

Table 1.4

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

PROJECT TITLE		BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
<b>I. PROJECTS UNDER IMPLEMENTATION</b>				Amounts reflected are NEDA Board-
<b>A. AWARDED PROJECTS</b>				
1	Daang Hari-SLEX Link Road (Muntinlupa-Cavite Expressway) Project <sup>1</sup>	The Daang Hari - SLEX Link Road Project or what is now called the Muntinlupa- Cavite Expressway is a construction of a new 4-kilometer 4-lane toll road, from the junction of Daang Reyna and Daang Hari in Las Piñas/Bacoor, Cavite to SLEX through the Susana Heights Interchange in Muntinlupa, traversing the New Bilibid Prison (NBP) Reservation. The link-road will use the Susana Heights Interchange as exit and entry from north and south of SLEX. It includes the construction of a new bridge/widening of the existing bridge crossing SLEX as well as the expansion of the Susana Heights toll plaza. Commercial operations commenced in July 2015 and the toll road is alternatively called Muntinlupa - Cavite Expressway (MCX).	DPWH	<b>PHP 2.23</b> (USD 0.04956)
2	PPP for School Infrastructure Project (PSIP) Phase I	The project involves 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 will supplement the current program of the Department of Education in reducing classroom backlog.	DEPED	<b>PHP 9.89</b> (USD 0.21978)
3	NAIA Expressway (Phase II) Project <sup>2</sup>	The project is a 4-lane, 7.15 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, Elliptical 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	<b>PHP 17.93</b> (USD 0.39844)
4	PPP for School Infrastructure Project (PSIP) Phase II	The PSIP Phase II involves the design, financing, and construction 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	<b>PHP 13.14</b> (USD 0.29200)
5	Modernization of the Philippine Orthopedic Center (MPOC) Project <sup>3</sup>	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 private proponent 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	<b>PHP 5.61</b> (USD 0.12467)
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 operates and maintains the fare collection system.	DOTC	<b>PHP 1.72</b> (USD 0.03822)
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 more than 15 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, will separately cater to domestic and international operations.	DOTC	<b>PHP 17.52</b> (USD 0.38933)

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8	LRT Line 1 Cavite Extension and O&M Project <sup>4</sup>	<p>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.</p> <p>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.</p>	DOTC	<b>PHP 64.90</b> (USD 1.44222)
9	Southwest Integrated Transport System (ITS) Project	<p>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 parkride facilities.</p> <p>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.</p>	DOTC	<b>PHP 2.50</b> (USD 0.05556)
10	Cavite Laguna Expressway (CALAx) Project <sup>5</sup>	<p>The CALA Expressway will start from the CAVITEX in Kawit, Cavite and will end at the SLEX-Mamplasan Interchange in Biñan, Laguna running a total of 44.63 kilometers. It will have nine (9) interchanges in various locations such as Kawit, Daang Hari, Governor's Drive, Aguinaldo Highway, Silang, Sta.Rosa-Tagaytay, Laguna Blvd., Technopark, and a Toll Barrier before SLEX. It will provide a critical link for the provinces of Cavite and Laguna connecting two major toll roads – the Cavite Expressway (CAVITEX) and the South Luzon Expressway (SLEX).</p> <p>The private partner will take on the financing, design, construction, and operation and maintenance of the entire 4-lane, 44.63 kilometers closed-system tolled expressway connecting CAVITEX and SLEX. The project will include the construction of centralized toll plazas, a toll collection system, viaducts and bridges (i.e. waterway, expressway, overpass, underpass, and ramps).</p>	DPWH	<b>PHP 35.43</b> (USD 0.78733)
11	Integrated Transport System–South Terminal Project <sup>6</sup>	<p>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 buses, taxis, 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, baggage handling and park-ride facilities.</p> <p>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.</p>	DOTC	<b>PHP 5.20</b> (USD 0.11556)

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	PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
12	Bulacan Bulk Water Supply Project	<p>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, operation and maintenance of conveyance facilities, treatment facilities and water source.</p> <p>The project will include the construction of various components, such as:</p> <ol style="list-style-type: none"> <li>1. Water Source/s;</li> <li>2. Aqueduct Interconnection, Intake and Lift Station for raw water abstraction;</li> <li>3. Water Treatment Plant complete with support buildings and structures, treated water reservoir, including Sludge Treatment Facility;</li> <li>4. Raw and Treated Water conveyance facilities complete with necessary appurtenances;</li> <li>5. Facilities for interconnection with the WDs;</li> <li>6. Bridge, Culvert, and River Crossings;</li> <li>7. Supervisory Control and Data Acquisition (SCADA) system;</li> <li>8. Booster Pump Stations;</li> <li>9. Security Perimeter Fencing;</li> <li>10. Inventory of Materials and Vehicles; and</li> <li>11. Access Road and Pipe Bridge Support.</li> </ol>	MWSS	<b>PHP 24.41</b> (USD 0.54244)
	<sup>1</sup> Original project cost approved by the NEDA Board on July 8, 2011 was PhP1.956 billion. The cost increased to PhP 2.23 billion due to the payment for the advance works improvements amounting to PhP 0.050 billion as approved by the ICC-CC on November 29, 2011; and Variation Cost amounting to PhP 0.223 billion.			
	<sup>2</sup> Original project cost approved by the NEDA Board on May 30, 2012 was PhP 15.86 billion; the cost increased to PhP 17.93.18 billion due to the Variation Order amounting to PhP 2.07 billion			
	<sup>3</sup> Project cost does not include the O&M Cash Support amounting to PhP 600 million for the first five (5) years of operation			
	<sup>4</sup> Project cost is inclusive of the PhP 19.83 billion ODA component			
	<sup>5</sup> Project cost does not include the approved minimum bid price amounting to PhP 20.105 billion			
	<sup>6</sup> Project cost includes the cost of the C5-FTI-Skyway Connector Road (access ramp) of PhP 1,198.093 million, and cost of land			

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<b>B. OTHER PROJECTS UNDER IMPLEMENTATION</b>				
<b>Under the BOT Law</b>				
1	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	<b>PHP 69.30</b> (USD 1.54000)
<b>Joint Venture Agreement</b>				
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	<b>PHP 37.43</b> (USD 0.83178)
<b>II. PPP PIPELINE</b>				
<b>A. PROJECTS UNDER PROCUREMENT</b>				
1	New Bohol (Panglao) Airport Operations, Maintenance & Development Project	<p>The project involves the operations and maintenance of the New Bohol Airport that will replace the existing Tagbilaran Airport. This project will further boost the tourism industry of the province specially that Bohol is one of the tourist hotspots in the country. 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 operations 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 time frame set in the concession agreement.</p>	DOTC; CAAP	<b>PHP 2.34</b> (USD 0.05200)
2	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 operations 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> <ol style="list-style-type: none"> <li>1. Expansion/construction of new passenger terminal(s); along with all associated infrastructure and facilities as per applicable standards;</li> <li>2. Operation and maintenance of the passenger terminals (new and existing) during the entire concession period;</li> <li>3. Development of airside facilities, including, among others, the apron, runway and taxiway; and</li> <li>4. Enhancement/development of airside facilities to meet the enhanced scale of operations at the airport over the required duration.</li> </ol>	DOTC; CAAP	<b>PHP 14.62</b> (USD 0.32489)

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3	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) in Mindanao. 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 operations 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> <ol style="list-style-type: none"> <li>1. Passenger terminal building expansion;</li> <li>2. Cargo terminal building expansion;</li> <li>3. Expansion of other key facilities such as car parking, and administration building.;</li> <li>4. Additional Apron Area; and</li> <li>5. Full parallel taxiway.</li> </ol>	DOTC; CAAP	<b>PHP 40.57</b> (USD 0.90156)
4	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 over its capacity.</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.</p> <p>The project will include the following in various phases:</p> <ol style="list-style-type: none"> <li>1. Passenger terminal building expansion;</li> <li>2. Cargo terminal building expansion;</li> <li>3. Runway extension;</li> <li>4. Construction of parallel taxiway;</li> <li>5. Additional apron area; and</li> <li>6. Expansion of other key facilities/infrastructure such as rapid exit taxiways, car parking, admin building, and other infrastructure like fuel farms, curbs, etc.</li> </ol>	DOTC; CAAP	<b>PHP 20.26</b> (USD 0.45022)
5	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 five (5) airports in the Philippines in terms of traffic. The project will decongest the Iloilo Airport, which is currently operating over its capacity.</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> <ol style="list-style-type: none"> <li>1. Passenger terminal building expansion;</li> <li>2. Cargo terminal building expansion;</li> <li>3. Expansion of other key facilities such as car parking, and administration building; and</li> <li>4. Full parallel taxiway (including taxiway shoulder)</li> </ol>	DOTC; CAAP	<b>PHP 30.40</b> (USD 0.67556)

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6	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 3.934 kilometer East Extension (from Santolan, Pasig to Masinag, Antipolo, Rizal), and any other future extensions implemented by the Government during the project's term.</p>	DOTC; LRTA	No Capex
7	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-tired gantry over the pre-agreed concession period. The private partner will also be responsible in operating and maintaining the port.</p>	DOTC; PPA	<b>PHP 18.99</b> (USD 0.42200)
8	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; LTFRB	<b>PHP 0.298</b> (USD 0.00663)
9	Civil Registry System Information Technology Project (Phase II)	<p>The CRS-ITP2 will involve the computerization of the civil registry operations of the Philippine Statistics Authority (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 will make the civil registry services available nationwide through the CRS outlets and other authorized partners. The project also includes the construction of the CRS Building/Facility.</p>	PSA	<b>PHP 1.59</b> (USD 0.03533)
10	New Centennial Water Source-Kaliwa Dam Project	<p>The New Centennial Water Source – Kaliwa Dam Project (NCWS - KDP) involves the financing, design, and construction of an additional raw water supply source for the provinces of Quezon and Rizal. The project will have 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; DPWH	<b>PHP 18.72</b> (USD 0.41609)

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11	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; BuCor	<b>PHP 50.18</b> (USD 1.11511)
12	NLEX-SLEX Connector Road Project	The project involves the construction and operation and maintenance (O&M) of an 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 España towards PUP, Sta. Mesa connecting Metro Manila Skyway Stage 3 (MMSS3). Once completed, the North Luzon Expressway (NLEX) - South Luzon Expressway (SLEX) Connector road is expected to decongest traffic in Metro Manila by providing an alternative to C-5 Road, Ekipanio 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	<b>PHP 23.20</b> (USD 0.51556)
13	LRT Line 6 Project	<p>The LRT Line 6 project involves the design, construction, operation and maintenance of a 19-kilometer light rail line starting at the Niyog terminal station of the ongoing LRT1 CAVEX project at Bacoor, passing through the municipality of Imus. It will extend the existing LRT Line 1 to Dasmariñas City in the province of Cavite. It will have seven stations namely: (i) Niyog, (ii) Tirona, (iii) Imus Transport Terminal, (iv) Daang Hari, (v) Salitran, (vi) Congressional Avenue, and (vii) Governor's Drive. A provision has been made for an additional future station, in Patindig Araw, located between Imus and Daang Hari.</p> <p>The extended rail system will provide a cost-effective and efficient mode of transport to the people in this corridor, both for travel within the corridor and to/from Metro Manila.</p>	DOTC	<b>PHP 65.09</b> (USD 1.44644)

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14	North-South Railway Project (South Line)	<p>The North-South Railway Project (NSRP,) is part of the Government of the Philippines' efforts to promote inclusive growth. The Project aims to revive the existing railway and provide improved transport and logistics services to 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 Laguna province is a 56 km section of the NSRP and is proposed to have commuter rail operations in addition to its long haul rail operations. This section represents an existing Philippine National Railway (PNR) right-of-way (ROW) which runs through Metro Manila. Currently, the NSRP has a narrow gauge railway. However, extensive rehabilitation and reconstruction of bridges and road crossings are needed to bring it to safe operating condition.</p>	DOTC; PNR	<b>PHP 170.70</b> (USD 3.79333)
15	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 Baños-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 Baños. 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; LLDA	<b>PHP 122.80</b> (USD 2.72889)
<b>B. FOR APPROVAL OF RELEVANT GOVERNMENT BODIES</b>				
1		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	<b>PHP 74.56</b> (USD 1.65689)
2	Plaridel Bypass Toll Road Project	<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 a four-lane road with 3.5 m width per lane and a 2.5 m 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 motorist 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	<b>PHP 8.88723</b> (USD 0.20722)

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3	Philippine Travel Center Complex Project	The Philippine Travel Center Complex (PTCC) project involves the financing, design, construction and maintenance of a mixed-use, multi modal complex that will house various tourism-related agencies in Intramuros. The PTCC is envisioned to house all transactions related to travel and tourism in a single complex. This will also improve the delivery of government services and further increase the ease of doing business. Beyond being a one-stop shop, the Philippine Travel Center Complex is also designed as a mixed-use development to bring together creative commercial industries that match the vibrant energies of the DOT and its attached agencies. DOT will implement the project with Intramuros Administration.	DOT	PHP 1.75 (USD 0.03884)
4	Batangas-Manila (BatMan) 1 Natural Gas Pipeline Project	BatMan 1 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 121 kilometers of transmission pipelines from Batangas to Metro Manila.  The private partner will finance, design, construct, operate and maintain the proposed transmission pipeline and its ancillary facilities.	PNOC	PHP 14.72 (USD 0.032714)
5	New Nayong Pilipino at Entertainment City Project	The Project, as a tourism-oriented facility, is envisioned to be the top-of-mind destination for foreign and local tourists who want to experience what makes our nation and culture unique and more fun. As a cultural theme park, it will be an experiential and creative showcase of the various elements and dimension of the Filipino culture, identities and traditions spanning past and contemporary periods.	DOT; Nayong Pilipino Foundation	PHP 1.58 (USD 0.03522)
<b>C. PROJECTS UNDER EVALUATION</b>				
1	Manila Bay Integrated Flood Control, Coastal Defense and Expressway Project	This project is an unsolicited proposal that involves: (a) Financing, design and construction of a City Flood Control in the coastal waters of Navotas City; (b) Financing, design and construction of a Coastal Sea Barrier through the northern part of Manila Bay covering the coastal areas of Bulacan, Pampanga and Bataan; and (c) Financing, design, construction, operation and maintenance for a period of up to fifty (50) years of an expressway that will connect Bataan with Metro Manila and providing direct access to the provinces of Bulacan and Pampanga.  The Project Proponent's proposed repayment scheme is through the grant of the right to reclaim, own, develop, and dispose of five (5) reclaimed islands in Manila Bay with a total developable area of up to sixteen thousand five hundred ninety-nine hectares (16,599 ha.)	DPWH	PHP 536.03 (USD 11.91171)
<b>D. PROJECTS WITH ON-GOING STUDIES</b>				
1	Motor Vehicle Inspection System (MVIS) Project	In the Philippines, approximately 7.45 million vehicles are required to be inspected under the provisions of the Clean Air Act and other relevant laws/guidelines issued by the Land Transportation Office (LTO). This number is expected to reach 8.5 million by the end of the year 2016, 13.35 million by 2021 and 34.75 million by 2036.  The MVIS will involve setting up Motor Vehicle Inspection Centers (MVIC) 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.  In line with global best practices, these centers will comprise the following components: • Vehicle lanes with stand-alone structure and state of the art automated inspection equipment; • Administrative area; • Parking area and test driving lanes; • Boundary wall and utilities; • An IT system for automating the entire process, enforcing sufficient security measures and provide an interface with LTO Database; and • An area for future expansion (optional)	DOTC	PHP 44.55 (USD 0.98989)

Table 1.4

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

	PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
2	Judiciary Infrastructure Development through PPP Project	<p>The Project will involve construction, rehabilitation, and maintenance of halls of justice (HOJs), including:</p> <ul style="list-style-type: none"> <li>- Constructon and maintenance of Supreme Court Special Projects</li> <li>- Construction and maintenance of new HOJs</li> <li>- Rehabilitation amd maintenance of existing HOJs</li> </ul> <p>This Project aims to address the shortage and the poor state of Supreme Court's courtrooms, modernize the infrastructure design to facilitate efficient work flows and make these HOJs ICT-enabled and disaster resilient.</p>	Supreme Court	TBD
3	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 systems such as city buses, taxis, 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, baggage handling 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 &amp; maintenance of the whole facility. The concessionaire can also undertake commercial development and collect revenues generated from the same.</p>	DOTC	<b>PHP 4.21</b> (USD 0.09353)
4	Rural Dairy Industry Development Project	<p>RDID project is envisioned to contribute to the increase in production and productivity of the agriculture sector, particularly the livestock-dairy sub-sector. The concept is for the Project to have two components: (1) Establishment of Modern Milk Processing Centers; and, (2) Dairy Cattle Herd Build-up. The private partner will establish, operate and maintain one (1) mini-dairy processing plant per each strategic dairy zone which will be serviced by five (5) multiplier farms with 50-100 heads each producing 1,500-3,000 liters of milk daily. This will be a one-stop shop for processed milk and milk products which will be made available to dealers, retailers, viajeros and other walk-in clients. This will also involve the set-up breeding farms at selected provinces, cities and municipalities at the strategic dairy zones.</p>	DA; National Dairy Authority	TBD
<b>E. PROJECTS UNDER DEVELOPMENT</b>				
1	Manila Heritage and Urban Renewal Project	<p>The Manila Heritage and Urban Renewal Project 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

Table 1.4

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

	<b>PROJECT TITLE</b>	<b>BRIEF DESCRIPTION</b>	<b>IMPLEMENTING AGENCIES</b>	<b>ESTIMATED TOTAL PROJECT COST (in billion)</b>
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 Spine 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-RTS 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
5	R1-R10 Link Mass Transport System Development Project	<p>The project will involve the establishment and operations of a mass transport system that will link the cities of Navotas and South Caloocan via R1 and R10 to the cities of Manila, Pasay and Parañaque.</p>	DOTC	TBD

Table 1.4

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

	<b>PROJECT TITLE</b>	<b>BRIEF DESCRIPTION</b>	<b>IMPLEMENTING AGENCIES</b>	<b>ESTIMATED TOTAL PROJECT COST (in billion)</b>
6	LRT Line 4 Project	<p>The LRT Line 4 project is a proposed 11.3km rail line running west from the SM city at Taytay, Rizal to the intersection of Ortigas Avenue and EDSA in Ortigas. The proposed ROW alignment is along Taytay Diversion Road and Ortigas Avenue with six stations, namely: (i) Ortigas Avenue - Robinsons Galleria (transfer station with the MRT) (ii) Meralco Avenue, (iii) Rosario Pasig, (iv) Bonifacio Avenue, (v) Taytay Diversion Road, and (vi) East Manila Road.</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 as the only main thoroughfare linking the region to Metro Manila. As a result, Ortigas Avenue is highly congested, with over 4,000 public transport passengers every hour and travel speeds during peak hour of only around 12km/hour—much lower than the average for Metro Manila.</p> <p>The project has three key objectives:</p> <ul style="list-style-type: none"> <li>· To address congestion along the Ortigas Avenue corridor;</li> <li>· To improve connectivity between Ortigas and the western parts of Metro Manila; and</li> <li>· To achieve integration with other mass transit projects into an overall network</li> </ul>	DOTC	TBD
7	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
8	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
9	Rehabilitation of the National Center for Mental Health Project	<p>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.</p> <p>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.</p>	DOH	TBD

Table 1.4

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

	PROJECT TITLE	BRIEF DESCRIPTION	IMPLEMENTING AGENCIES	ESTIMATED TOTAL PROJECT COST (in billion)
10	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
11	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
12	PPP for School Infrastructure Project (PSIP) Phase III	The project will involve the design, financing and construction of schools and ancillary facilities for Senior High School students under the government's K-12 program.	DEPED	TBD
13	Sucat Gas Power Plant Project	No information available.	DOE	TBD
14	Duty Free Retail Development Project	<p>The proposed project is aimed at expanding DFPC's operations to international benchmarks in terms of service and profitability, in line with DFPC's goal of improving tourism through better services for tourists and returning Filipino travellers, and increased revenues for the government.</p> <p>The Project would entail operations and maintenance of DPFC activities involving the following:</p> <ol style="list-style-type: none"> <li>Sourcing and purchasing of goods;</li> <li>Logistics: Inbound logistics, warehousing, and store delivery; and</li> <li>Store design, merchandising, and operations.</li> </ol>	DOF	TBD

Foreign Exchange: Philippine Peso to US Dollar  
PhP 45  
USD 1