.03527)
3	C5 Modern Bus Transit System Project	<p>The C-5 Modern Bus Transit System Project involves the implementation of a new bus scheme that will offer high quality bus service. It will improve the connectivity among the cities of Paranaque, Taguig, Makati, Quezon City and Valenzuela, through a modern bus-based public transport system. It will feature formal designated stops and schedules; high quality air-conditioned buses with multiple doors; weatherprotected bus stations; convenient and efficient fare payment system; and adequate passenger information tools at stations and on-board buses.</p> <p>The private partner will finance, construct and develop a Bus Rapid Transit (BRT) system along the C-5 corridor, while running an interim bus service that will later transition into a BRT.</p>	DOTC	PHP 6.28 (USD 0.13956)

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4	Batangas-Manila (BatMan) 1 Natural Gas Pipeline Project	<p>BatMan1 will transport and supply natural gas to targeted markets located in the high-growth areas of Batangas, Laguna, Cavite and Metro Manila delivered through approximately 110 kilometers of transmission pipelines from Batangas to Metro Manila.</p> <p>The private partner will construct the proposed 121-kilometer transmission pipelines from Batangas to Metro Manila, install compressor stations, metering stations, valves as well as control stations and SCADA systems.</p>	PNOC	PHP 11.78 (USD 0.26178)
5	NAIA Development Project	The project will improve, upgrade and enhance the operational efficiencies of all existing terminals of the Ninoy Aquino International Airport (NAIA) covering both landside and airside (except air traffic services), to meet the International Civil Aviation Organization (ICAO) standards and develop the main gateway airport of the Philippines.	DOTC	PHP 74.56 (USD 1.65682)
6	Ortigas-Taytay LRT Line 4 Project	<p>The Ortigas Avenue LRT Project is a proposed 11km rail line running west from the SM city at Taytay to the intersection of Ortigas Avenue and EDSA in Ortigas (see figure below). The proposed ROW alignment is along Tatay Diversion Road and Ortigas Avenue with six stations, namely: (i) EDSA (transfer station with the MRT) (ii) Meralco Avenue, (iii) Pasig, (iv) Bonifacio Avenue, (v) L Wood Road, and (vi) SM Taytay.</p> <p>This project will provide improved local transportation solutions and a better link to Metro Manila for the large and growing population in and around Taytay. The area is currently underserved in terms of transport options, with Ortigas Avenue the only main thoroughfare linking the region to Metro Manila. As a result Ortigas Avenue is highly congested, with over 4,000public transport passengers every hour and travel speeds during peak hour of around 12km/hour—much lower than the average for Metro Manila.</p>	DOTC	PHP 50.15 (USD 1.11440)
D. PROJECTS WITH ON-GOING STUDIES				
1	Manila Bay-Pasig River-Laguna Lake Ferry System Project	<p>The Manila Bay-Pasig River-Laguna Lake (MAPALLA) Ferry System Project will involve the development of a ferry system that would traverse Manila Bay, Pasig River, Marikina River, and Laguna Lake. It will provide the commuters an alternative mode of transport through the waterways of Metro Manila, Cavite and Laguna.</p> <p>The private sector will construct and develop the necessary infrastructure and associated facilities, including landing and passenger terminal facilities at selected stations; provision of carrier services in the form of watercrafts including its operation and maintenance.</p> <p>Phase 1 of the project will cover the Pasig and Marikina Rivers while Phase 2 will look into a possible extension of ferry services into Laguna Lake and Manila Bay.</p>	DOTC	PHP 2.13 (USD 0.04733)

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PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
2	<p>Clark International Airport Project</p> <p>Clark International Airport is operated and managed by Clark International Airport Corporation (CIAC), a Philippine Government enterprise. The airport is connected to various international destinations including Bangkok, Hong Kong, Incheon, Kuala Lumpur, Macau, Singapore, and Doha; and to domestic destinations like Davao, Cebu and Caticlan and Kalibo. The airport also connects freighter carriers to Taipei, Shenzhen and Guangzhou.</p> <p>Major airlines operating flights to and from Clark International Airport include Cebu Pacific, TigerAir, Asiana, Dragon Air, JinAir and Qatar Airways. The airport is a hub for Cebu Pacific & TigerAir Philippines. The upgrading of Clark Airport is focused not only on the long term development strategy of the airport but also to support the growth of air traffic in Luzon, which can lead to the economic growth of the region.</p> <p>The private partner will undertake the operation and maintenance of the entire airport, including the existing terminal, budget terminal and airside facilities for a defined concession period. It will enhance the existing terminal and undertake the construction of the legacy terminal and improve the facilities required on the airside and landside.</p>	DOTC	<p>PHP 55.32 (USD 1.22927)</p>
3	<p>Plaridel Bypass Toll Road Project</p> <p>The Plaridel Bypass Road is a 24.61-kilometer road starting at the Balagtas interchange in North Luzon Expressway (NLEX) up to San Rafael, Bulacan. The road project traverses five Municipalities of Bulacan: Balagtas, Guiguinto, Plaridel, Bustos, and San Rafael. Currently, the road is being constructed as a two-lane paved road under the Philippine-Japan Highway Loan Project.</p> <p>The proposed Plaridel Bypass Toll Road Project involves the conversion of the existing road into expressway standards. The road will be expanded to four-lane road with 3.50 meter width per lane and 2.5 meter width shoulder. It also involves the construction of additional interchanges, overpass/underpass, other miscellaneous works: operation and maintenance and provision for service roads.</p> <p>The project will address growing traffic demand and will provide economic savings to motorists in terms of vehicle operating cost and travel time. The private partner will finance, design, construct, maintain and operate the Plaridel Bypass Toll Road.</p>	DPWH	<p>PHP 10.00 (USD 0.22222)</p>

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4	San Fernando Airport Project	<p>The proposed upgrading of the San Fernando Airport Project will entail improving the airport facilities to meet the International Civil Aviation Organization (ICAO) requirements that can cater to larger aircraft such as Airbus 320. It will also involve the construction of an airport terminal with a mall complex. The project is located at Barangay Poro, San Fernando City in La Union. The project will have a direct impact on the overall businesses and investment climate of the region with the projected increase in the number of visitors and tourists. In turn, this will have a positive direct and indirect effect on employment generation as the local business climate improves.</p> <p>The private partner will undertake the upgrading and expansion of the airport, including development works such as removal of obstructions (e.g. hills, trees, transmission lines); expansion of existing parking areas; and construction of a new terminal building, a new fire stub taxiway, and a new apron; among others.</p>	BCDA	TBD
5	Integrated Transport System-North Terminal Project	<p>The project will involve the construction of mass transportation intermodal terminal in the north of EDSA that will maximize road usage by reducing vehicle volume and improving traffic flow along Metro Manila's major thoroughfares, particularly along EDSA.</p> <p>It will connect passengers coming from Northern Luzon to other transport system such as city bus, taxi, and other public utility vehicles that are serving inner Metro Manila. The project will include passenger terminal buildings, arrival and departure bays, public information systems, ticketing and baggage handling facilities, and park-ride facilities.</p> <p>The private partner will undertake the design, construction, and financing of the ITS terminal as well as the operation & maintenance of the whole facility. The concessionaire can also undertake commercial development and collect revenues generated from the same.</p>	DOTC	TBD
E. FOR PROCUREMENT OF CONSULTANTS TO CONDUCT PRE-INVESTMENT STUDIES				
1	Manila Heritage and Urban Renewal Project	<p>The Manila Heritage and Urban Renewal Project (MHURP) will preserve, restore and implement the adaptive reuse of iconic and historically significant public architecture in Manila, preserving heritage buildings and landmarks thus revitalizing an important historical district. It will create vibrant tourist zones in Manila and generate a stream of revenues for the Government of the Philippines (GOP) using private sector investment into the area.</p> <p>The proposed areas include the Manila Central Post Office (MCPO) compound, Liwasang Bonifacio Park, Metropolitan Theater, and the South Harbor Expanded Port Zone (SHEPZ) Development.</p> <p>The private partner will preserve, restore and convert the site to a tourism-themed development. It will rehabilitate and restore the proposed buildings within Government-specified parameters and develop the available remaining area for other uses as proposed.</p>	DOF	TBD

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	PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
2	Clark Green City Food Processing Terminal Project	<p>The proposed Food Processing Terminal in Clark Green City District 4 will be a "stock exchange" of fresh produce and processed products, bringing together in one roof the food supply chain and post-harvest production services for agri-fisheries products like fruits, vegetables, and livestock from Northern and Central Luzon transporting it to Metro Manila and even to neighboring countries. The food terminal will target niche markets such as organic produce and halal-certified goods.</p> <p>The presence of a food terminal with supply chain and post-harvest services will reinvigorate the country's agricultural industry minimizing and preventing the spoilage of agricultural products by introducing relevant technologies and integrated postharvest systems and facilities.</p>	BCDA	TBD
3	Central Spine Roll-on/Roll-off (RORO) Project	<p>The project will provide the country with an efficient nautical backbone to create a seamless, safe, effective and economical movement of passengers, vehicles and goods, through a combination of roads/highway systems and a roll on-roll off (RoRo) ferry services.</p> <p>The Central Spine Roro (CSR) Route will link the country's major islands, as it passes through the different ports or terminal facilities of identified islands. RoRo Road Stations (RRS) will be established to act as extensions of a national highway with road and ramp facility leading to the water that will complement conventional ports in the RoRo network.</p> <p>The proposed route of the Central will include the CSR-1 which will pass through the following ports: Batangas Port, Calapan Port, Roxas Port (Oriental Mindoro), Caticlan Port, Dumangas Port, BREDCO Port (Bacolod City), San Carlos Port, Toledo Port, San Fernando Port/Cebu (Proposed), Tubigon Port, Jagna Port, Balbagon Port (Camiguin), Benoni Port, Balingoan Port in Misamis Oriental, and Cagayan de Oro.</p> <p>The private partner will rehabilitate, construct, lease, operate, and maintain selected priority RoRo ports, making sure that the market for RoRo services in their ports are served. Included too are the rehabilitation, construction, lease, and the operation and maintenance of roads and superhighways that connect the identified ports which were selected as part of the Central Spine RoRo. The private partner may operate the ferry services using custom-designed high quality Catarman RoRo ferries.</p>	DOTC	TBD
4	Manila-East Rail Transit System Project	<p>The project will entail the construction of a railway from San Mateo connecting to the Mass Rail Transit (MRT) 7, passing through Ortigas Avenue. It will link the municipalities of Rodriguez and San Mateo in Rizal to the highly urbanized cities of Marikina, Pasig, Taguig, and Makati.</p> <p>The ME-MTS Project aims to address the transport demand in the Eastern Metro Manila corridor, improve accessibility and decongest traffic by providing a higher capacity transport system.</p>	DOTC	TBD

Table I.4

PROJECT TITLE		BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
5	R1-R10 Link Mass Transport System Development Project	The project will involve the establishment and operations of a mass transport system through a bus rapid transit (BRT) system that will link the cities of Navotas and South Caloocan via R1 and R10 to the cities of Manila, Pasay and Parañaque.	DOTC	TBD
6	Vicente Sotto MMC Modernization Project	The Project aims to modernize the Vicente Sotto Memorial Medical Center (VCMC) to help bridge the health infrastructure gap, increase the bed-to-population ratio, and attain the health-related Millennium Development Goals (MDGs). Upgrading the facilities and expanding the bed capacity of VSMC are envisioned to enhance the quality of services of the medical center, improve health outcomes, and achieve equity in access to healthcare in the area. The project entails construction of a new hospital building and upgrading of existing health facilities and equipment, including possible transfer of the O&M of the VSMC to the private sector.	DOH	TBD
F. PROJECTS UNDER CONCEPTUALIZATION / DEVELOPMENT				
1	Central Luzon Link Expressway (Phase II) Project	The Central Luzon Link Expressway (CLEX) is a two-lane, 35.7-kilometer expressway and is an extension of CLEX Phase I, a 4-lane, 30.7-kilometer expressway with on-going construction through an Official Development Assistance. It will connect Cabanatuan City to San Jose City in Nueva Ecija Province.	DPWH	TBD
2	Operation, Maintenance & Improvement of Kennon Road and Marcos Highway Project	This project involves upgrading and improvement of the landslide prone sections of Kennon Road and Marcos Highway and operate as toll roads. Kennon Road has a length of 33.69 kms. While Marcos Highway has a length of 47.17 kms. Having a total combined length of 80.86 kms. These roads start at Rosario and Agoo, La Union respectively and both ends at Baguio City.	DPWH	TBD
3	Rehabilitation of the National Center for Mental Health Project	The project will entail the relocation and modernization of the National Center for Mental Health. The new site is a national government property, approximately 10 hectares located in Cavite. The modern mental health care facility will help address the medical and psychiatric needs of the patients and create a conducive facility where the medical staff can adequately monitor and respond to patients' needs. The private partner will construct the new building and its appurtenant facilities to accommodate the authorized bed capacity of 4,200 patients of the Center.	DOH	TBD

Table I.4

PROJECT TITLE		BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
4	NLEX East Expressway Project	<p>The North Luzon Expressway (NLEX) East Project is a 4-lane expressway beginning from the La Mesa Parkway at Barangay Bigte, Norzagaray, Bulacan and stretching northwards, passing through the municipalities of Norzagaray, Angat, San Ildefonso, San Miguel in Bulacan and the municipalities of Gapan and Sta. Rosa in the province of Nueva Ecija. The expressway will cross the major rivers of Angat, Peñaranda and Pampanga. It has an estimated total length of about 91 km and lies approximately 7 km east of Maharlika Highway. The project will form an important transport access in the eastern area of Region III. This will further spur economic development in these areas. Travelers will have an alternate route in going to and from Cabanatuan City which connects to major roads leading to Regions II and Cordillera Administrative Region (CAR).</p> <p>The private partner will undertake the financing, design, construction, operation, and maintenance of the NLEX East.</p>	DPWH	TBD
5	Bohol Northeast (NE) Multi-Purpose Dam Project for Irrigation and Hydro Power Project	<p>The project is located in the Municipality of Danao, Province of Bohol. The Project aims to provide irrigation services for the farmers in Municipalities of Danao, San Miguel, Trinidad, Dagohoy, Bien Unido and Ubay. In addition, a hydroelectric power can be developed in this project</p> <p>The Multi Purpose Dam Project will include the construction of one of the following schemes:</p> <ul style="list-style-type: none"> -Modified original scheme: construction of 2 storage dams, 5 diversion dams, trahsbasin tunnel, irrigation facilities and a Hydropower plant; -Basic irrigation scheme: construction of overflow type dams at the Danao damsites. The plan considers 5 diversion dams and irrigation facilities -Hydropower oriented scheme: construction of reservoir dam, Penstock, irrigation facilities and a hydro electric powerplant. 	NIA	TBD
6	Camarines Sur Expressway Project	The expressway will traverse a total length of about 15.2 km, along selected communities in the municipalities of San Fernando, Minalabac, and Pili.	DPWH	TBD
7	PPP for School Infrastructure Project (PSIP) Phase III	The project will involve the design, financing and construction of classrooms for Senior High School students.	DEPED	TBD

Table I.4

	PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
8	Tri-Medical Complex Modernization Project	<p>The Tri-Medical Complex will involve the modernization and integration of the three medical centers proposed to be located at the Tayuman Compound of the Department of Health. This includes the Dr. Jose Fabella Memorial Hospital (maternity and childcare hospital); the Jose Reyes Memorial Medical Center (general hospital specializing in surgery and internal medicine); and the San Lazaro Hospital (infectious disease control hospital).</p> <p>The project will upgrade and integrate the support facilities and ancillary services of the three hospitals into a common facility to reduce unnecessary administrative and overhead costs. This will increase the bed capacity of each hospital and enhance the quality of its health services. This in turn will help contribute to attaining the country's related Millennium Development Goals.</p> <p>Other requirements include diagnostic facilities (laboratory and radiology), pharmacy, cancer center, medical arts and parking building, training center, research center, and other facilities such as a morgue, autopsy, and crematorium, security, medical gas piping system, electric sub-station, and cistern/rain-water basin, among others.</p>	DOH	TBD
9	Motor Vehicle Inspection System (MVIS) Project	<p>The MVIS will involve setting up Motor Vehicle Inspection Centers (MVICs) to test various categories of heavy duty, light duty, and two wheeler vehicles across the Philippines. The private partner will develop, operate, and maintain a network of MVICs that will perform inspections for all vehicles in the country.</p>	DOTC	TBD

Foreign Exchange: Philippine Peso to US Dollar

PhP 45

USD 1