



PROJECT DESCRIPTION

1.0 BASIC PROJECT INFORMATION

Table 1. Project Information

ITEM	Project Information
Name of Project	Proposed 260 Hectare Pasay City Reclamation Project
Project Location	Within the Waters of Manila Bay In the Territorial Jurisdiction of Pasay City
Nature of Project	Reclamation Project ECP in an ECA (Presidential Proclamation 2146 dated 14 December 1981)
Project Category per EMB Memorandum Circular 2014-005	Category A: Environmentally Critical Project (ECP) Major Reclamation Project ≥ 50 hectares
Project Classification Code per EMB Memorandum Circular 2014-005	3.3 Reclamation and other land restoration project
Size/Scale	260 Hectare More or Less
Status of ECC	Being Applied For

Table 2. Project Proponent / EIA Preparer

ITEM	Project Information
Project Proponent	Pasay City Government
Proponent Address	F.B. Harrison St., Pasay City
Telephone Number	Office of the City Mayor: (02) 833-3729
Responsible Officer	The Honorable Mayor Imelda Calixto-Rubiano
EIA Preparer	Technotrix Integrated Services Corp.
Contact Person	Hazel A. Victoriano (Managing Director)
Address	Unit 1206 12 th Floor The Trade and Financial Tower 32 nd Street corner, 7 th Avenue Bonifacio Global City, Barangay Fort Bonifacio Taguig City
Contact Numbers	Telefax No. (+632) 2115750; 0917.8255203
Email address	technotrix.tisc@gmail.com

2.0 PROJECT DESCRIPTION

The Proposed reclamation project covers 260 hectares involving (1) island. Consistent with the protocol of the Revised Procedural Manual (RPM), the Environmental Compliance Certificate (ECC) application being applied for involves only the horizontal development phase. The operations phase will be subject to the applicable requirements of the Philippine EIS System (PEISS).

The private sector project developers for the original (360 hectares); the supplementary (265 hectares) and the new 260-hectare reclamation projects will be different and separate corporate entities; and the project timetables will be different hence a separate ECC is applied for.

2.1 Project Area, Location and Accessibility

Location and Political Boundaries

The project consisting of one (1) island, is located west of Metro Manila, within the municipal waters of Pasay City and adjacent to the City of Manila. It is adjacent to the 265 – Hectare Pasay City Harbour Reclamation Project.

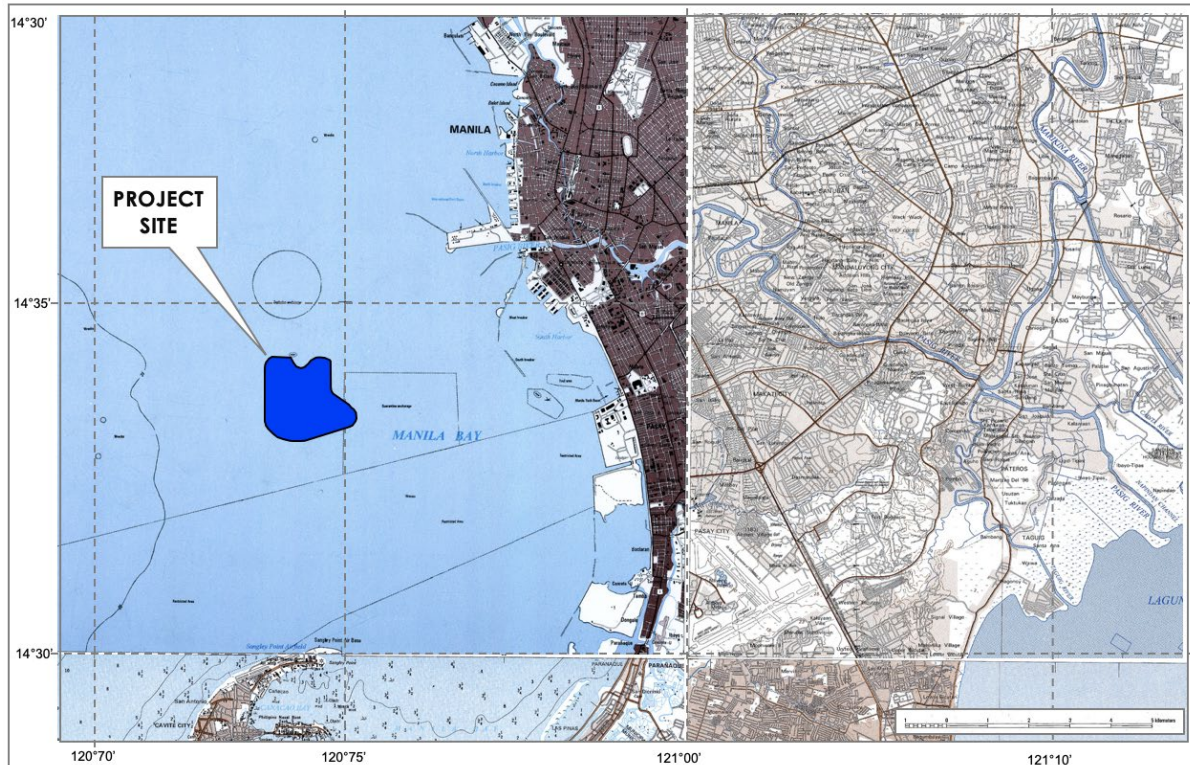


Figure 1. Location of Project Site in NAMRIA Map

The political boundaries indicating the impact barangay, the City of Pasay and adjacent other Cities are shown below.

The impact barangay is **Barangay 76 Zone 10**.



Figure 2. Map of the Political Boundaries

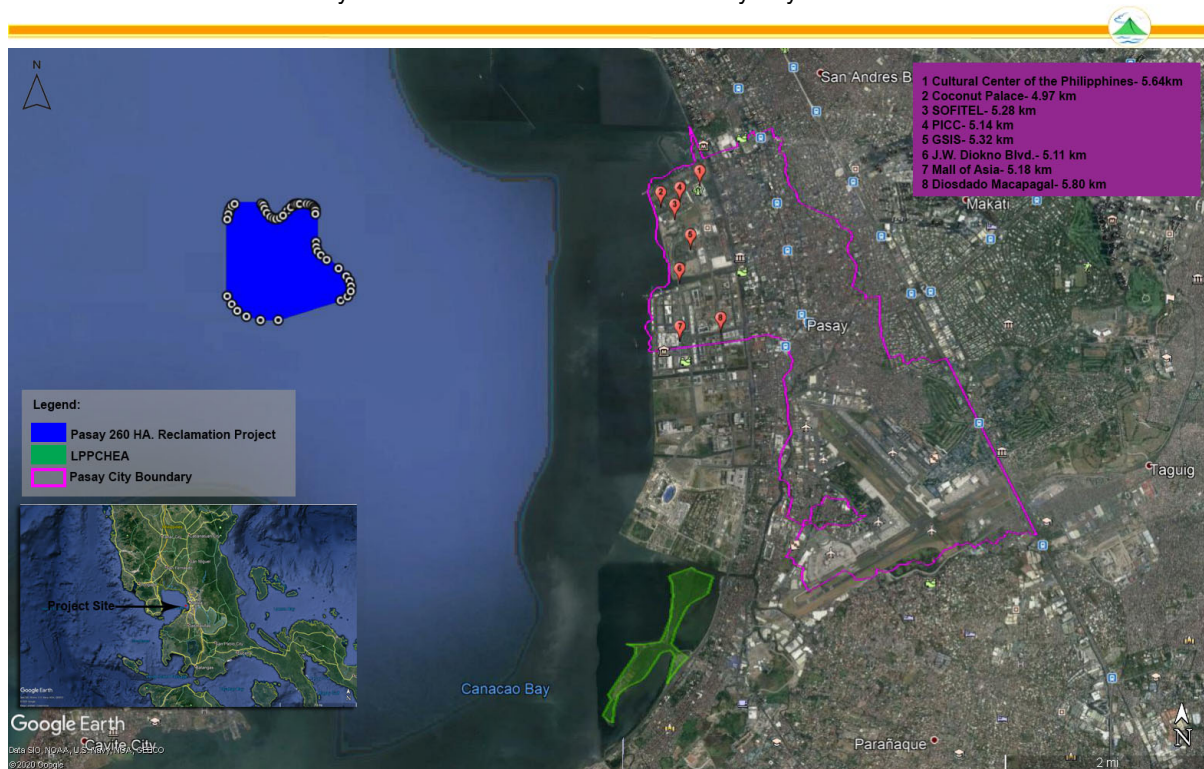


Figure 3. Project Area and its Vicinity in Google Earth

Geographic coordinates (shape file data) of project area (use WGS 84 datum - GPS setting)

The geographic coordinates of the project area are given below:



Table 3. Geographic Coordinates of the Project Area

Corner	Latitude	Longitude
1	14°33'11.96"N	120°55'49.48"E
2	14°33'10.33"N	120°55'49.50"E
3	14°32'56.15"N	120°55'49.84"E
4	14°32'53.65"N	120°55'49.93"E
5	14°32'51.55"N	120°55'50.58"E
6	14°32'49.57"N	120°55'52.37"E
7	14°32'47.22"N	120°55'55.39"E
8	14°32'42.90"N	120°56'1.60"E
9	14°32'39.01"N	120°56'5.61"E
10	14°32'36.64"N	120°56'7.27"E
11	14°32'33.96"N	120°56'8.06"E
12	14°32'31.40"N	120°56'7.95"E
13	14°32'28.73"N	120°56'6.27"E
14	14°32'26.80"N	120°56'2.70"E
15	14°32'16.92"N	120°55'30.18"E
16	14°32'16.86"N	120°55'20.94"E
17	14°32'18.74"N	120°55'13.61"E
18	14°32'21.58"N	120°55'8.86"E
19	14°32'24.88"N	120°55'5.99"E
20	14°32'28.93"N	120°55'3.63"E
21	14°33'7.53"N	120°55'3.63"E
22	14°33'10.13"N	120°55'4.16"E
23	14°33'12.50"N	120°55'4.88"E
24	14°33'14.24"N	120°55'5.94"E
25	14°33'15.29"N	120°55'7.42"E
26	14°33'15.29"N	120°55'21.51"E
27	14°33'14.57"N	120°55'22.43"E
28	14°33'12.95"N	120°55'23.01"E
29	14°33'10.84"N	120°55'24.17"E
30	14°33'8.85"N	120°55'26.07"E
31	14°33'8.03"N	120°55'27.71"E
32	14°33'7.80"N	120°55'29.11"E
33	14°33'8.27"N	120°55'31.01"E
34	14°33'9.46"N	120°55'32.65"E
35	14°33'11.90"N	120°55'34.81"E
36	14°33'13.65"N	120°55'36.75"E
37	14°33'14.49"N	120°55'37.87"E
38	14°33'14.85"N	120°55'38.44"E
39	14°33'15.14"N	120°55'39.17"E
40	14°33'15.30"N	120°55'40.18"E
41	14°33'15.29"N	120°55'41.38"E
42	14°33'15.29"N	120°55'45.00"E
43	14°33'14.99"N	120°55'46.66"E
44	14°33'14.33"N	120°55'48.09"E
45	14°33'13.48"N	120°55'48.99"E
46	14°33'12.77"N	120°55'49.30"E



The Project site relative to the Las Piñas-Parañaque Critical Habitat and Ecotourism Area (LPPCHEA or WPP LP). This is shown below.



Figure 4. The Project Site Relative to the LPPCHEA

Proposed buffers surrounding the area and primary and secondary impact areas

Impact Areas

The delineation of the EIA Study Areas is based on the Direct Impact Area (DIA) and the Indirect Impact Area (IIA). These study areas are identified in the discussions of the specific modules, i.e. Land, Water, Air and People.

THE PRE-EIS IMPACT AREAS FOR THE CONSTRUCTION PHASE UP THROUGH THE FORMATION OF LAND

The guidelines provided by the Revised Procedural Manual for the DENR Administrative Order 2003-30 relevant to this project are used for the delineation of the DIA and IIA, to wit:

- a. **Direct impact area (DIA)** is ... the area where ALL project facilities are proposed to be constructed/situated and where all operations are proposed to be undertaken. For most projects, the DIA is equivalent to the total area applied for an ECC.

For the proposed project, the DIA are:

- The reclamation area itself wherein the construction activities will be undertaken. This area is currently the body of water covered by the planned landform. There are no structures or fishing activities and settlers at the DIA.
- Barangay 76 Zone 10 fronting the site and hosting onshore establishments are considered DIAs for socio-economic aspects and perhaps for environmental/risks aspects as well, principally regarding flooding and storm surges.
- The PPA navigational lanes in the vicinity of the project site.



Major Basis for defining the DIA:

- Dredging – noise, sediment plumes, release of nutrients or contaminants from dredged sediments, dissolved oxygen depletion, habitat destruction and ecological impacts.
- Marine burrow works—the same as those due to dredging works with the addition of the possibility of reduction or removal of the natural supply of sand to existing beaches.
- The dredging works at the SNS are subject to separate requirements under the PEISS; the Proponent for the SNS is the Philippine Reclamation Authority.
- Land burrow works – noise, dust and smoke generation, and visual impact.
- Mud disposal—release of nutrients or contaminants from deposited sediments; other impacts similar to those due to dredging works.
- Fill delivery— noise and dust generation.
- Fill placement— noise, dust and smoke generation, and water quality impact.
- Final land form—interference in tidal flow, wave and sediment transport patterns, siltation, scour and reduced dispersion or dilution of discharges, water quality and ecological impact, elevation of ground water levels uphill, and possibility of causing erosion of the shoreline of existing beaches.
- Potential Pollution and Soil Erosion During Construction Phase

b. Indirect Impact Area (IIA) ...an IIA can be the stretch of the river/s OUTSIDE the project area but draining the project site which can potentially transport Total Suspended Solids and other discharges from the project towards downstream communities.

For the proposed project, the IIA are:

- Navigation lane outside of DIA.
- The other adjacent proposed reclamation projects are principally the Pasay 360 Hectare and Pasay 265 Hectare which have both been granted an ECC.

The Impact Areas Per DAO 2017-15, Section 10

10.1 The DIA shall be delineated based on the results of the assessment of the project's impact on air, water, land and people.

b) DIA for Water Quality & Quantity Impacts

The extend of water body/ies areas wehre the water quality arer projected to exceed the ambient standards based on relevant worst case scenario discharge modeling studies (sediment and pollutant discharges)

10.2 The IIA on the other hand, shall be delineated for impacts on people and shall include those in the vicinity of the DIA who will either benefit or be affected indirectly by the project.

Based on the foregoing the Impact Areas are delineated and presented in **Table 4**.



Table 4. Impact Areas

RATIONALE	MAJOR IMPACTS	SITES/IMPACT AREAS
DIRECT IMPACT AREA		
Land	Perception of Floods	Establishments fronting site namely <ul style="list-style-type: none"> • CCP-Manila Yacht Club Baywalk, • Asean Garden, Cultural Center of the Philippines (CCP)- Complex, Harbour Square, • Folk Arts Theater, • Coconut Palace Complex, • Sky Garden, Star City, • CCP Urban Forest, • Philippine International Convention Center (PICC), • Sofitel Philippine- Plaza Holdings, • Seaside Village Manila, • Manila Film Center, • Senate Fire Station, • Seaside Restaurant, • Government Service Insurance System (GSIS), • World Trade Center, • PNB Financial Center, • Center for International Trade Explosion and Mission (CITEM), Southeast Integrated Provincial Terminal, • Philippine Trade Trading Center
	Visual Impact (Construction Works at the bay)	At and vicinity of site
Water	Marine Ecology	At and vicinity of site
	Change in water circulation	260 hectare reclaimed land and immediate vicinities including identified proposed other reclamation projects with or nearing NTP
	Potential for silt dispersal	Within and immediate vicinity of the project site
	Change in seabed topography	Seabed of reclamation islands
	Accretion/erosion	Seabed of reclamation islands
	Potential conflict with PPA	Navigational Lane Close to Site
Air	Increased of Ambient Noise	At and vicinity of site
	Impacts on Existing Air Quality	At and vicinity of site
People	Positive impacts on employment and livelihood	City of Pasay especially impact barangay
	Positive impacts on economic uplift of the City of Pasay	City of Pasay
INDIRECT IMPACT AREAS		
Domain impacted by changes in circulation	Transport of particles	Body of water potentially affected by changes of circulation
Navigation of Dredging Vessel	Oil Spills	Along the navigational lane to San Nicholas Shoal
	Potential Damage to fish cages	Near the fish lifts in Cavite

The Direct and Indirect Impact Map is provided in Figure PD-8

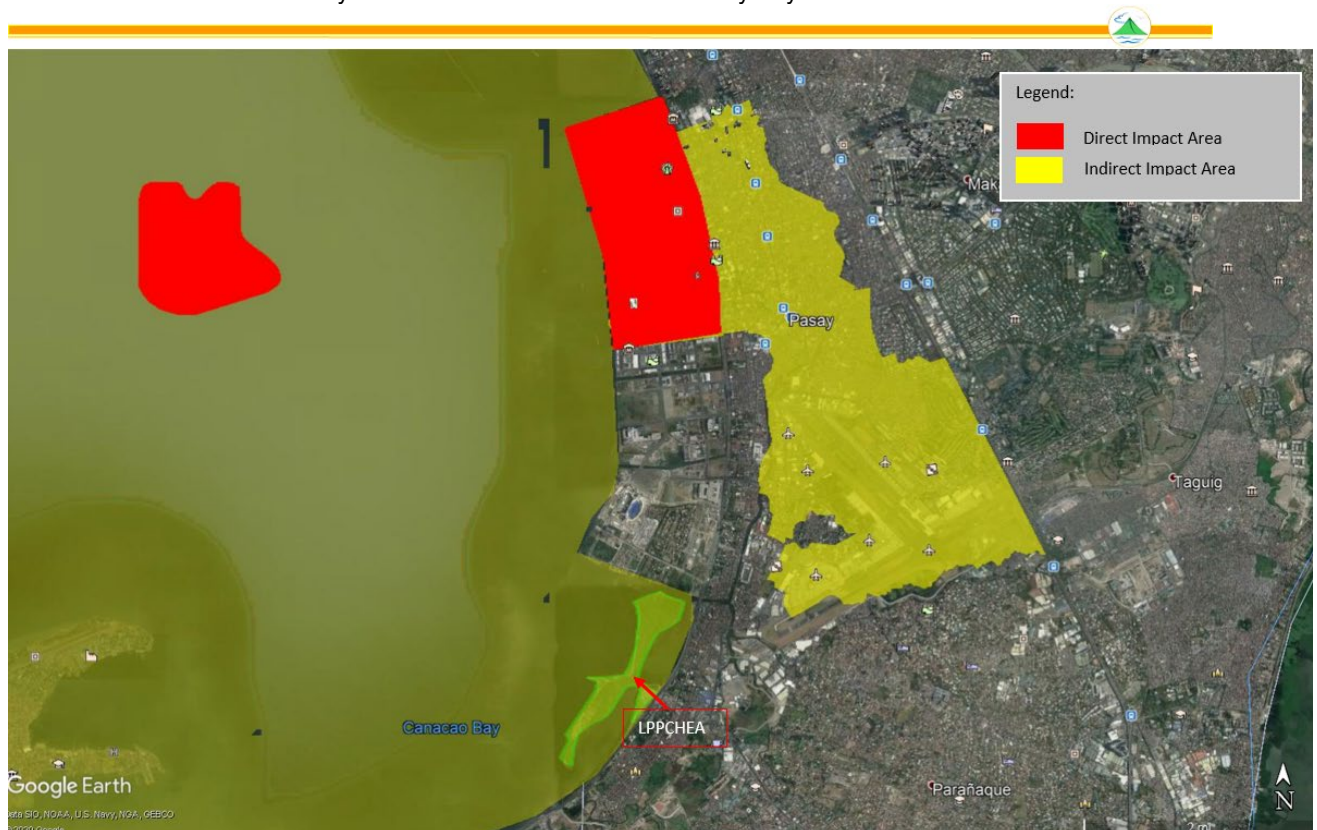


Figure 5. The Pre EIS Impact Areas

The Buffer Zones

Maybe generally define as a geographical zonal area that separates a project site from the impact areas (water, land, air and people) thereby providing added protection from the impacts of the project to communities/people and environmental resources.

Regulatory Guidelines

DAO 03-30 and the EMB MC 2014-005 do not provide clear definition of buffer zones while the E-Nipas Act stipulates the following:

“SEC.8 Buffer Zones. – When necessary, the DENR Secretary, upon the recommendation of the PAMB, may designate areas surrounding the protected areas as buffer zones for the purpose of providing extra layer of protection where restrictions may be applied: Provided, That, in cases where the designated buffer zone would cover private lands, the owners thereof shall be required to design their development with due consideration to the protected area management plan.”

For this reclamation project a key environmental resource is the **LPP WP (LPPCHEA)**

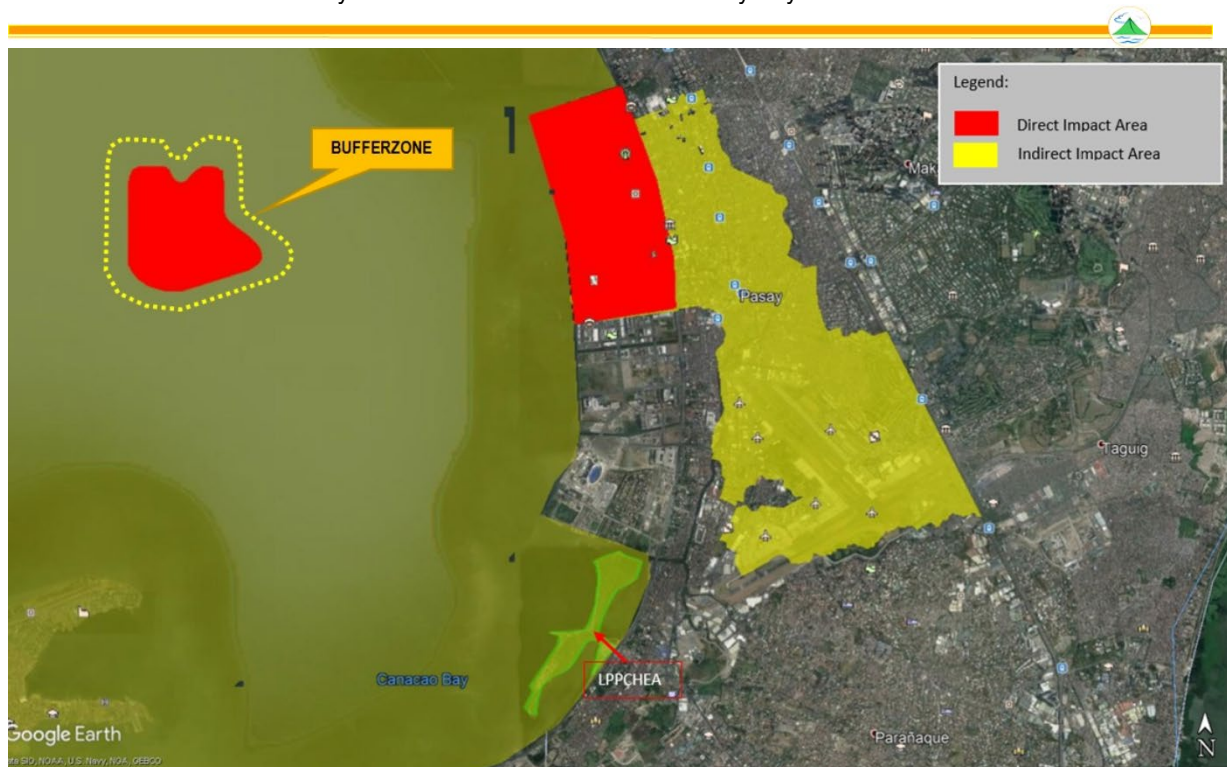


Figure 6. Map of the Tentative Buffer Zone

2.2 Project Rationale

The project is anchored on the following objectives and rationale:

The need for additional land noting that Pasay has the smallest land area in Metro Manila, shown below:

Significantly noted in this figure is that approximately **51 %** of the land of Pasay is dedicated to the airport complex and thus not available, at least in the foreseeable future, for other developmental and socio-economic projects.

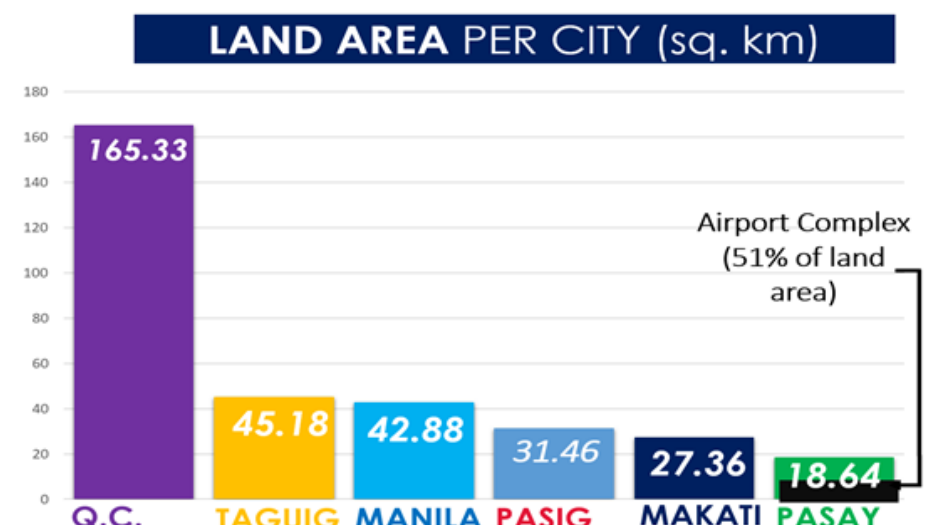


Figure 7. Land Area of Pasay relative to the other Metro Manila Cities

The proposed 2,600,000 square meters of reclaimed land is in line with Pasay City Ordinance No. 5768 (Series of 2016), which calls for the reclamation activities covering the identified areas located offshore of the current SM Mall of Asia Complex in Pasay City.



It is notable to recognize that another and adjacent Reclamation Project, i.e. the Pasay 265 Pasay Harbor Center Project has recently been granted an ECC. However, this alone as well as the other reclamation projects in Pasay City are not adequate to serve the Vision and Mission of the City in the long term.

The proponent City of Pasay believes that the proposed 260-hectare reclamation project will enhance and bring about meaningful progress to Pasay City and its people, and shall kick-start the favorable transformation of that section of the Manila Bay, instead of the area's further degradation. The proponent is cognizant of the mega success of its past reclamation projects – the CCP Complex and the Mall of Asia areas – as proof and blueprint for success of similar undertaking.

In 2015 alone, the City Government of Pasay was able to collect about Php3.2 billion in real property taxes, and business and work permits from the existing MOA reclamation area. With the proposed project, the proponent could derive larger financial benefits which will definitely translate to more and better services for the people of Pasay.

Additionally, the proposed 260-hectare project will:

- Further promote the well-being of the people of the City of Pasay especially in terms of employment and livelihood;
- Stimulate city growth by providing a basic infrastructure – land to investors;
- Provide the City with additional land at no cost to it. This may be gleaned from **Table 5**.
- Help solve congestion problems.

Table 5. Land Allocation Showing the Government Share (at no cost)

Pasay City Share (Inclusive of the share of the National Government which the PRA may require)	39 hectares	15%
Roads, Public Parks, and Open Space	78 hectares	30%
Total Government Share	117 hectares	45%
Project Developer (Pasay Harbor City Consortium)	143 hectares	55%
Total Reclaimed Area	260 hectares	100%

Thus, this proposed 260-hectare Pasay City Reclamation Project will satisfy the current and future demands of lands for tourism and commercial activities in accordance with Pasay City Ordinance No. 5768 (Series of 2016) and in support of the “build-build-build” developmental concept in Pasay City and in Metro Manila as envisioned by the current administration of President Rodrigo Duterte.

Additional socio-economic benefits:

Proceeds from the project in addition to its 260-hectare reclamation project shall enable the City to expand and continually provide for its existing and future projects as indicated in its Comprehensive Development Plan (CDP) such as (i) school and healthcare facilities and services; (ii) medical, burial, educational assistance; (iii) financial assistance to barangays and to victims of fire and other calamities; (iv) balik-probinsiya program; (v) social pension and senior citizens' welfare; (vi) cash gifts and financial and emergency relief assistance; (vii) medical missions and emergency relief programs; (viii) livelihood programs and so on.

Support/Enhancement of the mass transport system

1. A connection to the airport through the existing NAIA Expressway;
2. A connection to the southern gateway through the CAVITEX;
3. A connection to the northern gateway via C1 and C4 then to NLEX;
4. A connection to the seaport in Manila via Roxas Boulevard;



5. A connection to the rest of Metro Manila through existing and planned mass transport system; and
6. Each island development methodologies will be anchored on green building concepts and technologies, pedestrian centered transport system and a climate change resilient and adaptive measures.


On a regional and national context, the City of Pasay hosts the domestic and international airports, which provides vital infrastructure (air transportation) for regional and national interconnectivity and development. The reclamation projects will allow the continued growth of the infrastructures.

On the national context:

The project is in direct support of the President's Build-Build-Build Plan for the country and notably at no drain to the country's treasury.

At this time of the Pandemic with still no foreseeable end in sight, reclamation projects are seen as basic stimuli to national development. Without any doubt the recession that the Country is experiencing needs this type of project as a remedial response.

2.3 Project Components

Component	Size
Island	One Island - 260 Hectares (more or less)
Internal Road Network	30- m, 6 lane main roads with dedicated lanes for BRT. Other feeder and arterial roads: function of design
Drainage System	




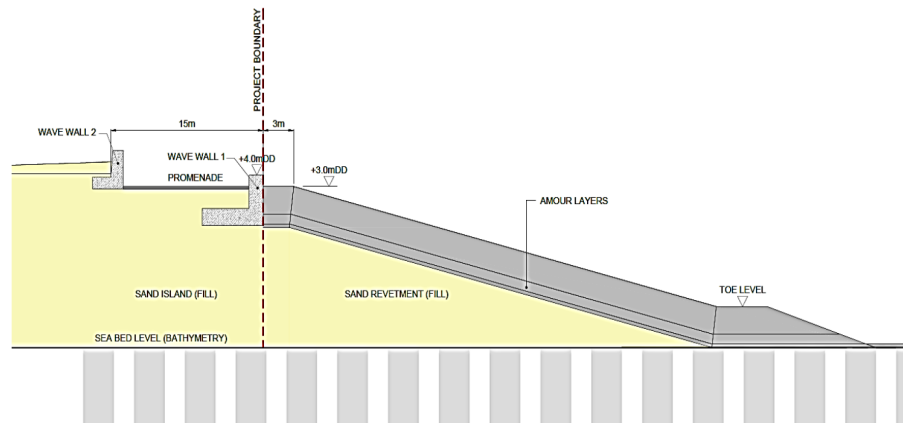

Containment Structure	<p>Sea wall and coastal protection shall be a function of design</p>  
Access Way (s)	<p>Connecting bridges to Pasay City Harbor Consortium (265ha project) and SMPH Phase 2</p> 
Marina	Under Design, located at north end of the project site. This is co-located in an area designated as "Residential Enclave with a yacht basin", taking inspiration from the water front development in Fort Lauderdale, Florida
International Zones	Under Design, this area is projected as a mixed of Office and Residential high rise buildings
Cruise Line Complex	Under Design, this area is projected as a mixed of "Port and Waterfront themed Hotel Tourism Complex", taking inspiration from the World Trade Center in Singapore
Waste Water Treatment Systems	Construction Phase: OWS/Bilge System in Vessels
Commercials	Under Design
Resource Utilization	Power Electricity Water Supply Telecommunication/ Communication



Figure 8. The Initial Development and Land Use Plan

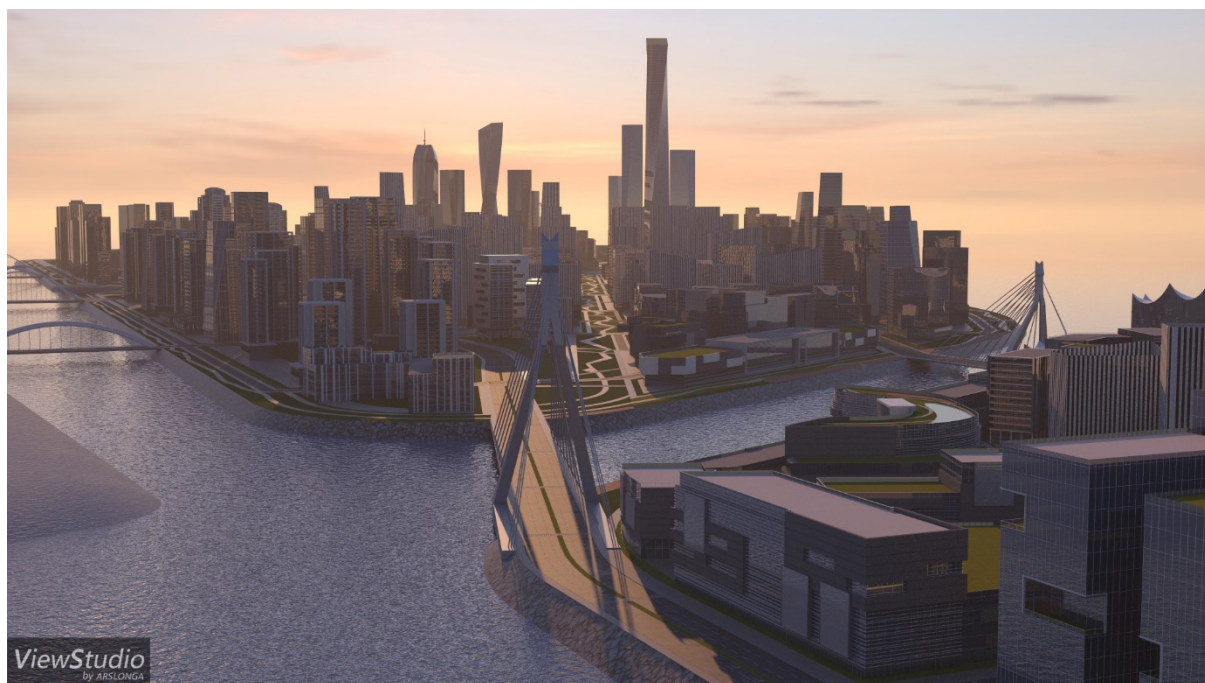


Figure 9. An Image based on the Initial Conceptual Master Development Plan



Table 6. Main impacts, mitigating measures, and performance

Activity	Impact	Mitigating Measures	Target Efficiency Performance
Site Preparation & Initial Works			
Dredging/Trenching of Channels for Turning Basin	Disturbance of Sea Bed and Silt Dispersal	Installation of Silt Curtains at approx.. 100 m from work sites at downstream of current direction Dredged materials stored at vessel hopper to prevent dispersal to sea	100 % compliance with DAO 2016-08 100 %
Site Clearing and Artifacts Survey. Removal of scraps, debris, plastics and rubbish materials and of possible ordnance remnants from World War 2 Artifacts survey w National Museum; w prior clearances and permits	Increase in turbidity due to silt dispersal	Installation of Silt Curtains at approx. 100 m from work sites at downstream of current direction	100 % compliance with DAO 2016-08
	Generation of solid wastes	Collected solid wastes shall be segregated and disposed on shore by a 3 rd party hauler No discharge to sea per MARPOL and PCG	100 %
Construction of Sand Keys	Disturbance of Sea Bed and Silt Dispersal	Installation of Silt Curtains at approx.. 100 m from work sites at downstream of current direction Dredged materials stored at vessel hopper to prevent dispersal to sea	100 % compliance with DAO 2016-08
Transport of dredged materials to disposal site	Water pollution due to accidental spill of dredged materials	100 % compliance with MARPOL and PCG	100 % compliance; no spillage to the Bay
Reclamation Activities			
Transport of Fill Materials to/from source to project site	Water Pollution due to Accidental Spillage of Oil or fill materials	Compliance w MARPOL and PCG Manila Bay Oil Spill Contingency Plan	100 % compliance with DAO 2016-08
	Generation of aqueous wastes	Bilge water management Compliance w MARPOL and PCG	100 % compliance with DAO 2016-08
	Generation of domestic garbage from vessel crews	Segregation, collection and disposal on shore by 3 rd party Hauler	100 % compliance with RA 9003
Filling of sand keys in reclamation area (below water level) Placement of armour rocks	Dispersal of silt resulting in increase in turbidity and suspended solids	Installation of silt curtains at approx. 100 m from work sites downstream of current Uses of floating pipeline and spreader pontoon or alternate methods to discharge fill materials	100 % compliance with DAO 2016-08
Filling of sand keys above water level	Water pollution due to increase in turbidity from silt dispersal	Installation of silt curtains at approx. 100 m from work sites downstream of current	100 % compliance with DAO 2016-08



Activity	Impact	Mitigating Measures	Target Efficiency Performance
Construction of containment structures	Also from domestic sources	Temporary facilities at onshore work sites Bilge waste water management in vessels	
	Dust pollution from open areas	Spraying with water using water tanker	100 % compliance with NAAQGV
	Noise pollution (nuisance) from operation of heavy equipment	Use of noise silencers Distant from ESRs	100 % compliance with DENR noise standards
Soil Stabilization and Horizontal Development			
Soil stabilization	Water pollution from domestic sources	Temporary facilities at onshore work sites	100 % compliance with DAO 2016-08
Horizontal Development Works Road networks/drainage Water and electricity distribution systems Power and communication systems	Sedimentation to the Bay	Sedimentation pond	100 % compliance with DAO 2016-08 esp on TSS
	Generation of hazardous wastes	Prevention	100 % compliance with RA 6969

2.5 Indicative Project Cost

	Component	Indicative Cost (Philippine Peso)
A	Reclamation works	58,300,000,000.00
B	Horizontal Development	5,528,000,000.00
C	Miscellaneous Cost	5,247,000,000.00
Total		72,000,000,000.00

2.6 Implementation Schedule

The proposed 260-hectare Pasay City reclamation project is a stand-alone project. The proponent will implement the project independently from the adjacent reclamation proposals based on the projects financial modeling that will be generated after the conduct of the more detailed investor feasibility study. The private proponent will commence with the reclamation activities upon issuance by the PRA of the Notice to Proceed (NTP) inclusive of all the necessary approvals and reclamation and development permits by appropriate government offices and agencies that has jurisdiction over the reclamation project. The preliminary implementation schedule is presented as follows:

Table 7. Schedule for Reclamation and Other Related Activities

N	Component	2019	2020	2021	2022	2023	2024	2025	2026 onward
A	Preparatory Works and Pre-Reclamation Activities								
1	Preparation and Submission of Proposal								
2	ECC, EGGAR and Area Clearance								
3	Preparation of Detailed Engineering Designs and Other Technical Plans								
4	Permitting and Documentations until Notice to Proceed								
B	Reclamation Activities and Site Development								
1	Site Preparation and Mobilization								

PROPOSED 260 HECTARES PASAY CITY RECLAMATION PROJECT
Pasay City Government
Within the Waters of Manila Bay in the Territorial Jurisdiction of Pasay City



N	Component	2019	2020	2021	2022	2023	2024	2025	2026 onward
2	Reclamation Works								
3	Construction of Utilities								
3.1	Roads and Bridges								
3.2	Drainage System								
3.3	Sewerage/STP								
3.4	Power Supply								
3.5	Telecommunications								
4	Landscaping / Pocket Forest								
C	Post Reclamation Activities and Land Development								
1	Buildings								
2	Urban Amenities								
3	Port Facility								
4	Waterfront / Boardwalk								



Plate 1. Photograph of the Nearest Water Structure (The Breakwater)



Plate 2. Drone Photograph of the Project Site





List of Invitees

a) Local Government Units

- 1. HON. MAYOR IMELDA G. CALIXTO-RUBIANO**
Pasay City Mayor
Pasay City Hall Building
F.B. Harrison, Pasay City
(632)8404-39-27 / 8831-52-22
8833-37-25
- 2. HON NOEL DEL ROSARIO**
Pasay City Vice Mayor
Pasay City Hall Building
F.B. Harrison, Pasay City
- 3. ENGR. MERLITA L. LAGMAY**
City Planning and Development Coordinator II
City Planning and Development Office
Rm. 211 Pasay City Hall Bldg.
F.B Harrison St., Pasay City, Philippines
- 4. Engr. Edwin Y. Javaluyas**
City Engineer II
City Engineer Office
Rm. 301 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines
(632)831-5925 / 833-3214 / 832-2446
- 5. MR. ENRIQUE S. PASCUAL III**
Community Affairs Officer IV
Pasay City Barangay Bureau
Rm. 305 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines
(632) 831-3322 / 831-3366
- 6. MR. NICANOR TEODORO**
Executive Assistant IV
Pasay City Barangay Bureau
Rm. 305 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines
(632) 831-3322 / 831-3366
- 7. MS. ELENITA L. SALGADO**
Officer-in-Charge
Business Permits and License Office
Rm. 207 Pasay City Hall Bldg.,
F.B. Harrison St., Pasay City, Philippines
(632) 551-1367
- 8. MR. GEORGE H. TIOPES**
CGADH II



Tourism and Cultural Development Office
Rm. 417 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines
(632) 551-1367

9. MS. ROSALINDA A. OROBIA

City Social Welfare Officer III
Pasay City Social Welfare & Development
Rm. 208 Pasay City Hall Bldg.,
F.B. Harrison St., Pasay City, Philippines
(632) 831-8871

10. CITY PLANNING AND DEVELOPMENT COORDINATOR

Pasay City Hall Building
F.B. Harrison, Pasay City
551-1367

11. CITY ENGINEER

Pasay City Hall Building
F.B. Harrison, Pasay City
831-5925 / 833 - 3214

12. CITY HEALTH OFFICER

Pasay City Hall Building
F.B. Harrison, Pasay City
551-2026

13. CITY COUNCILS OFFICE

Pasay City Hall Building
F.B. Harrison, Pasay City

14. Hon. Aileen C. Padua

Brgy. Councilor
Pasay City Hall Building
F.B. Harrison, Pasay City
833-3736

15. Hon. Editha Y. Manguerra

Brgy. Councilor
Pasay City Hall Building
F.B. Harrison, Pasay City
551-7655 / 551-7648

16. Hon. Donnabel M. Vendivel

Brgy. Councilor
Pasay City Hall Building
F.B. Harrison, Pasay City
551-1943

17. PASAY CITY TRAFFIC AND MANAGEMENT BUREAU

F.B. Harrison, Pasay City



18. LIGA NG MGA BARANGAY

Hon. Juie G. Gonzales - President
4th Floor Pasay City Hall Building
F.B. Harrison, Pasay City
833-02-96



.....**Pasay City Barangays**.....

- | | |
|--|---|
| <p>19. HON. ROSEMARIE B. SAN MIGUEL
Chairwoman
Brgy. 76 Zone 10
Pasay City</p> | <p>25. CHAIRMAN
Barangay 6, 23 Lourdes St. Pasay City
Tel No. 536-3456</p> |
| <p>20. CHAIRMAN
Barangay 1, 1739 Cuyegking St. Pasay City
Tel No. 0929-5268467</p> | <p>26. CHAIRMAN
Barangay 7, 14B San Juan St. Pasay City
Tel No. 546-7864</p> |
| <p>21. CHAIRMAN
Barangay 2, 488 Cuyegking St. Pasay City
Tel No. 0919-2134263</p> | <p>27. CHAIRMAN
Barangay 8, 2009 FB Harrison St. Pasay City
Tel No. 0921-3394345</p> |
| <p>22. CHAIRMAN
Barangay 3, 1807 Cuyegking St. Pasay City
Tel No. 524-5544</p> | <p>28. CHAIRMAN
Barangay 9, 90 Gil Puyat Ave., Pasay City
Tel No. 524-7945</p> |
| <p>23. CHAIRMAN
Barangay 4, 1855 R. Tankian St. Pasay City
Tel No. 0920-4542073</p> | <p>29. CHAIRMAN
Barangay 10, 54 Sta. Monica St. Pasay City
Tel No. 831-5451</p> |
| <p>24. CHAIRMAN
Barangay 5, 43 Lourdes St. Pasay City
Tel No. 0918-2463920</p> | <p>30. CHAIRMAN
Barangay 11, 64 Antipolo St. Pasay City
Tel No. 0905-4180849</p> |
| | <p>31. CHAIRMAN
Barangay 12, 54 San Luis St. Pasay City
Tel No. 831-2383</p> |

.....**City of Manila**.....

- | | |
|--|--|
| <p>32. HON. MAYOR FRANCISCO “ISKO” MORENO
City Mayor
Manila City Hall, Arroceros, Manila
(02) 8527 0994</p> | <p>35. CITY ENGINEER
Dept. of Engineering & Public Works
3rd Floor Manila City Hall, Arroceros, Manila</p> |
| <p>33. HON. MARIA SHEILAH “HONEY” LACUNA-PANGAN
City Vice Mayor, Manila
Manila City Hall, Arroceros, Manila</p> | <p>36. CITY PLANNING & DEVELOPMENT OFFICE
3rd Floor Manila City Hall, Arroceros, Manila</p> |
| <p>34. MANILA CITY COUNCIL
4th Floor Manila City Hall, Arroceros, Manila</p> | <p>37. CITY TRAFFIC & PARKING BUREAU
3rd Floor Manila City Hall, Arroceros, Manila</p> |

..... Las Piñas City

- | | |
|--|-----------------------|
| <p>38. HON. MAYOR IMELDA AGUILAR
Alabang Zapote Road, Pamplona Tres</p> | <p>Las Piñas City</p> |
|--|-----------------------|



Las Piñas City

- 39. HON. VICE MAYOR APRIL A. NERY**
Alabang Zapote Road, Pamplona Tres
..... Parañaque City
09292325149 / 8931-5001 loc. 7281
- 40. LAS PIÑAS CITY COUNCIL**
Alabang Zapote Road, Pamplona Tres
Las Piñas City
- 41. HONORABLE MAYOR EDWIN OLIVAREZ**
San Antonio Valley 1
Parañaque City
884-2163 / 822
- 42. HONORABLE VICE MAYOR ENRICO GOLEZ**
San Antonio Valley 1
Parañaque City
8478-5477 / 0998975417
- 43. PARAÑAQUE CITY COUNCIL**
San Antonio Valley 1
Parañaque City
- 44. Hon. Eric L. Alvarez**
Brgy. Councilor
San Antonio Valley 1
Parañaque City
- 45. Hon. Joy S. Tambunting**
Brgy. Councilor
San Antonio Valley 1
Parañaque City
8951-1936 / 8546-5851 to 52
- 46. CITY PLANNING & DEVELOPMENT OFFICE**
San Antonio Valley 1
Parañaque City
- 47. CITY ENGINEER**
San Antonio Valley 1
Parañaque City
- 48. CITY TRAFFIC MANAGEMENT OFFICE**
San Antonio Valley 1
Parañaque City



b) Government Agencies

- 49. MS. DONNA MAYOR- GORDOVE CESO IV**
Executive Director
Manila Bay Coordinating Office
DENR Building, Visayas Avenue, Diliman, Quezon City, 1100, Metro Manila
Tel. No. 928-1225
- 50. MS. JACQUELINE A. CAANCAN, CESO V**
OIC, Regional Executive Director
DENR-National Capital Region
Nursery Compound, North Avenue, Diliman, Quezon City
Tel No. 373-34-33
- 51. ATTY. DOMINGO M. CLEMENTE**
Regional Director
DENR-EMB NCR
National Ecology Center Compound
East Avenue, Diliman, Quezon City
(02) 931-133
- 52. ENGR. ESPERANZA A. SAJUL**
Chief, EIAMD
DENR -EMB Central Office
DENR Compound, EMB Building, Visayas Avenue
(8) 920-2240
eia@emb.gov.ph
- 53. MR. MELVIN B. NAVARRO**
Regional Director
Department of Public Works and Highways (DPWH)
2nd Street, Port Area, Manila
(02) 304 3195
- 54. BERNADETTE ROMULO-PUYAT**
Secretary
Department of Tourism
OIC, Regional Director, Department of Tourism-NCR
DOT Bldg., 351 Sen. Gil Puyat Avenue 12., Makati City
(632) 890-0694
sbrp@tourism.gov.ph
- 55. COMMODORE EDUARDO B. GONGONA**
Director
BUREAU OF FISHERIES AND ACQUATIC RESOURCES (BFAR)
PCA Compound, Q. C. Elliptical Road, Diliman, Quezon City, 1101 Metro Manila
(929-8074, 929-9597)
- 56. DR. FRANCISCO DUQUE III**
Secretay
DEPARTMENT OF HEALTH (DOH)
San Lazaro Compound, Tayuman, Sta. Cruz, Manila
651-7800



ffduque@ddh.gov.ph

57. MR. JAY DANIEL R. SANTIAGO
General Manager
PHILIPPINE PORTS AUTHORITY (PPA)
PPA Corporate Bldg. Bonifacio Drive, South Harbor, Port Area, Manila 1018, Philippines
527-4855 or 527-83-56 to 83
(0632) 7-954-8800
ogm@ppa.com.ph
58. BRIG. GEN. DANILO DELAPUZ LIM (Ret)
Chairman
Metropolitan Manila Development Authority (MMDA)
MMDA Bldg., EDSA cor. Orense St., Guadalupe, Makati City
Directline (632) 882-0854; 882-0893
59. **USEC. JOSE ARTURO S. GARCIA JR.**
General Manager
Metropolitan Manila Development Authority (MMDA)
Edsa cor. Orense St., Guadalupe, Nuevo, Makati City
882-0916
882-4151 to 77 loc. 1056
60. **ADM JOEL S. GARCIA PCG, Ph.D.,**
Commandant, Commandant for Administration
PHILIPPINE COAST GUARD (PCG)
139 25TH St. South Harbor,
Port Area, 1018 Manila
61. ATTY. JANILO E. RUBIATO
General Manager and Chief Executive
Philippine Reclamation Authority (PRA)
7th Floor, Legaspi Towers 200 Bldg, 107
Paseo de Roxas Street, Legaspi Village, Makati City
02-817-4711
(632) 8494-5000
62. **VICE ADMIRAL ROBERT EMPEDRAD, AFP**
Flag Officer in Command (FOIC)
Philippine Navy
Naval Station Jose V Andrada
#2335 Roxas Boulevard, Manila
PLDT Line: +632-524-20-61 to 69
63. **MR. STEPHEN ADRIAN ROSS**
Executive Director
Partnership in Environmental Management for the Seas of East Asia (PEMSEA)
DENR Compound, Diliman Quezon City
+63 29292992
64. **RICARDO L. CALDERON**
OIC Assistant Secretary of Climate Change and Director (in concurrent capacity)
Biodiversity Management Bureau (BMB)
Department of Environment and Natural Resources
Ninoy Aquino Parks and Wildlife Center,



Diliman, 2200 Quezon City
Philippines
+632-297-4788
fmb_director@mozcom.com

65. CLIMATE CHANGE COMMISSION

Bulwagan Ninoy
Ninoy Aquino Parks and Wildlife,
North Avenue, Quezon City

(632) 8353 8494

66. MR. JAIME “JOEY” MEDINA

General Manager
Laguna Lake Development Authority (LLDA)
4/F Annex Bldg., Sugar Regulatory Administration (SRA) Compound
North Ave., Diliman, Quezon City
Phone 332-2346
(02) 8926 2611

67. ENGR. EMITERIO C. HERNANDEZ

Hydrologist
Laguna Lake Development Authority (LLDA)
4/F Annex Bldg., Sugar Regulatory Administration (SRA) Compound
North Ave., Diliman, Quezon City
Phone 376-4044

68. MR. ARSENIO J. LIZASO

President
Cultural Center of the Philippines
CCP Complex, Roxas Boulevard, Pasay City, Metro Manila, Philippines
Phone: Trunkline (632) 832-1125; Directline (632) 834-0468
864-1121
ccp@culturalcenter.gov.ph

69. DR. RENATO U. SOLIDUM Jr.

Director
Philippine Institute of Volcanology and Seismology (PHIVOLCS)
PHIVOLCS Building, C.P. Garcia Avenue, U.P. Campus, Diliman
Quezon City, Philippines
(632) 8459-5200 to 5230 loc 100-102

70. MR. ERNESTO M. PERNIA

Director General
National Economic and Development Authority (NEDA)
No. 12 St. Jose Maria Escriva Drive,
Ortigas Center, Pasig City
EMpernia@neda.gov.ph
(632) 631-3716, (632) 631-3723

71. FERNANDO SIRINGAN, Ph.D.

National Academy of Science and Technology (NAST)



3rd Level Science Heritage Building,
DOST Complex Bicutan,
Taguig City
(02) 8838 7739

72. JEREMY R. BARNES, CESO III

DIRECTOR IV
NATIONAL MUSEUM OF THE PHILIPPINES
P.Burgos Drive, Rizal Park, Manila
02-527-1209
527-1215

73. DR. RENE R. ESCALANTE

Chairman
NATIONAL HISTORICAL COMMISSION OF THE PHILIPPINES (NHCP)
NHCP Building, T.M. Kalaw St., Manila, 1000
Tel No. +632.536.3181
+63 2 335 1288
nhcp.chair@gmail.com
records.nhcp@gmail.com
records@nhcp.gov.ph

74. Atty Myra Marie D. Villarica

Senate Secretary
SENATE OF THE PHILIPPINES
6TH Flr., Senate of the Philippines, Roxas Blvd.,
Pasay City
(632) 8-552-6601 TO 6670 loc. 6123 (25 to 29)
(632) 8-552-6676

75. Sec. Teodoro L. Locsin, Jr.

DEPARTMENT OF FOREIGN AFFAIRS (DFA)
2330 Roxas Blvd. Pasay City
8 551-0357; 8 834-4881; 8 834-4160
osec@dfa.gov.ph; osec.coord@dfa.gov.ph

76. Ms. Paulina Suaco-Juan

Executive Director
Center for International Trade Expositions and Missions (CITEM)
Golden Shell Pavilion, Roxas Boulevard cor. 1300
Sen. Gil J. Puyat Ave, Pasay, 1300 Metro Manila
8-831-2382
psjuan@citem.com.ph

77. GREGORIO B. HONASAN II

Secretary
Department of Information and Communications Technology (DICT)
C.P Garcia Ave., Diliman Quezon City
(632) 552-6601 to local 70
pivo720@yahoo.com
gringobhonasan@gmail.com



- 78. Sec. Alfonso G. Cusi**
Secretary
Department of Energy
Energy Center, Rizal Drive, Bonifacio Global City
Taguig City, Philippines 1632
8840-2008
sec.alfonsocusi@gmail.com
- 79. CAPTAIN JIM C. SYDIONGCO**
Director General, Department of Transportation
Civil Aviation Authority of the Philippines (CAAP)
Headquarters: NAIA Road, Pasay, Metro Manila
7944-2001
- 80. MR. JOSE ANGELITO M. PALMA**
President, World Wildlife Fund
WWF-Philippines Headquarters
4th Floor JBD Plaza #65 Mindanao Avenue
Barangay Bagong Pag-asa, Quezon City
1105 Philippines
- 81. LILIANE REJANTE-MANAHAN**
Chairperson
Heritage Conservation Society (HCS)
G/F Museo Pambata Building, Roxas Boulevard, Ermita Manila, Philippines
+63 34 399 3588
- 82. NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY (NAMRIA)**
DENR-FMB Compound, Visayas Avenue,
Quezon City
- 83. NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY (NAMRIA)**
Lawton Avenue, Fort Andres Bonifacio,
Taguig City
(632) 8810-4831 to 34
(632) 8241-3494
- 84. ROLANDO L. MACASAET**
Chairman and Acting President and General Manager
Government Services Insurance System (GSIS)
Financial Center
Pasay City, Metro Manila
8-859-03353

c) Interest Groups NGOs / Pos

- | | |
|--|--|
| <p>85. The President
Emma Homeowners Association Inc.
No.61 Emma St. Pasay City</p> | <p>86. The President
Prime Movers Multi Purpose Cooperative
Rm. 426 4th F Pasay City Hall Pasay City</p> |
|--|--|



- | | |
|--|---|
| 87. The President
Pasay City Network for the Protection of
Children
2442 Torres Bldg. Park Ave. Pasay City | 94. The President
Geronimo Homeowners Association Inc.
282 M. Geronimo St. Malibay Pasay City |
| 88. The President
Our Lady of Sorrows Outreach Foundation
2130 F.B. Harrison St. Pasay City | 95. The President
Family Touch Malibay Association Inc.
842 A I. Santos St. Malibay Pasay City |
| 89. The President
Peace and Order Force Multiplier
181 P. Santos St. Malibay Pasay City | 96. The President
SPECS Foundation Inc.
53 Cementina St. Pasay City |
| 90. The President
Eduardo "DUAY" Calixto Foundation Inc.
167 San Juan St. Malibay Pasay City | 97. The President
SERRAS Center for Girls
162 Sinsiego St.F.B.Harrison St. Pasay City |
| 91. The President
Maricaban Market Vendors Association Inc.
Block 23 Snt. Peter St. Maricaban Pasay
City | 98. The President
Pangarap Foundation
2503 Taft Ave. cor. Escobal St. Pasay City |
| 92. The President
Sun Valley NAIA Stall Owner & Vendors
Association Inc.
No.16 Sun Valley Drive NAIA, Pasay City | |
| 93. The President
E.Cornejo Vitalez Residents Association Inc.
No.741 Vitales St. Malibay Pasay City | |



d) Household, Business activities, Industries

- 99. COMMODORE ILDEFONSO TRONQUED JR.**
Manila Yacht Club
2351 Roxas Boulevard, Malate,
City of Manila, Metro Manila 1000
+63(2) 521 4458
- 100. THE PRESIDENT**
OFFICE OF THE PHILIPPINE PLAZA HOLDINGS, INC.
Sofitel Manila
Philippine Plaza Holdings, Inc.
Room 155 Sofitel Phil. Plaza CCP Complex
Roxas, Boulevard, Pasay City
551-5625
551-5619
- 101. MR. WILSON TIENG**
Manila Goldcoast Development Corporation
12th Floor, Solar Century Tower, Tordesillas cor. Dela Costa Sts., Makati City
813-7000
- 102. Mr. JEFFREY C. LIM**
Director and President
SM Prime Holdings, Inc.
10th Floor, Mall of Asia Arena Annex Building, Coral Way, Pasay City
- 103. CITY OF DREAMS MANILA**
Asean Avenue corner Roxas Boulevard,
Entertainment City, Parañaque 1701,
Manila, Philippines
(632) 800-8080
- 104. ANCHOR LAND HOLDINGS INC.**
15TH Floor C.C. Locsin Bldg.
6752 Ayala Ave.
(02) 488-7988 loc. 203
- 105. HOTEL JEN MANILA**
3001 Roxas Boulevard, Pasay City, Metro Manila
795-8888
- 106. Mr. Sergio R. Ortiz-Luis Jr.**
President & CEO
Philippine Exporters Confederation, Inc. (PHILEXPORT)
ITC Complex, Sen. Gil Puyat
Avenue, corner, 1308 Roxas Blvd, Pasay, Metro Manila
- 107. Ms. Ma. Flordeliza C. Leong**
Assistant Vice President, Advocacy and Communications Department
Philippine Exporters Confederation, Inc. (PHILEXPORT)
ITC Complex,
Sen. Gil Puyat Avenue, corner,



1308 Roxas Blvd, Pasay, Metro Manila
(02) 8230 5555

108. The President

Solaire Resort & Casino
Entertainment City, 1 Aseana Ave.
Paranaque, 1701 Metro Manila

109. The President

Okada Manila
New Seaside Drive, Entertainment City
Paranaque City, 1701 Metro Manila Philippines

110. The President

ADVENTIST DEVELOPMENT AND RELIEF AGENCY (ADRA) FOUNDATION
North Philippine Union Conference, San Juan corner Donada Streets, Pasay City

111. The President

INTERNATIONAL BAZAAR FOUNDATION, INC.
6/F DFA Building
Roxas Boulevard, Pasay City

112. The President

OBLATE SISTERS OF THE MOST HOLY REDEEMER, INCORPORATED – SERRA'S CENTER FOR GIRLS
Main Office Address
#9 St. Jude Street, Multinational Village, Parañaque City
Facility Address
#162 Sinciego Street, F.B. Harrison, Pasay City

113. COCONUT PALACE

Cultural Center of the Philippine Complex
Roxas Boulevard, Manila

114. ARCHITECT FELINO “JUN” PALAFOX, JR.

Palafox & Associates
5/f PCCI Corporate Center, 118 L.P. Leviste Street,
Salcedo Village, Makati city 1227, Philippines

115. Office of the President

De La Salle University
14th Floor, Henry Sy, Senior Hall
De La Salle University,
2401 Taft Avenue,
1004 Manila
Tel. 524-1611 loc. 802

116. Office of the President

De La Salle College of St. Benilde
2544 Taft Avenue, Malate Manila
Tel. 230-5100 loc 1801 to 1803



117. PRESIDENT

Tanghalang Francisco Balagtas
F. Ma. Guerrero St., Pasay Metro Manila

118. PRESIDENT

Gloria Maris Shark's Fin Restaurant
CCP Complex, Roxas Blvd. Pasay, 1300 Metro Manila
02-831-3816

119. PRESIDENT

Sky Garden by the Bay Restaurant
Brgy. 719 Zone 78 Trellis 2 Asean Promenade Pedro Bukaneg St.
CCP Complex, Pasay, Metro Manila
0917-639-3821

120. PRESIDENT

Star City
Vicente Sotto St. CCP Complex, Pasay Metro Manila
02-832-3249

121. PRESIDENT

Upside Down Museum
Boom na Boom Grounds CCP Complex, Roxas Blvd. 1300 Metro Manila
02-834-8997

122. PRESIDENT

Seascape Village
Atang Dela Rama, Pasay, Metro Manila
0917 807-6171

123. PRESIDENT

Manila Film Center
Cultural Center of the Philippines, Roxas Blvd. Pasay City 1300
02-834-8870

124. PRESIDENT

HK Sun Plaza
Diosdado Macapagal Blvd. Pasay Metro Manila

125. PRESIDENT

Senate Fire Sub-Station
Jose Diokno Boulevard, Pasay, Metro Manila
02-552-6601 loc. 1999

126. PRESIDENT

Hobbies of Asia
Diosdado Macapagal Avenue Pasay, Metro Manila
02-556-2007



127. PRESIDENT

Hyundai Manila Bay
Diosdado Macapagal Avenue, Pasay City, 1307 Metro Manila
02-556-1493

128. PRESIDENT

Philippine National Bank – Financial Center
Pasay, Kalakhang Maynila
02-573-88888

129. PRESIDENT

Philippine Trade Training Center
Cor. Sen J. Gil J. Puyat Ave, Pasay Metro Manila
02-263-2878

130. PRESIDENT

Seaside Restaurant
105, Roxas Boulevard, Diosdado Macapagal Boulevard, Pasay, 4115 Metro Manila
(02) 843 4545

131. PRESIDENT

Harbor Square
CCP Complex, Roxas Blvd.
PICC Reclamation Area, Pasay City

132. PRESIDENT

World Trade Center Metro Manila
2/F WTCMM Building, Gil Puyat Avenue Extension corner Diosdado Macapagal Blvd.,
Pasay City, Metro Manila 1300

e) Local Institutions (schools, churches, hospital)

133. ARCHBISHOP LUIS ANTONIO G. TAGLE

The Archdiocese of Manila
121 Arzobispo St, Intramuros, Manila, Metro Manila
527-3962

134. REV. FR. BENITO TUAZON

Ministry on Ecology and Commission on Social Services and Development
The Roman Catholic Archdiocese of Manila
Caritas Manila Compound
2002 Jesus St., Pandacan, Manila

135. SCHOOL DIVISION SUPERINTENDENT

Divisions of City Schools, Pasay
Zamora St., Pasay City

f) Others:

136. CENTER FOR ENVIRONMENTAL CONCERNS

No. 26 Matulungin Street, Barangay Central,
Diliman, Quezon City, 1100 Philippines



137. PASAY BOAT OPERATORS

Libertad Channel
Pasay City

138. THE UNITED ARCHITECTS OF THE PHILIPPINES

UAP Building, 53 Scout Rallos Street, Barangay Laging Handa
Diliman 1103 Quezon City, Philippines
Phone (+632) 4126403; 4126364; 4123311; 4120051; 4126394

139. SAVE MANILA BAY PHILIPPINES

<https://www.facebook.com/savemanilabay>

140. SAVE OUR SUNSET (SOS) MANILA BAY PHILIPPINES

<https://www.facebook.com/savemanilabay>

g) with possible interest in LPPCHEA

141. SOCIETY FOR THE CONSERVATION OF PHILIPPINES WETLANDS, INC.

Unit 208 Grand Emerald Tower, F. Ortigas Ave. corner Garnet St., Ortigas Center, Pasig City,
Philippines 1605 T/F: +63 2 637 2409

142. VILLAR SIPAG

C5 Extension Road, Pulanglupa Uno
Las Piñas City, Philippines 1740
Tel. No. (632) 551-1871
villar_sipag@yahoo.com.ph

143. SENATOR CYNTHIA A. VILLAR

Senate Office: Rm. 503 GSIS Bldg., Financial Center, Diokno Blvd., Pasay City
Direct Line: (632) 552-6715
Email: sencynthiavillar@gmail.com

144. BULUNGAN SEAFOOD MARKET

Coastal Road, Paranaque City, Metro Manila

**PASAY CITY GOVERNMENT
INFORMATION, EDUCATION AND COMMUNICATION (IEC) REPORT
PROPOSED 260-HECTARE
PASAY CITY RECLAMATION PROJECT
TO BE LOCATED ALONG THE COAST OF MANILA BAY UNDER THE TERRITORIAL
JURISDICTION OF PASAY CITY**

1.0 Date, Venue and Objectives

The Information Education and Communication (IEC) Activity was conducted last 07 February 2020, 8:30am at Cuneta Astrodome Pasay City

The IEC was conducted with the objective of preparing the public scoping process by providing information about the project, the proponent and the scoping process.

2.0 Basis for Selection of Participants

As provided in DENR Administrative Order No. 2017-15 on Guidelines on Public Participation under the Philippine Environmental Impact Statement (EIS) System Section 5.2, the IEC shall have the following groups as participants

- a) Local government units in areas where all project facilities are proposed to be constructed/situated and where all operations are proposed to be undertaken
- b) Government agencies with related mandate on the type of project and its impacts.
- c) Interest groups (NGOs/POs) preferably those with mission/s specifically related to the type of impacts of the proposed undertaking/project
- d) households, business activities, industries that will be displaced
- e) people whose socio-economic welfare and cultural heritage are projected to be affected by the project especially vulnerable sectors and indigenous populations
- f) local institutions (schools, churches, hospital)

3.0 Invitations

Formal letters of invitation were sent out to target participants. Pasay City Government Office delivered the invitations a week before the conduct of the IEC. Receiving Copies of Invitation Letters have been retained (**Annex 1.0**) as well as the Official List of Invitees (**Annex 2.0**).

4.0 Attendance Sheets

Among those invited were LGU Officials, Government Offices, Non-Government Organizations (NGO)/ People's Organization (PO), Private Offices and Barangays. Out of 75 stakeholders officially invited, 103 registered attendance.

Attendance Sheets are in **Annex 3.0**.

5.0 Protocol and Program

The IEC started at 8:30am with the registration of participants. The program started with the opening remarks from Pasay City Government and included the introduction of the attendees. This was followed by the project presentation and an open forum to address the questions from the participants.

- Registration
- Invocation and National Anthem
- Introduction and Acknowledgement of Participants
- Welcome Remarks

- Brief Overview of the EIS System: Objectives and Mechanics of the Information, Education and Communication
- Brief Presentation of the Project
Presentation of Project
Presentation of the Initial/Predicted Environmental Impacts and Mitigation Measures
- Open Forum
- Closing Message

6.0 IEC Presentation

The IEC Presentation, which include brief project description and the discussions on environmental impacts and mitigating measures are provided in **Annex 4.0**. The presentation was followed by a Question and Answer Session as recorded in a Summary Matrix Format in **Annex 6.0**.

7.0 Project Description Report

8.0 Photographs of the IEC Activity

*Provided in **Annex 5.0***

9.0 Annexes

Annex 1.0 Typical Invitation Letter
Annex 2.0 List of Invitees
Annex 3.0 Attendance Sheets
Annex 4.0 IEC Presentation
Annex 5.0 Photographs of the IEC Activity
Annex 6.0 Summary Matrix of Issues and Concern
Annex 7.0 Perception Survey Results

10.0 Materials for Public Scoping

Annex A Sample Invitation
Annex B Initial Lists of Invitees
Annex C Sample PowerPoint Presentation

PROJECT DESCRIPTION

1.0 BASIC PROJECT INFORMATION

Table 1. Project Information

ITEM	Project Information
Name of Project	Proposed 260 Hectare Pasay City Reclamation Project
Project Location	Within the Waters of Manila Bay In the Territorial Jurisdiction of Pasay City
Nature of Project	Reclamation Project ECP in an ECA (Presidential Proclamation 2146 dated 14 December 1981)
Project Category per EMB Memorandum Circular 2014-005	Category A: Environmentally Critical Project (ECP) Major Reclamation Project ≥ 50 hectares
Project Classification Code per EMB Memorandum Circular 2014-005	3.3 Reclamation and other land restoration project
Size/Scale	260 Hectare More or Less
Status of ECC	Being Applied For

Table 2. Project Proponent / EIA Preparer

ITEM	Project Information
Project Proponent	Pasay City Government
Proponent Address	F.B. Harrison St., Pasay City
Telephone Number	Office of the City Mayor: (02) 833-3729
Responsible Officer	The Honorable Mayor Imelda Calixto-Rubiano
EIA Preparer	Technotrix Integrated Services Corp.
Contact Person	Hazel A. Victoriano (Managing Director)
Address	Unit 1206 12 th Floor The Trade and Financial Tower 32 nd Street corner, 7 th Avenue Bonifacio Global City, Barangay Fort Bonifacio Taguig City
Contact Numbers	Telefax No. (+632) 2115750; 0917.8255203
Email address	technotrix.tisc@gmail.com

2.0 PROJECT DESCRIPTION

The Proposed reclamation project covers 260 hectares involving (1) island. Consistent with the protocol of the Revised Procedural Manual (RPM), the Environmental Compliance Certificate (ECC) application being applied for involves only the horizontal development phase. The operations phase will be subject to the applicable requirements of the Philippine EIS System (PEISS).

The private sector project developers for the original (360 hectares); the supplementary (265 hectares) and the new 260-hectare reclamation projects will be different and separate corporate entities; and the project timetables will be different hence a separate ECC is applied for.

2.1 Project Area, Location and Accessibility

Location and Political Boundaries

The project consisting of one (1) island, is located west of Metro Manila, within the municipal waters of Pasay City and adjacent to the City of Manila. It is adjacent to the 265 – Hectare Pasay City Harbour Reclamation Project.

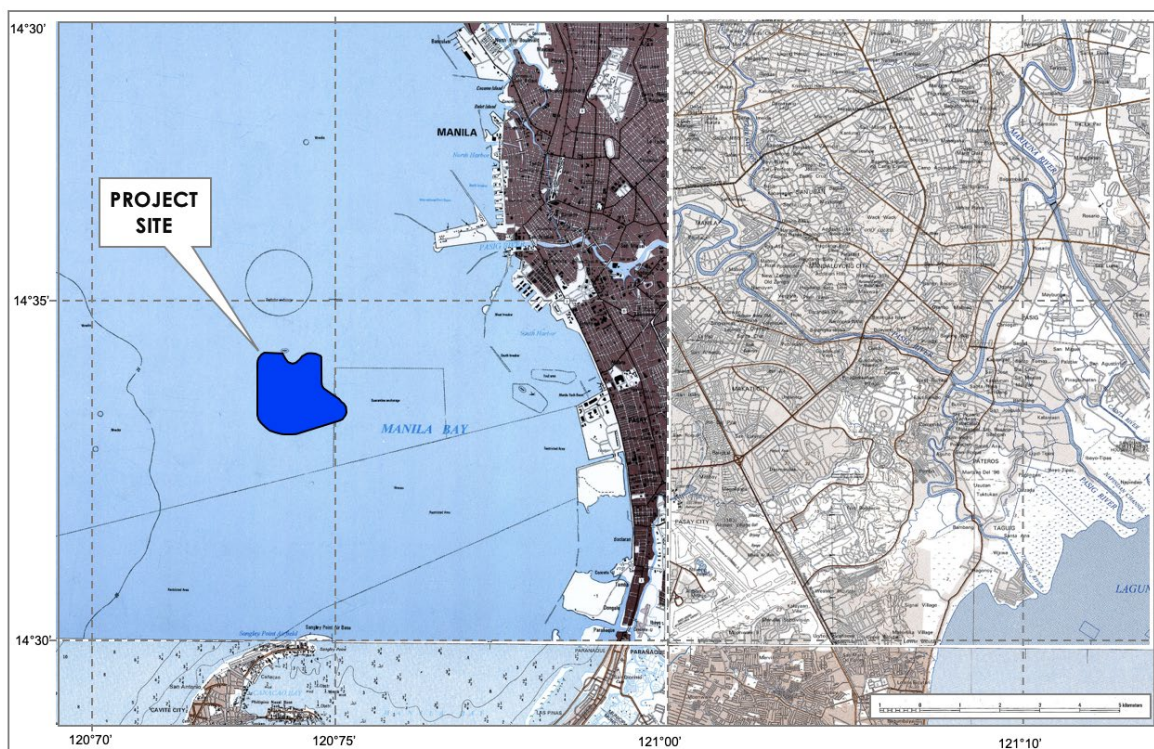


Figure 1. Location of Project Site in NAMRIA Map

The political boundaries indicating the impact barangay, the City of Pasay and adjacent other Cities are shown below.

The impact barangay is **Barangay 76 Zone 10**.



Figure 2. Map of the Political Boundaries

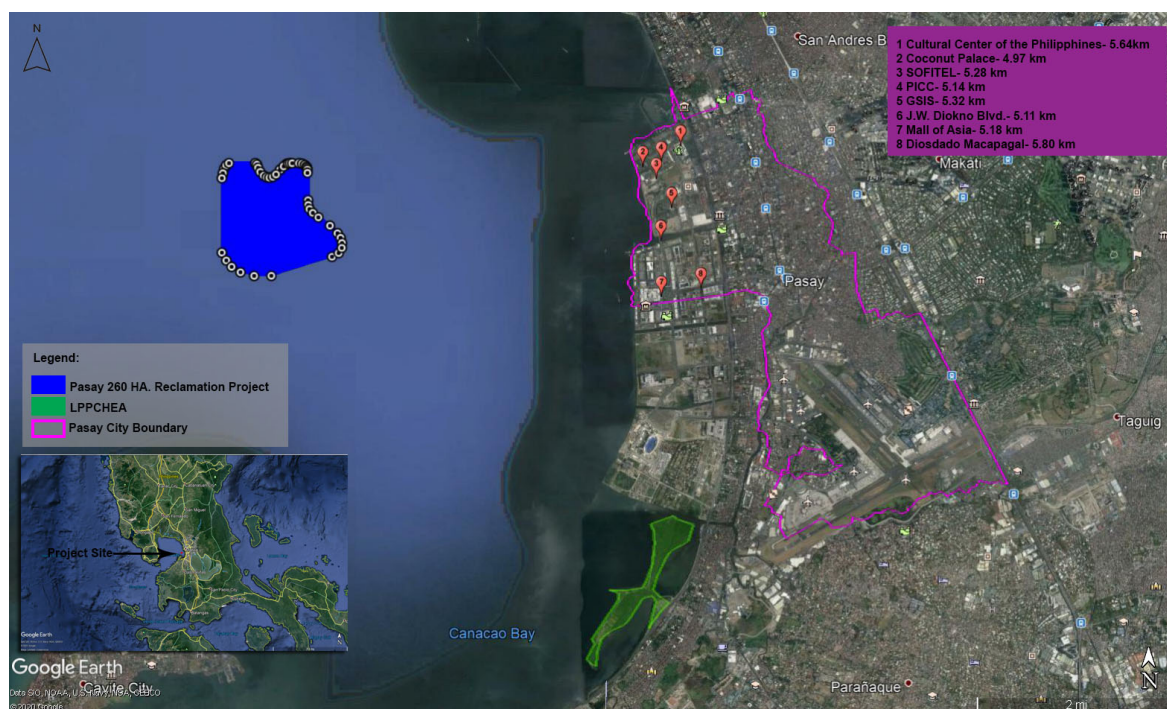


Figure 3. Project Area and its Vicinity in Google Earth

Geographic coordinates (shape file data) of project area (use WGS 84 datum - GPS setting)

The geographic coordinates of the project area are given below:

Table 3. Geographic Coordinates of the Project Area

Corner	Latitude	Longitude
1	14°33'11.96"N	120°55'49.48"E
2	14°33'10.33"N	120°55'49.50"E
3	14°32'56.15"N	120°55'49.84"E
4	14°32'53.65"N	120°55'49.93"E
5	14°32'51.55"N	120°55'50.58"E
6	14°32'49.57"N	120°55'52.37"E
7	14°32'47.22"N	120°55'55.39"E
8	14°32'42.90"N	120°56'1.60"E
9	14°32'39.01"N	120°56'5.61"E
10	14°32'36.64"N	120°56'7.27"E
11	14°32'33.96"N	120°56'8.06"E
12	14°32'31.40"N	120°56'7.95"E
13	14°32'28.73"N	120°56'6.27"E
14	14°32'26.80"N	120°56'2.70"E
15	14°32'16.92"N	120°55'30.18"E
16	14°32'16.86"N	120°55'20.94"E
17	14°32'18.74"N	120°55'13.61"E
18	14°32'21.58"N	120°55'8.86"E
19	14°32'24.88"N	120°55'5.99"E
20	14°32'28.93"N	120°55'3.63"E
21	14°33'7.53"N	120°55'3.63"
22	14°33'10.13"N	120°55'4.16"E
23	14°33'12.50"N	120°55'4.88"E
24	14°33'14.24"N	120°55'5.94"E
25	14°33'15.29"N	120°55'7.42"E
26	14°33'15.29"N	120°55'21.51"E
27	14°33'14.57"N	120°55'22.43"
28	14°33'12.95"N	120°55'23.01"E
29	14°33'10.84"N	120°55'24.17"E
30	14°33'8.85"N	120°55'26.07"E
31	14°33'8.03"N	120°55'27.71"E
32	14°33'7.80"N	120°55'29.11"E
33	14°33'8.27"N	120°55'31.01"E
34	14°33'9.46"N	120°55'32.65"E
35	14°33'11.90"N	120°55'34.81"E
36	14°33'13.65"N	120°55'36.75"E
37	14°33'14.49"N	120°55'37.87"E
38	14°33'14.85"N	120°55'38.44"E
39	14°33'15.14"N	120°55'39.17"
40	14°33'15.30"N	120°55'40.18"E
41	14°33'15.29"N	120°55'41.38"
42	14°33'15.29"N	120°55'45.00"E
43	14°33'14.99"N	120°55'46.66"E
44	14°33'14.33"N	120°55'48.09"E
45	14°33'13.48"N	120°55'48.99"E
46	14°33'12.77"N	120°55'49.30"E

The Project site relative to the Las Piñas-Parañaque Critical Habitat and Ecotourism Area (LPPCHEA or WPP LP). This is shown below.



Figure 4. The Project Site Relative to the LPPCHEA

Proposed buffers surrounding the area and primary and secondary impact areas

Impact Areas

The delineation of the EIA Study Areas is based on the Direct Impact Area (DIA) and the Indirect Impact Area (IIA). These study areas are identified in the discussions of the specific modules, i.e. Land, Water, Air and People.

THE PRE-EIS IMPACT AREAS FOR THE CONSTRUCTION PHASE UP THROUGH THE FORMATION OF LAND

The guidelines provided by the Revised Procedural Manual for the DENR Administrative Order 2003-30 relevant to this project are used for the delineation of the DIA and IIA, to wit:

- a. **Direct impact area (DIA)** is ... the area where ALL project facilities are proposed to be constructed/situated and where all operations are proposed to be undertaken. For most projects, the DIA is equivalent to the total area applied for an ECC.

For the proposed project, the DIA are:

- The reclamation area itself wherein the construction activities will be undertaken. This area is currently the body of water covered by the planned landform. There are no structures or fishing activities and settlers at the DIA.
- Barangay 76 Zone 10 fronting the site and hosting onshore establishments are considered DIAs for socio-economic aspects and perhaps for environmental/risks aspects as well, principally regarding flooding and storm surges.
- The PPA navigational lanes in the vicinity of the project site.

Major Basis for defining the DIA:

- Dredging – noise, sediment plumes, release of nutrients or contaminants from dredged sediments, dissolved oxygen depletion, habitat destruction and ecological impacts.
- Marine burrow works–the same as those due to dredging works with the addition of the possibility of reduction or removal of the natural supply of sand to existing beaches.
- The dredging works at the SNS are subject to separate requirements under the PEISS; the Proponent for the SNS is the Philippine Reclamation Authority.
- Land burrow works – noise, dust and smoke generation, and visual impact.
- Mud disposal–release of nutrients or contaminants from deposited sediments; other impacts similar to those due to dredging works.
- Fill delivery– noise and dust generation.
- Fill placement– noise, dust and smoke generation, and water quality impact.
- Final land form–interference in tidal flow, wave and sediment transport patterns, siltation, scour and reduced dispersion or dilution of discharges, water quality and ecological impact, elevation of ground water levels uphill, and possibility of causing erosion of the shoreline of existing beaches.
- Potential Pollution and Soil Erosion During Construction Phase

b. Indirect Impact Area (IIA) ...an IIA can be the stretch of the river/s OUTSIDE the project area but draining the project site which can potentially transport Total Suspended Solids and other discharges from the project towards downstream communities.

For the proposed project, the IIA are:

- Navigation lane outside of DIA.
- The other adjacent proposed reclamation projects are principally the Pasay 360 Hectare and Pasay 265 Hectare which have both been granted an ECC.

The Impact Areas Per DAO 2017-15, Section 10

10.1 The DIA shall be delineated based on the results of the assessment of the project's impact on air, water, land and people.

b) DIA for Water Quality & Quantity Impacts

The extend of water body/ies areas wehre the water quality arer projected to exceed the ambient standards based on relevant worst case scenario discharge modeling studies (sediment and pollutant discharges)

10.2 The IIA on the other hand, shall be delineated for impacts on people and shall include those in the vicinity of the DIA who will either benefit or be affected indirectly by the project.

Based on the foregoing the Impact Areas are delineated and presented in **Table 4**.

Table 4. Impact Areas

RATIONALE	MAJOR IMPACTS	SITES/IMPACT AREAS
DIRECT IMPACT AREA		
Land	Perception of Floods	Establishments fronting site namely <ul style="list-style-type: none"> • CCP-Manila Yacht Club Baywalk, • Asean Garden, Cultural Center of the Philippines (CCP)- Complex, Harbour Square, • Folk Arts Theater, • Coconut Palace Complex, • Sky Garden, Star City, • CCP Urban Forest, • Philippine International Convention Center (PICC), • Sofitel Philippine- Plaza Holdings, • Seaside Village Manila, • Manila Film Center, • Senate Fire Station, • Seaside Restaurant, • Government Service Insurance System (GSIS), • World Trade Center, • PNB Financial Center, • Center for International Trade Explosion and Mission (CITEM), Southeast Integrated Provincial Terminal, • Philippine Trade Trading Center
	Visual Impact (Construction Works at the bay)	At and vicinity of site
Water	Marine Ecology	At and vicinity of site
	Change in water circulation	260 hectare reclaimed land and immediate vicinities including identified proposed other reclamation projects with or nearing NTP
	Potential for silt dispersal	Within and immediate vicinity of the project site
	Change in seabed topography	Seabed of reclamation islands
	Accretion/erosion	Seabed of reclamation islands
	Potential conflict with PPA	Navigational Lane Close to Site
Air	Increased of Ambient Noise	At and vicinity of site
	Impacts on Existing Air Quality	At and vicinity of site
People	Positive impacts on employment and livelihood	City of Pasay especially impact barangay
	Positive impacts on economic uplift of the City of Pasay	City of Pasay
INDIRECT IMPACT AREAS		
Domain impacted by changes in circulation	Transport of particles	Body of water potentially affected by changes of circulation
Navigation of Dredging Vessel	Oil Spills	Along the navigational lane to San Nicholas Shoal
	Potential Damage to fish cages	Near the fish lifts in Cavite

The Direct and Indirect Impact Map is provided in Figure PD-8

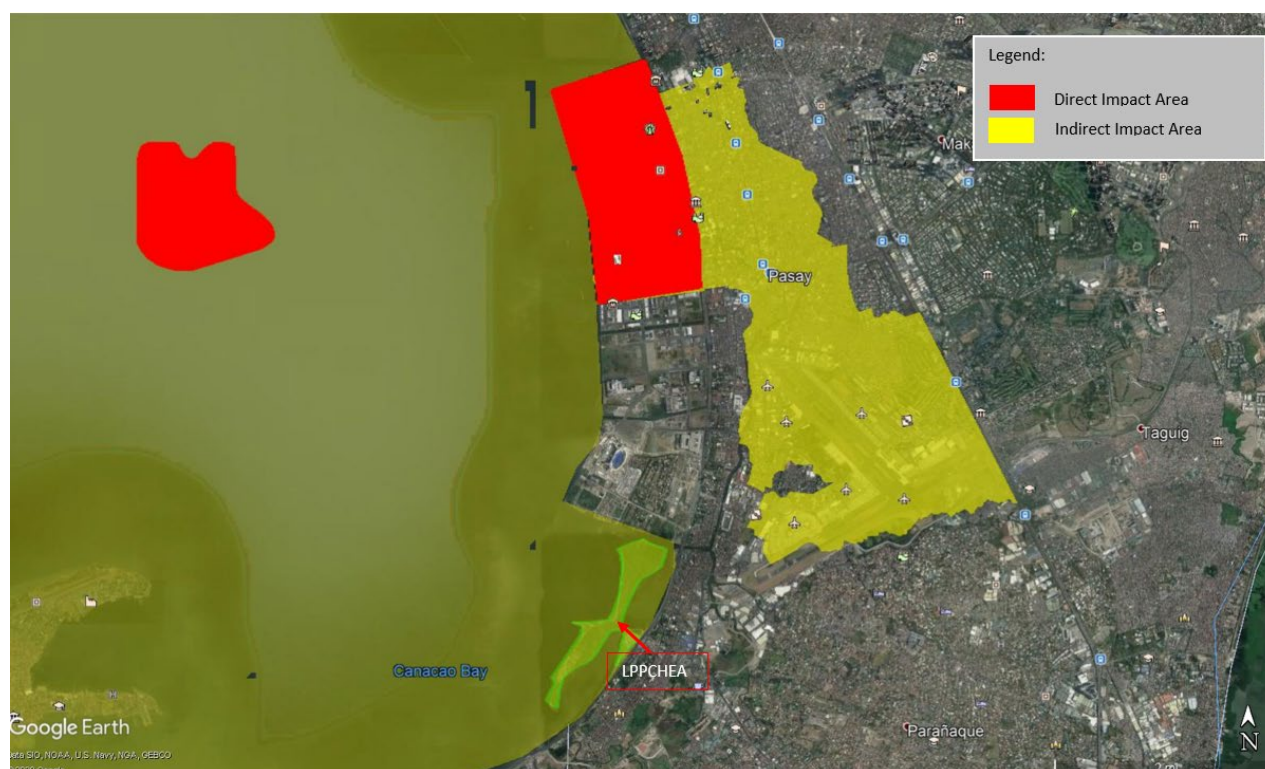


Figure 5. The Pre EIS Impact Areas

The Buffer Zones

Maybe generally define as a geographical zonal area that separates a project site from the impact areas (water, land, air and people) thereby providing added protection from the impacts of the project to communities/people and environmental resources.

Regulatory Guidelines

DAO 03-30 and the EMB MC 2014-005 do not provide clear definition of buffer zones while the E-Nipas Act stipulates the following:

“SEC.8 Buffer Zones. – When necessary, the DENR Secretary, upon the recommendation of the PAMB, may designate areas surrounding the protected areas as buffer zones for the purpose of providing extra layer of protection where restrictions may be applied: Provided, That, in cases where the designated buffer zone would cover private lands, the owners thereof shall be required to design their development with due consideration to the protected area management plan.”

For this reclamation project a key environmental resource is the **LPP WP (LPPCHEA)**

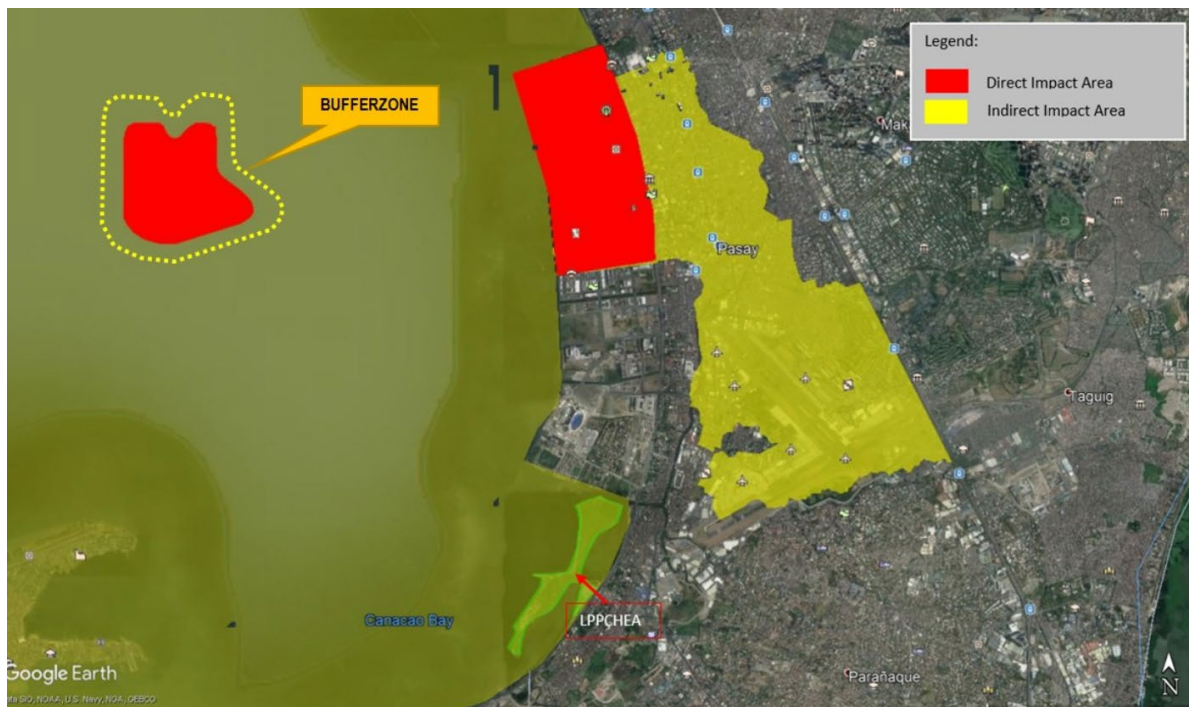


Figure 6. Map of the Tentative Buffer Zone

2.2 Project Rationale

The project is anchored on the following objectives and rationale:

The need for additional land noting that Pasay has the smallest land area in Metro Manila, shown below:

Significantly noted in this figure is that approximately **51 %** of the land of Pasay is dedicated to the airport complex and thus not available, at least in the foreseeable future, for other developmental and socio-economic projects.

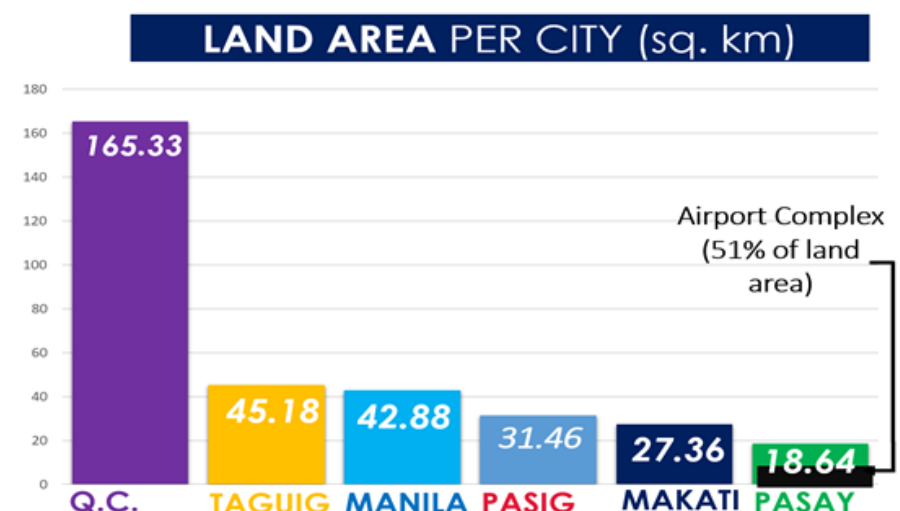


Figure 7. Land Area of Pasay relative to the other Metro Manila Cities

The proposed 2,600,000 square meters of reclaimed land is in line with Pasay City Ordinance No. 5768 (Series of 2016), which calls for the reclamation activities covering the identified areas located offshore of the current SM Mall of Asia Complex in Pasay City.

It is notable to recognize that another and adjacent Reclamation Project, i.e. the Pasay 265 Pasay Harbor Center Project has recently been granted an ECC. However, this alone as well as the other reclamation projects in Pasay City are not adequate to serve the Vision and Mission of the City in the long term.

The proponent City of Pasay believes that the proposed 260-hectare reclamation project will enhance and bring about meaningful progress to Pasay City and its people, and shall kick-start the favorable transformation of that section of the Manila Bay, instead of the area's further degradation. The proponent is cognizant of the mega success of its past reclamation projects – the CCP Complex and the Mall of Asia areas – as proof and blueprint for success of similar undertaking.

In 2015 alone, the City Government of Pasay was able to collect about PhP3.2 billion in real property taxes, and business and work permits from the existing MOA reclamation area. With the proposed project, the proponent could derive larger financial benefits which will definitely translate to more and better services for the people of Pasay.

Additionally, the proposed 260-hectare project will:

- Further promote the well-being of the people of the City of Pasay especially in terms of employment and livelihood;
- Stimulate city growth by providing a basic infrastructure – land to investors;
- Provide the City with additional land at no cost to it. This may be gleaned from **Table 5**.
- Help solve congestion problems.

Table 5. Land Allocation Showing the Government Share (at no cost)

Pasay City Share (Inclusive of the share of the National Government which the PRA may require)	39 hectares	15%
Roads, Public Parks, and Open Space	78 hectares	30%
Total Government Share	117 hectares	45%
Project Developer (Pasay Harbor City Consortium)	143 hectares	55%
Total Reclaimed Area	260 hectares	100%

Thus, this proposed 260-hectare Pasay City Reclamation Project will satisfy the current and future demands of lands for tourism and commercial activities in accordance with Pasay City Ordinance No. 5768 (Series of 2016) and in support of the “build-build-build” developmental concept in Pasay City and in Metro Manila as envisioned by the current administration of President Rodrigo Duterte.

Additional socio-economic benefits:

Proceeds from the project in addition to its 260-hectare reclamation project shall enable the City to expand and continually provide for its existing and future projects as indicated in its Comprehensive Development Plan (CDP) such as (i) school and healthcare facilities and services; (ii) medical, burial, educational assistance; (iii) financial assistance to barangays and to victims of fire and other calamities; (iv) balik-probinsiya program; (v) social pension and senior citizens' welfare; (vi) cash gifts and financial and emergency relief assistance; (vii) medical missions and emergency relief programs; (viii) livelihood programs and so on.

Support/Enhancement of the mass transport system

1. A connection to the airport through the existing NAIA Expressway;
2. A connection to the southern gateway through the CAVITEX;
3. A connection to the northern gateway via C1 and C4 then to NLEX;
4. A connection to the seaport in Manila via Roxas Boulevard;

5. A connection to the rest of Metro Manila through existing and planned mass transport system; and
6. Each island development methodologies will be anchored on green building concepts and technologies, pedestrian centered transport system and a climate change resilient and adaptive measures.



On a regional and national context, the City of Pasay hosts the domestic and international airports, which provides vital infrastructure (air transportation) for regional and national interconnectivity and development. The reclamation projects will allow the continued growth of the infrastructures.


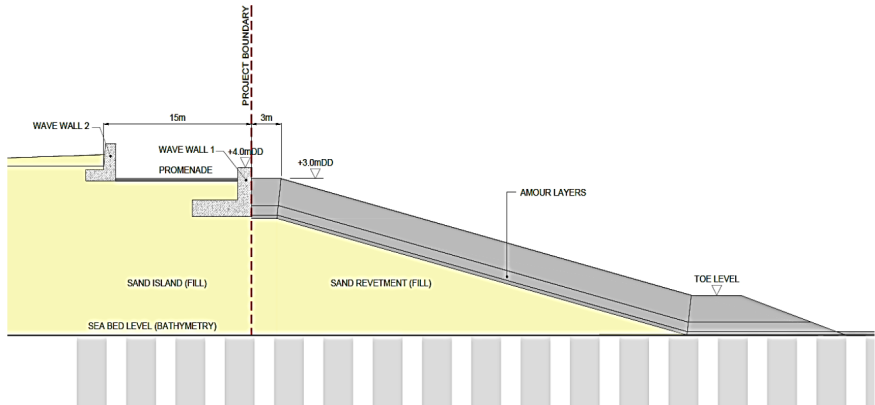

On the national context:

The project is in direct support of the President's Build-Build-Build Plan for the country and notably at no drain to the country's treasury.

At this time of the Pandemic with still no foreseeable end in sight, reclamation projects are seen as basic stimuli to national development. Without any doubt the recession that the Country is experiencing needs this type of project as a remedial response.

2.3 Project Components

Component	Size
Island	One Island - 260 Hectares (more or less)
Internal Road Network	30- m, 6 lane main roads with dedicated lanes for BRT. Other feeder and arterial roads: function of design 
Drainage System	

Containment Structure	<p>Sea wall and coastal protection shall be a function of design</p>  
Access Way (s)	<p>Connecting bridges to Pasay City Harbor Consortium (265ha project) and SMPH Phase 2</p> 
Marina	<p>Under Design, located at north end of the project site. This is co-located in an area designated as "Residential Enclave with a yacht basin", taking inspiration from the water front development in Fort Lauderdale, Florida</p>
International Zones	<p>Under Design, this area is projected as a mixed of Office and Residential high rise buildings</p>
Cruise Line Complex	<p>Under Design, this area is projected as a mixed of "Port and Waterfront themed Hotel Tourism Complex", taking inspiration from the World Trade Center in Singapore</p>
Waste Water Treatment Systems	<p>Construction Phase: OWS/Bilge System in Vessels</p>
Commercials	<p>Under Design</p>
Resource Utilization	<p>Power Electricity Water Supply Telecommunication/ Communication</p>

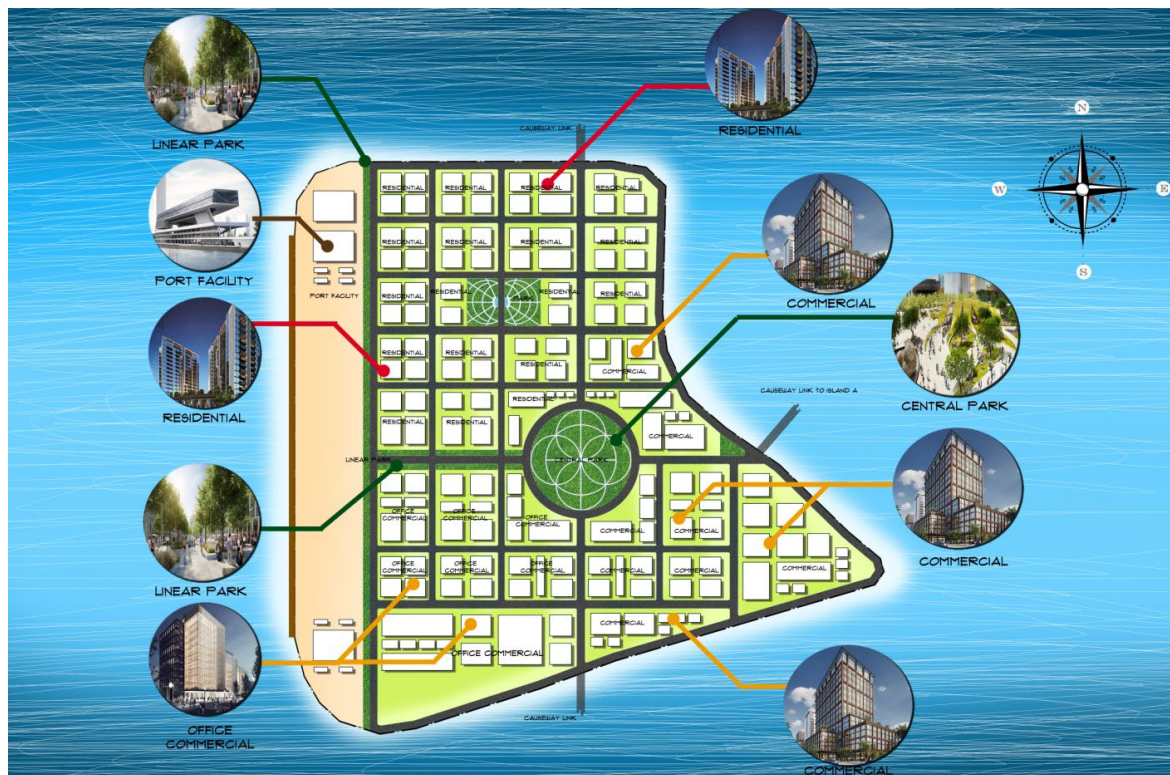


Figure 8. The Initial Development and Land Use Plan

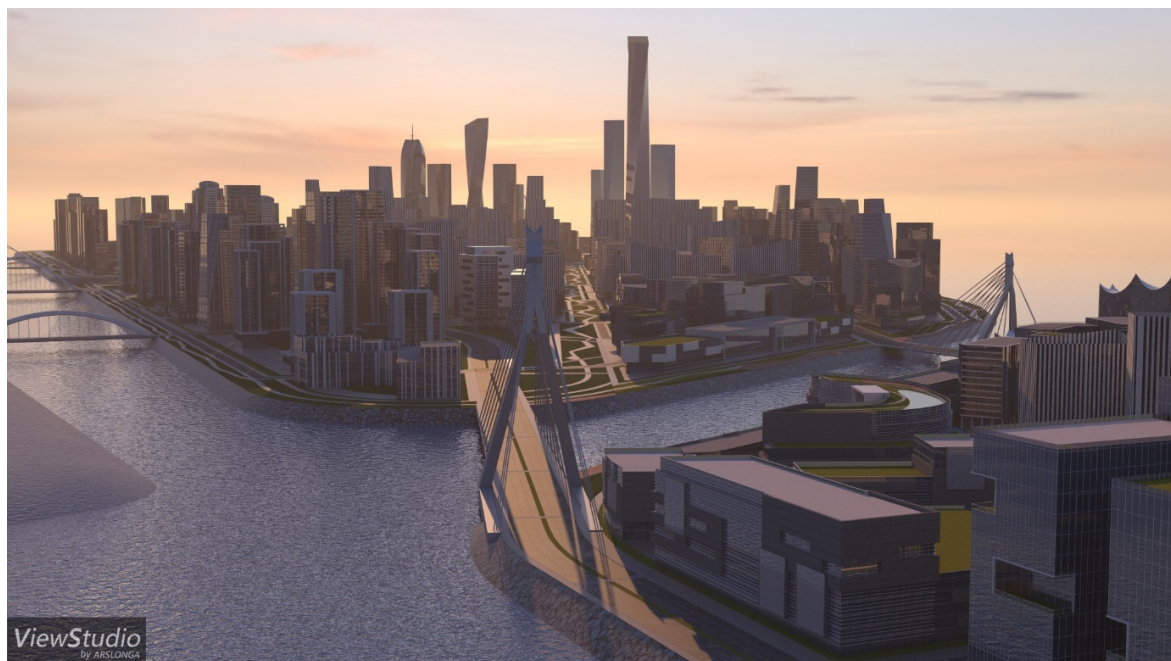


Figure 9. An Image based on the Initial Conceptual Master Development Plan

Table 6. Main impacts, mitigating measures, and performance

Activity	Impact	Mitigating Measures	Target Efficiency Performance
Site Preparation & Initial Works			
Dredging/Trenching of Channels for Turning Basin	Disturbance of Sea Bed and Silt Dispersal	Installation of Silt Curtains at approx.. 100 m from work sites at downstream of current direction Dredged materials stored at vessel hopper to prevent dispersal to sea	100 % compliance with DAO 2016-08 100 %
Site Clearing and Artifacts Survey. Removal of scraps, debris, plastics and rubbish materials and of possible ordnance remnants from World War 2 Artifacts survey w National Museum; w prior clearances and permits	Increase in turbidity due to silt dispersal	Installation of Silt Curtains at approx. 100 m from work sites at downstream of current direction	100 % compliance with DAO 2016-08
	Generation of solid wastes	Collected solid wastes shall be segregated and disposed on shore by a 3 rd party hauler No discharge to sea per MARPOL and PCG	100 %
Construction of Sand Keys	Disturbance of Sea Bed and Silt Dispersal	Installation of Silt Curtains at approx.. 100 m from work sites at downstream of current direction Dredged materials stored at vessel hopper to prevent dispersal to sea	100 % compliance with DAO 2016-08
Transport of dredged materials to disposal site	Water pollution due to accidental spill of dredged materials	100 % compliance with MARPOL and PCG	100 % compliance; no spillage to the Bay
Reclamation Activities			
Transport of Fill Materials to/from source to project site	Water Pollution due to Accidental Spillage of Oil or fill materials	Compliance w MARPOL and PCG Manila Bay Oil Spill Contingency Plan	100 % compliance with DAO 2016-08
	Generation of aqueous wastes	Bilge water management Compliance w MARPOL and PCG	100 % compliance with DAO 2016-08
	Generation of domestic garbage from vessel crews	Segregation, collection and disposal on shore by 3 rd party Hauler	100 % compliance with RA 9003
Filling of sand keys in reclamation area (below water level) Placement of armour rocks	Dispersal of silt resulting in increase in turbidity and suspended solids	Installation of silt curtains at approx. 100 m from work sites downstream of current Uses of floating pipeline and spreader pontoon or alternate methods to discharge fill materials	100 % compliance with DAO 2016-08
Filling of sand keys above water level	Water pollution due to increase in turbidity from silt dispersal	Installation of silt curtains at approx. 100 m from work sites downstream of current	100 % compliance with DAO 2016-08

Activity	Impact	Mitigating Measures	Target Efficiency Performance
Construction of containment structures	Also from domestic sources	Temporary facilities at onshore work sites Bilge waste water management in vessels	
	Dust pollution from open areas	Spraying with water using water tanker	100 % compliance with NAAQGV
	Noise pollution (nuisance) from operation of heavy equipment	Use of noise silencers Distant from ESRs	100 % compliance with DENR noise standards
Soil Stabilization and Horizontal Development			
Soil stabilization	Water pollution from domestic sources	Temporary facilities at onshore work sites	100 % compliance with DAO 2016-08
Horizontal Development Works Road networks/drainage Water and electricity distribution systems Power and communication systems	Sedimentation to the Bay	Sedimentation pond	100 % compliance with DAO 2016-08 esp on TSS
	Generation of hazardous wastes	Prevention	100 % compliance with RA 6969

2.5 Indicative Project Cost

	Component	Indicative Cost (Philippine Peso)
A	Reclamation works	58,300,000,000.00
B	Horizontal Development	5,528,000,000.00
C	Miscellaneous Cost	5,247,000,000.00
Total		72,000,000,000.00

2.6 Implementation Schedule

The proposed 260-hectare Pasay City reclamation project is a stand-alone project. The proponent will implement the project independently from the adjacent reclamation proposals based on the projects financial modeling that will be generated after the conduct of the more detailed investor feasibility study. The private proponent will commence with the reclamation activities upon issuance by the PRA of the Notice to Proceed (NTP) inclusive of all the necessary approvals and reclamation and development permits by appropriate government offices and agencies that has jurisdiction over the reclamation project. The preliminary implementation schedule is presented as follows:

Table 7. Schedule for Reclamation and Other Related Activities

N	Component	2019	2020	2021	2022	2023	2024	2025	2026 onward
A	Preparatory Works and Pre-Reclamation Activities								
1	Preparation and Submission of Proposal								
2	ECC, EGGAR and Area Clearance								
3	Preparation of Detailed Engineering Designs and Other Technical Plans								
4	Permitting and Documentations until Notice to Proceed								
B	Reclamation Activities and Site Development								
1	Site Preparation and Mobilization								

N	Component	2019	2020	2021	2022	2023	2024	2025	2026 onward
2	Reclamation Works								
3	Construction of Utilities								
3.1	Roads and Bridges								
3.2	Drainage System								
3.3	Sewerage/STP								
3.4	Power Supply								
3.5	Telecommunications								
4	Landscaping / Pocket Forest								
C	Post Reclamation Activities and Land Development								
1	Buildings								
2	Urban Amenities								
3	Port Facility								
4	Waterfront / Boardwalk								

Plate 1. Photograph of the Nearest Water Structure (The Breakwater)



Plate 2. Drone Photograph of the Project Site



ANNEX 1.0 TYPICAL INVITATION LETTER

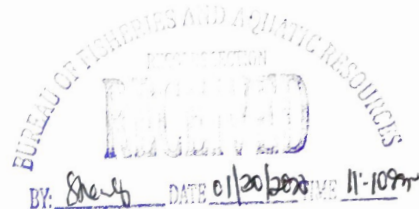


Republika ng Pilipinas
Lungsod ng Pasay, Kalakhang Maynila
TANGGAPAN NG ALKALDE



January 22, 2020

COMMODORE EDUARDO B. GONGONA
Usec for Fisheries, DA/ Director
Bureau of Fisheries and Aquatic Resources (BFAR)
PCA Compound, Q.C. Eliptical Road, Diliman,
Quezon Cmity, 1101 Metro Manila



Subject : **Conduct of Information, Education and Communication (IEC)
Program for the Proposed 260-Hectare RECLAMATION
PROJECT PASAY CITY**

Dear Mr. Gongona:

In connection to the above mentioned project and in compliance with **DAO 2017-15 "Public Participation"** We wish to invite you to participate in the **Information Education and Communication (IEC) Activity** which will be held on **February 07, 2020, at 8:30 a.m. (start of registration)** at the **Cuneta Astrodome, Pasay City**.

This IEC Activity is in support of the application for an **Environmental Compliance Certificate (ECC)** for the above captioned project.

We look forward to your participation to this IEC Activity.

Attached for your Information is the Project Fact Sheet.

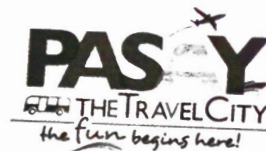
Thank you.

Sincerely,


HON. IMELDA CALIXTO-RUBIANO
Pasay City Mayor



Republika ng Pilipinas
Lungsod ng Pasay, Kalakhang Maynila
TANGGAPAN NG ALKALDE



January 22, 2020

Dr. Renato Solidum Jr.
Philippine Institute of Volcanology and Seismology (PHIVOLCS)
PHIVOLCS Building, C.P. Garcia Avenue, U.P. Campus
Diliman Quezon City, Philippines

Subject: Conduct of Information, Education and Communication (IEC)
Program for the Proposed 260-Hectare RECLAMATION
PROJECT PASAY CITY

Dear Sir/Madam:

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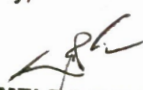
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Attached for your Information is the Project Fact Sheet.

Thank you.

Sincerely,


HON. IMELDA CALIXTO-RUBANO
Pasay City Mayor

Received by:
Jnd
France
01/30/2020



Republika ng Pilipinas
Lungsod ng Pasay, Kalakhang Maynila
TANGGAPAN NG ALKALDE



January 22, 2020

GREGORIO B. HONASAN II

Secretary

Department of Information and Communications Technology (DICT)

C. P Garcia Ave., Diliman, Quezon City

Subject

**: Conduct of Information, Education and Communication (IEC)
Program for the Proposed 260-Hectare RECLAMATION
PROJECT PASAY CITY**

Dear Mr. Honasan II:

In connection to the above mentioned project and in compliance with DAO 2017-15 "Public Participation" We wish to invite you to participate in the **Information Education and Communication (IEC) Activity** which will be held on **February 07, 2020, at 8:30 a.m. (start of registration)** at the **Cuneta Astrodome, Pasay City**.

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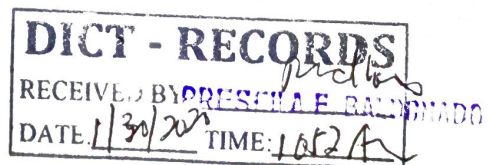
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Thank you.

Sincerely,

HON. IMELDA CALIXTO-RUEBANO
Pasay City Mayor



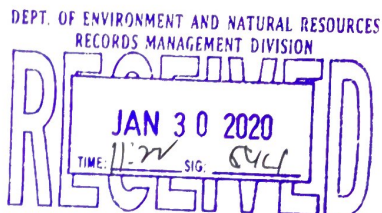


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January 22, 2020

MS. DONNA MAYOR-GORDOVE CESO IV
Manila Bay Coordinating Office
DENR Building, Visayas Avenue
Diliman, Quezon City, 1100, Metro Manila



Subject : Conduct of Information, Education and Communication (IEC) Program for the Proposed 260-Hectare RECLAMATION PROJECT PASAY CITY

Dear Ms. Mayor-Gordove:

In connection to the above mentioned project and in compliance with DAO 2017-15 "Public Participation" We wish to invite you to participate in the **Information Education and Communication (IEC) Activity** which will be held on **February 07, 2020, at 8:30 a.m. (start of registration)** at the **Cuneta Astrodome, Pasay City**.

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Attached for your Information is the Project Fact Sheet.

Thank you.

Sincerely,


HON. IMELDA CALIXTO-RUBIANO
Pasay City Mayor



Republika ng Pilipinas
Lungsod ng Pasay, Kalakhang Maynila
TANGGAPAN NG ALKALDE



January 22, 2020

SOCIETY FOR THE CONSERVATION OF PHILIPPINES WETLANDS, INC.
Unit 208 Grand Emerald Tower,
F. Ortigas Ave. corner Gamet St.,
Ortigas Center, Pasig City, Philippines 1605

Subject

: **Conduct of Information, Education and Communication (IEC)
Program for the Proposed 260-Hectare RECLAMATION
PROJECT PASAY CITY**

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Thank you.

Sincerely,


HON. IMELDA CALIXTO-RUBIANO
Pasay City Mayor

Received:

 30 Jan 2020
Imelda

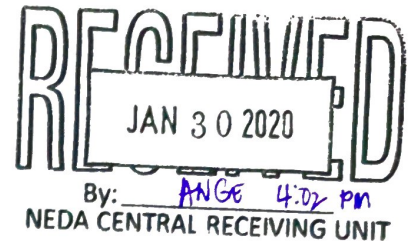


Republika ng Pilipinas
Lungsod ng Pasay, Kalakhang Maynila
TANGGAPAN NG ALKALDE



January 22, 2020

MR. ERNESTO DEL MAR PERNIA
Director- General
National Economic and Development Authority
No. 12 St. Jose Maria Escriva Drive,
Ortigas Center, Pasig City



Subject : **Conduct of Information, Education and Communication (IEC)
Program for the Proposed 260-Hectare RECLAMATION
PROJECT PASAY CITY**

Dear Mr. Pernia:

In connection to the above mentioned project and in compliance with DAO 2017-15 "Public Participation" We wish to invite you to participate in the **Information Education and Communication (IEC) Activity** which will be held on **February 07, 2020, at 8:30 a.m. (start of registration)** at the **Cuneta Astrodome, Pasay City**.

This IEC Activity is in support of the application for an **Environmental Compliance Certificate (ECC)** for the above captioned project.

We look forward to your participation to this IEC Activity.

Attached for your Information is the Project Fact Sheet.

Thank you.

Sincerely,


HON. IMELDA CALIXTO RUBIANO
Pasay City Mayor



Republika ng Pilipinas
Lungsod ng Pasay, Kalakhang Maynila
TANGGAPAN NG ALKALDE



January 22, 2020

USEC. JOSE ARTURO S. GARCIA JR.
General Manager
Metropolitan Manila Development Authority (MMDA)
EDSA cor. Orense St.,
Guadalupe, Nuevo, Makati City



Subject : **Conduct of Information, Education and Communication (IEC)
Program for the Proposed 260-Hectare RECLAMATION
PROJECT PASAY CITY**

Dear Mr. Garcia Jr.:

In connection to the above mentioned project and in compliance with **DAO 2017-15 "Public Participation"** We wish to invite you to participate in the **Information Education and Communication (IEC) Activity** which will be held on **February 07, 2020, at 8:30 a.m. (start of registration)** at the **Cuneta Astrodome, Pasay City**.

This IEC Activity is in support of the application for an **Environmental Compliance Certificate (ECC)** for the above captioned project.

We look forward to your participation to this IEC Activity.

Attached for your Information is the Project Fact Sheet.

Thank you.

Sincerely,


HON. IMELDA CALIXTO-RUBIANO
Pasay City Mayor

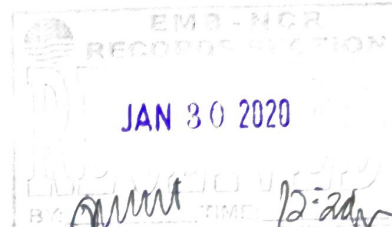


**Republika ng Pilipinas
Lungsod ng Pasay, Kalakhang Maynila
TANGGAPAN NG ALKALDE**



January 22, 2020

ATTY. DOMINGO M. CLEMENTE JR.
Regional Director
DENR-EMB NCR
National Ecology Center
East Avenue Quezon City



Subject

**: Conduct of Information, Education and Communication (IEC)
Program for the Proposed 260-Hectare RECLAMATION
PROJECT PASAY CITY**

Dear Mr. Clemente Jr.:

In connection to the above mentioned project and in compliance with **DAO 2017-15 "Public Participation"** We wish to invite you to participate in the **Information Education and Communication (IEC) Activity** which will be held on **February 07, 2020, at 8:30 a.m. (start of registration)** at the **Cuneta Astrodome, Pasay City**.

This IEC Activity is in support of the application for an **Environmental Compliance Certificate (ECC)** for the above captioned project.

We look forward to your participation to this IEC Activity.

Attached for your Information is the Project Fact Sheet.

Thank you.

Sincerely,


HON. IMELDA CALIXTO-RUBIANO
Pasay City Mayor



**Republika ng Pilipinas
Lungsod ng Pasay, Kalakhang Maynila
TANGGAPAN NG ALKALDE**



January 22, 2020

LIGA NG MGA BARANGAY
4th Floor Pasay City Hall Building
F.B. Harrison, Pasay City

**Subject : Conduct of Information, Education and Communication (IEC)
Program for the Proposed 260-Hectare RECLAMATION
PROJECT PASAY CITY**

Dear Sir/Madam:

In connection to the above mentioned project and in compliance with DAO 2017-15 "Public Participation" We wish to invite you to participate in the Information Education and Communication (IEC) Activity which will be held on **February 07, 2020**, at 8:30 a.m. (start of registration) at the Cuneta Astrodome, Pasay City.

This IEC Activity is in support of the application for an Environmental Compliance Certificate (ECC) for the above captioned project.

We look forward to your participation to this IEC Activity.

Attached for your Information is the Project Fact Sheet.

Thank you.

Sincerely,


HON. IMELDA CALIXTO-RUBIANO
Pasay City Mayor





Republika ng Pilipinas
Lungsod ng Pasay, Kalakhang Maynila
TANGGAPAN NG ALKALDE



January 22, 2020

MR. GEORGE H. TIOPE

CGADH II

Tourism and Cultural Development Office

Rm. 417 Pasay City Hall Bldg.

F.B. Harrison St., Pasay City, Philippines

Subject

**: Conduct of Information, Education and Communication (IEC)
Program for the Proposed 260-Hectare RECLAMATION
PROJECT PASAY CITY**

Dear Mr. Tiopes:

In connection to the above mentioned project and in compliance with **DAO 2017-15 "Public Participation"** We wish to invite you to participate in the **Information Education and Communication (IEC) Activity** which will be held on **February 07, 2020, at 8:30 a.m. (start of registration)** at the **Cuneta Astrodome, Pasay City**.

This **IEC Activity** is in support of the application for an **Environmental Compliance Certificate (ECC)** for the above captioned project.

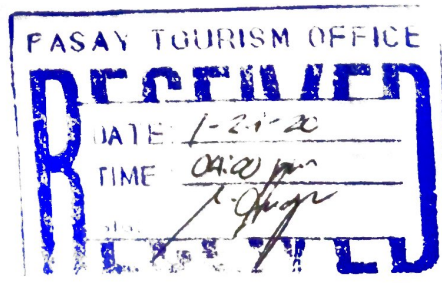
We look forward to your participation to this IEC Activity.

Attached for your information is the Project Fact Sheet.

Thank you.

Sincerely,


HON. IMELDA CALIXTO-RUBIANO
Pasay City Mayor



ANNEX 2.0 LIST OF INVITEES

PROPOSED 260Has PASAY RECLAMATION PROJECT

List of Invitees

HON. NOEL DEL ROSARIO

Pasay City Vice Mayor
Pasay City Hall Building
F.B. Harrison, Pasay City

CITY PLANNING AND DEVELOPMENT COORDINATOR

Pasay City Hall Building
F.B. Harrison, Pasay City

CITY ENGINEER

Pasay City Hall Building
F.B. Harrison, Pasay City

CITY HEALTH OFFICER

Pasay City Hall Building
F.B. Harrison, Pasay City

CITY COUNCILS OFFICE

Pasay City Hall Building
F.B. Harrison, Pasay City

PASAY CITY TRAFFIC AND MANAGEMENT BUREAU

Pasay City Hall Building
F.B. Harrison, Pasay City

ROSEMARIE B. SAN MIGUEL

Chairwoman
Brgy 76, Zone 10
Pasay City

LIGA NG MGA BARANGAY

4th Floor Pasay City Hall Building
F.B. Harrison, Pasay City

ENGR. MERLITA L. LAGMAY

City Planning and Development Coordinator II
City Planning and Development Office
Rm. 211 Pasay City Hall Bldg.
F.B Harrison St., Pasay City, Philippines

Engr. Edwin Y. Javaluyas

City Engineer II
City Engineer Office
Rm. 301 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines

MR. ENRIQUE S. PASCUAL III

Community Affairs Officer IV
Pasay City Barangay Bureau
Rm. 305 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines

MR. NICANOR TEODORO

Executive Assistant IV
Pasay City Barangay Bureau
Rm. 305 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines

MS. ELENITA L. SALGADO

Officer-in-Charge
Business Permits and License Office
Rm. 207 Pasay City Hall Bldg.,
F.B. Harrison St., Pasay City, Philippines

MR. GEORGE H. TIOPE

CGADH II

Tourism and Cultural Development Office

Rm. 417 Pasay City Hall Bldg.

F.B. Harrison St., Pasay City, Philippines

MR. ROSALINDA A. OROBIA

City Social Welfare Officer III

Pasay City Social Welfare & Development

Rm. 208 Pasay City Hall Bldg.,

F.B. Harrison St., Pasay City, Philippines

MS. DONNA MAYOR- GORDOVE CESO IV

Manila Bay Coordinating Office

DENR Building, Visayas Avenue, Diliman, Quezon City, 1100, Metro
Manila

Tel. No. 928-1225

Trunkline 929-6626 local 2102

www.themanilabay.com

MS. JACQUELINE A. CAANCAN, CESO V

OIC, Regional Director

DENR-National Capital Region

Nursery Compound, North Avenue, Diliman, Quezon City

ATTY. DOMINGO M. CLEMENTE JR.

Regional Director

DENR-EMB NCR

National Ecology Center

East Avenue Quezon City

ATTY. JANILO E. RUBIATO

General Manager and Chief Executive
Philippine Reclamation Authority (PRA)
7th Floor, Legaspi Towers 200 Bldg, 107
Paseo de Roxas Street, Legaspi Village
02-817-4711

ENGR. ESPERANZA A. SAJUL

Chief, EIAMD
DENR -EMB Central Office

MR. JAY DANIEL R. SANTIAGO

General Manager
PHILIPPINE PORTS AUTHORITY
PPA Corporate Bldg. Bonifacio Drive, South Harbor, Port Area,
Manila 1018, Philippines
527-4855 or 527-83-56 to 83
horecords@ppa.com.ph

ADMAL ROBERT EMPEDRAD, AFP

Flag Officer in Command (FOIC)
Philippine Navy
Naval Station Jose V Andrada
#2335 Roxas Boulevard, Manila
PLDT Line: +632-524-20-61 to 69

MR. ARSENIO J. LIZASO

President
Cultural Center of the Philippines
CCP Complex, Roxas Boulevard, Pasay City, Metro Manila,
Philippines

BERNADETTE ROMULO-PUYAT

Secretary

Department of Tourism

OIC, Regional Director, Department of Tourism-NCR

DOT Bldg., 351 Sen. Gil Puyat Avenue 12., Makati City

DR. RENATO SOLIDUM JR.

Philippine Institute of Volcanology and Seismology (PHIVOLCS)

PHIVOLCS Building, C.P. Garcia Avenue, U.P. Campus, Diliman

Quezon City, Philippines

DIRECTOR THERESA MUNDITA S. LIM

Protected Area and Wildlife Bureau

Department of Environment and Natural Resources

Ninoy Aquino Parks and Wildlife Center

Diliman, 1100 Quezon City

Philippines

MR. DANILO DELAPUZ LIM

Chairman

Metro Manila Development Authority (MMDA)

MMDA Bldg., EDSA cor. Orense St., Guadalupe, Makati City

Directline (632) 882-0854; 882-0893

MR. ERNESTO M. PERINA

Director General

National Economic and Development Authority

No. 12 St. Jose Maria Escriva Drive,

Ortigas Center, Pasig City

Trunkline: +63 631 0945 – 56

Email: KM@neda.gov.ph

MR. MELVIN B. NAVARRO

Regional Director
Department of Public Works and Highways
2nd Street, Port Area, Manila
Contact No(s).: (02) 304-3910
Fax No.: (02)304-3910
Email: navarro.melvin@dpwh.gov.ph

COMMODORE EDUARDO B. GONGONA

Director
Bureau Of Fisheries And Acquatic Resources (BFAR)
PCA Compound, Q. C. Elliptical Road, Diliman, Quezon City, 1101
Metro Manila

MS. JANETTE P. LORETO-GARIN

DOH
San Lazaro Compound, Tayuman, Sta. Cruz, Manila

COMMODORE ELSON E. HERMOGINO

Commandant
Philippine Coast Guard (PCG)
139 25TH St. South Harbor, Port Area
527-8482 loc. 6291

Dr. Francisco Duque III

Department of Health (DOH)
San Lazaro Compound, Tayuman, Sta. Cruz, Manila
Philippines 1003

Hon. Ramon M. Lopez

Secretary
CITEM – Center for International Trade Expositions and Missions
Golden Shell Pavilion, Roxas Boulevard cor. 1300
Sen. Gil J. Puyat Ave, Pasay, 1300 Metro Manila

Ms. Paulina Suaco-Juan

Executive Director

CITEM – Center for International Trade Expositions and Missions

Golden Shell Pavilion, Roxas Boulevard cor. 1300

Sen. Gil J. Puyat Ave, Pasay, 1300 Metro Manila

Mr. Sergio R. Ortiz-Luis Jr.

President & CEO

Philippine Exporters Confederation, Inc. (PHILEXPORT)

Philippine Exporters Confederation, Inc. (PHILEXPORT) ITC

Complex, Sen. Gil Puyat

Avenue, corner, 1308 Roxas Blvd, Pasay, Metro Manila

Ms. Ma. Flordeliza C. Leong

Assistant Vice President, Advocacy and Communications Department

Philippine Exporters Confederation, Inc. (PHILEXPORT)

Philippine Exporters Confederation, Inc. (PHILEXPORT) ITC

Complex,

Sen. Gil Puyat Avenue, corner,

1308 Roxas Blvd, Pasay, Metro Manila

CAPTAIN JIM C. SYDIONGCO

Director General, Department of Transportation

Civil Aviation Authority of the Philippines (CAAP)

Headquarters: NAIA Road, Pasay, Metro Manila

USEC. JOSE ARTURO S. GARCIA JR.

General Manager

Metropolitan Manila Development Authority (MMDA)

Edsa cor. Orense St., Guadalupe, Nuevo, Makati City

GREGORIO B. HONASAN II

Secretary

Department of Information and Communications Technology (DICT)

C.P Garcia Ave., Diliman Quezon City

ADM JOEL S. GARCIA PCG, Ph.D.,

Commandant, Commandant for Administration

Philippine Coast Guard

139 25th Street, South Harbor,

Port Area, 1018 Manila

Sec. Alfonso G. Cusi

Secretary

Department of Energy

Taguig City, Philippines 1632

ATTY. DENNIS BERNARD N. ACORDA

City Administrator II

Office of the City Administrator

Rm. 204 Pasay City Hall Bldg.

F.B. Harrison St., Pasay City Philippines

Emma Homeowners Association Inc.

No.61 Emma St. Pasay City

Prime Movers Multi Purpose Cooperative

Rm. 426 4th F Pasay City Hall Pasay City

Pasay City Network for the Protection of Children

2442 Torres Bldg. Park Ave. Pasay City

Our Lady of Sorrows Outreach Foundation

2130 F.B. Harrison St. Pasay City

Peace and Order Force Multiplier

181 P. Santos St. Malibay Pasay City

Eduardo “DUAY” Calixto Foundation Inc.

167 San Juan St. Malibay Pasay City

Maricaban Market Vendors Association Inc.

Block 23 Snt.Peter St. Maricaban Pasay City

Sun Valley NAIA Stall Owner & Vendors Association Inc.

No.16 Sun Valley Drive NAIA, Pasay City

E.Cornejo Vitalez Residents Association Inc.

No.741 Vitales St. Malibay Pasay City

Geronimo Homeowners Association Inc.

282 M. Geronimo St. Malibay Pasay City

Family Touch Malibay Association Inc.

8421. Santos St. Malibay Pasay City

SPECS Foundation Inc.

53 Cementina St. Pasay City

SERRAS Center for Girls

162 Sinsiego St.F.B.Harrison St. Pasay City

Pangarap Foundation

2503 Taft Ave. cor. Escobal St. Pasay City

LILIANE REJANTE-MANAHAN

Chairperson

Heritage Conservation Society (HCS)

G/F Museo Pambata Building, Roxas Boulevard, Ermita Manila,
Philippines

Tel. No. +632 353 4494

Fax No. +632 522 2497

**SOCIETY FOR THE CONSERVATION OF PHILIPPINES
WETLANDS, INC.**

Unit 208 Grand Emerald Tower, F. Ortigas Ave. corner Garnet St.,
Ortigas Center, Pasig City, Philippines 1605 T/F: +63 2 637 2409

**NATIONAL HISTORICAL COMMISSION OF THE PHILIPPINES
(NHCP)**

NHCP Building, T.M. Kalaw St., Manila, 1000
Tel No. +632.536.3181

NATIONAL MUSEUM OF THE PHILIPPINES

P.Burgos Drive, Rizal Park, Manila
02-527-1209

SCHOOL DIVISION SUPERINTENDENT

Divisions of City Schools, Pasay
Zamora St., Pasay City

REV. FR. BENITO TUAZON

Ministry on Ecology and Commission on Social Services and
Development
The Roman Catholic Archdiocese of Manila
Caritas Manila Compound
2002 Jesus St., Pandacan, Manila

Office of the President

De La Salle University

14th Floor, Henry Sy, Senior Hall
De La Salle University,
2401 Taft Avenue,
1004 Manila
Tel. 524-1611 loc. 802

Office of the President
De La Salle College of St. Benilde
2544 Taft Avenue, Malate Manila
Tel. 230-5100 loc 1801 to 1803

The President
Solaire Resort & Casino
Entertainment City, 1 Aseana Ave.
Paranaque, 1701 Metro Manila

The President
Okada Manila
New Seaside Drive, Entertainment City
Paranaque City, 1701 Metro Manila Philippines

The President
City of Dreams
Asean Avenue corner Roxas Boulevard
Entertainment City Manila,
Parañaque, 1701 Metro Manila

The President
ADVENTIST DEVELOPMENT AND RELIEF AGENCY (ADRA)
FOUNDATION
North Philippine Union Conference, San Juan corner Donada Streets,
Pasay City

The President
COMMUNITY AND FAMILY SERVICES INTERNATIONAL, INC.
2/F Torres Building,
2442 Park Avenue, Pasay City

The President

INTERNATIONAL BAZAAR FOUNDATION, INC.

6/F DFA Building

Roxas Boulevard, Pasay City

The President

**OBLATE SISTERS OF THE MOST HOLY REDEEMER,
INCORPORATED – SERRA’S CENTER FOR GIRLS**

Main Office Address

#9 St. Jude Street, Multinational Village, Parañaque City

Facility Address

#162 Sinciego Street, F.B. Harrison, Pasay City

Hon. Francisco M. Domagoso “Isko Moreno”

Manila City Mayor

Manila City Hall

Padre Burgos Ave, Ermita, Manila, 1000 Metro Manila

Hon. Edwin L. Olivares

Paranaque City Mayor

Paranaque City Hall

San Antonio Ave, San Antonio, Parañaque, 1700 Metro Manila

The Executive Director

Participation of Protected Area Management Board (PAMB)

DENR, Visayas Ave Diliman Quezon City

The President

SOFITEL PHILIPPINE PLAZA

CCP Complex, Roxas Blvd, Pasay, 1300 Metro Manila

ANNEX 3.0 ATTENDANCE SHEETS



technotrix integrated services corp.

Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
Bonifacio Global City, Taguig City 1634

Telefax No. (02) 7373 1456

Email: technotrix@tisc@gmail.com

Local Gov't Unit

ATTENDANCE

Activity **Information, Education and Communication (IEC) for the Proposed Pasay City 260-Hectare Reclamation Project**

Date and Venue **07 February 2020/ Cuneta Astrodome, Derham St., corner Roxas Boulevard Pasay City**

Name	Office/Designation	Contact No.	E-mail address	Signature
1. Eugonico M. Lopez	City Planning Division	09162595242 8254808	eugenio.lopez@tisc.com	Eugonico M. Lopez
2. Enrrique S. Pascual III	BPLD LIT	833-37-26		Enrrique S. Pascual III
3. ENRIQUE S. PASCUAL III	PCBB	0917844673	enrique.pascual@pcbb.com	Enrique S. Pascual III
4. Nebuchadnezzar Aronin	CEO/Engineering	09328519219	enq-mannix@tisc.com	Nebuchadnezzar Aronin
5. MERUITA L. LAGMAY	CPDO/CPDC	8834 0439		Meruita L. Lagmay
6. CRISANTO M. MARTINEZ	CEO/ENGINEERING	821 2446		Crisanto M. Martinez
7. Ruth Reynald	Office of the Vendor	09052518444	brujin@gmail.com	Ruth Reynald
8. Reynante Espino	OFFICE OF GOV. PADOA	09064706752	espino-reynante@yahoo.com	Reynante Espino
9. LINDA B. LIPIT	Public Movers HRP	09454986674	pasay.ceapl@gmail.com	Linda B. Lipit
10. Vito F. Parling	OCS	0994575625		Vito F. Parling



technotrix integrated services corp.

Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
Bonifacio Global City, Taguig City 1634

Telefax No. (02) 7373 1456

Email: technotrix.iisc@gmail.com

Name	Office/Designation	/Contact No.	E-mail address	Signature
11. Velma Perez	Family Intouch Presiden	852 82 16		
12. NIÑO JESUS RODA	COUN. Aileyn Padua	8833-37-36		
13. Severo P. Macabuh	CEO	8533324		
14. Mr. P				
15. DORIS FAJARDO	TPMO	88890218		
16. Marian Joy Limpiado	PSO I	.		
17. Edward R Padilla	PSA			
18. Joey Calixto Isidro	City Council/Comm	0917500-5639		
19. MARLON RESEBRE	CITY COUN.	09285006631		
20. Jose Miguel Maniz	ck Fed	09173016471		
21. ARJUNO FORTALOSA	CHIEF	09055208985		
22. RICHARDO SANTOS	CITY COUNCIL	09084208903		



technotrix integrated services corp.

Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
Bonifacio Global City, Taguig City 1634

Telefax No. (02) 7373 1456

Email: technotrix.tisc@gmail.com

Name	Office/Designation	/Contact No.	E-mail address	Signature
23. ERLINA MACA JR	COUNCILOR P1102	09779882762		
24. DONNA VERMANTER	City Council	0917-7231159		
25. Jenica Lopez		09120198111		
26. KAREN FLO	CONN. ALCEO	09107082404		
27. WILMA DELA CRUZ	CONN. ALCEO	09230206546		
28.				
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33.				
34.				



technotrix integrated services corp.

Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
Bonifacio Global City, Taguig City 1634

Telefax No. (02) 7373 1456

Email: technotrix.issc@gmail.com

Name	Office/Designation	/Contact No.	E-mail address	Signature
23. <u>ALLAN T. PANALIGAN</u>	<u>CITY COUNCILOR</u>	<u>02291841444</u>	<u>atpanaligan@yahoo.com</u>	
24. <u>Boydel del Rosario</u>	<u>VICE MAYOR</u>	<u>0917847065</u>	<u>ndr2244@com</u>	
25. <u>MAYOR MERIDA CRISTO - RUBINO</u>	<u>CITY MAYOR</u>	<u>0917852886</u>		
26. <u>PICARLOS SINTOS</u>	<u>COUNCILOR</u>	<u>0917331460</u>		
27. <u>Julie G. Gonzales</u>	<u>Councilor</u>	<u>0917331460</u>		
28. <u>DONNABEL VENDORA</u>	<u>CITY Councilor</u>	<u>0917-731159</u>		
29.				
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32.				
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34.				

**technotrix integrated services corp.**

Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
Bonifacio Global City, Taguig City 1634
Telefax No. (02) 7373 1456 Email: technotrix.tisc@gmail.com

Government Agencies**ATTENDANCE**

Activity **Information, Education and Communication (IEC) for the Proposed Pasay City 260-Hectare Reclamation Project**

Date and Venue **07 February 2020/ Cuneta Astrodome, Derham St., corner Roxas Boulevard Pasay City**

Name	Office/Designation	Contact No.	E-mail address	Signature
1. Arduimedes P Taraya	TNCE, Phil Navy	07163352968	ardue.taraya@navy.mil.ph	
2. Bernie A. Eroles	NMP, CPRD	09154722915	nmpculturalproperties@gmail.com	
3. VICTORIANO M. MACATANGAY	MMDA-FLOOD CONTROL	09432924995		
4. Catherine Agustin	Chief TO/DO/DO-NCR	459520	ceagustina@freemove.com.ph	
5. CPT JONATHAN F MIGABEN (PNCM)	N4, PN	8977552908	negabind200@gmail.com	
6. Frans Christian R. Serrano	DENR-MBCO / PMEO	09174579077	frans.crs@gmail.com	
7. Junella Mae F. Riego	DENR-MBCO / PMEO	09175876351	jfrigo.denr@gmail.com	
8. ALVIN CONSTANTINO	DENR-NCR	09178077007	alv79@gmail.com	
9. DINNA C. CAMARAO	EMB-NCR	09154842656		
10.				



technotrix integrated services corp.

Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
Bonifacio Global City, Taguig City 1634

Telefax No. (02) 7373 1456

Email: technotrix.tisc@gmail.com

email

Name	Office/Designation	Contact No.	E-mail address	Signature
11. ERS KRISTEL JADE RAMILLANO PCG	PCG	09177109492	ers@coastguard.ph	
12. ERS MARY ANDREW C MANGOLAVE PCG	PCG	0949-122-3093	mary@coastguard.gov.ph	
13. Florenz Earl Gomez PCG	PCG	09042590100	feng1208@gmail.com	
14. Zoraida Umang BMB	BMB	925-8951		
15. Christian Vincent Sultana DEUR- BMB	DEUR- BMB	09352648139		
16. Michael Broedel DTI- B701	DTI- B701	08895-7618	m6broedel@dti.gov.ph	
17. MANDO R. JARAMA PRA-SEM	PRA-SEM	09175865391	mando-jarama@pradep.gov.ph	
18. Nibel S. ORTIZ PPA-PMONEN SO.	PPA-PMONEN SO.	09052944510	nibelortiz@gmail.com	
19. PINEA MARK JOHN D PRA-SEMS	PRA-SEMS	09237266397	mark-john1527@gmail.com	
20. CHESTER CHUA PRA-PEV	PRA-PEV	09218551930		
21. Hannah Jane Atore PRA-ENV	PRA-ENV	0917-156-5919		
22. Jhenn Aryll Caballero DICT	DICT	09364253839	jhenn.caballero@dich.gov.ph	



technotrix integrated services corp.

Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
Bonifacio Global City, Taguig City 1634

Telefax No. (02) 7373 1456

Email: technotrix.tisc@gmail.com

Name	Office/Designation	/Contact No.	E-mail address	Signature
23. AR. MA. LUISA VACERIO	NHCP - AR - III	09176309296	lmvderio-15@gphco.com	
24. WILMER P. GODOT	NHCP Architect	09154541695	arkiwillmergodot@gmail.com	Wilmer
25. Joanne Rose Eduria	DepEd Pasay Division Engineer	09151935913	eduriajoanne@yc.	
26. Lamberto S. Cruz, Jr.	Legal	0906222220	lamberto.cruz@diat.gov.ph	
27. FRANCISCO ALCONERA	DIVISION SURVEY DIV.	0924339889	falconera@diat.gov.ph	
28. Michael Makabenta	AE-I	7944-2068	asde@diat.gov.ph	
29. A. CALIXTO	REPRESENTATIVE			
30.				
31.				
32.				
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technotrix integrated services corp.

 Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
 Bonifacio Global City, Taguig City 1634

Telefax No. (02) 7373 1456

Email: technotrix.tisc@gmail.com

PRIVATE SECTORS
ATTENDANCE

 Activity **Information, Education and Communication (IEC) for the Proposed Pasay City 260-Hectare Reclamation Project**

 Date and Venue **07 February 2020/ Cuneta Astrodome, Derham St., corner Roxas Boulevard Pasay City**

Name	Office/Designation	/Contact No.	E-mail address	Signature
1. P. Ervin Mondo	Environmental Consultant	09086869404	Ervin.mondo@gmail.com 09086869404	
2. Ma Luisa B. Villacorta	Ulticon Builders Inc			
3. Wilma G. Herrera	Ulticon Builders Inc			
4. Elton Bailan	Solair	09985740177	eltonbailan@solairresort.com	
5. Ernie Hung	ORE General	09171486767	chhuang@cheerbj.com	
6. SERGIO ORTIZ-LOUIS JR PH/EXPORT		(0917)5278644		
7. JUANITO B. SUMASIT	KLD CORP.	09776293096		
8. AGATON C. TOMXOZ	KLD CORP	0939-4465877	KLDCORP@gmail.com	
9. JOHN MICHAEL GARGULLO	AMH	09173276802	michael.gargullo@amphill.com	
10. ANN TAN				


technotrix integrated services corp.

 Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
 Bonifacio Global City, Taguig City 1634

Telefax No. (02) 7373 1456

Email: technotrix.tisc@gmail.com

Name	Office/Designation	Contact No.	E-mail address	Signature
11. Anabel Mariano	WTC/VP	09175720298	aemariano@automanila.com.ph	<i>[Signature]</i>
12. AIRMAN U. CARGADO	WTCMM/FACILITIES MGR.	0995 5402379	AUCARGADO@ WTCMANILA.COM.PH	<i>[Signature]</i>
13. A. MARTINEZ	SOF/F&E	09173092103	andy.martinez@sofitec.com	<i>[Signature]</i>
14. C. BATAILLE	SOE/TEL			<i>[Signature]</i>
15. Ma. Herdy C. Lugo	PHUSTRPORT	230 5555	edlugo@philgo.ph	<i>[Signature]</i>
16. Apolinario Ame	PHUSTRPORT	Same		<i>[Signature]</i>
17. Jose Rene F. Villegas	cto TECHNOTRIX	0915 5571032		<i>[Signature]</i>
18. Paul Benda	Libra Law	09154899628		<i>[Signature]</i>
19. Carlo Fernandez	Libra Law	09399258800		<i>[Signature]</i>
20. M. MAGCAL	LIBRA	09178526271	michael.magcal@ libralaw.ph	<i>[Signature]</i>
21. E. Hilario	Libra	09171085302		<i>[Signature]</i>
22. ROSE EBIDO	UBI	09171378472		<i>[Signature]</i>



technotrix integrated services corp.

Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
Bonifacio Global City, Taguig City 1634
Telefax No. (02) 7373 1456 Email: technotrix.tisc@gmail.com

	Name	Office/Designation	/Contact No.	E-mail address	Signature
23.	Atty. Gil Fernandez	Libra law			
24.	Dario B. Co	COON. R. S. S. S.			
25.	Hazel Victoriano	technotrix			
26.	Rachel Douglasen	Technotrix		jachvictoriano@gmail.com	
27.	Myreen Arroyo	Technotrix			
28.	Lorche Baeza	Technotrix			
29.	Israel Victoriano	Technotrix			
30.	Myreen Arroyo	Technotrix			
31.	MICHELLE VICTORIANO	technotrix			
32.					
33.					
34.					



technotrix integrated services corp.

Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
Bonifacio Global City, Taguig City 1634
Telefax No. (02) 7373 1456 Email: technotrix.tisc@gmail.com

Church / School/ NGO

ATTENDANCE

Activity **Information, Education and Communication (IEC) for the Proposed Pasay City 260-Hectare Reclamation Project**

Date and Venue **07 February 2020/ Cuneta Astrodome, Derham St., corner Roxas Boulevard Pasay City**

Name	Office/Designation	/Contact No.	E-mail address	Signature
1. <i>Bernardo Benedicto III</i>	Trustee / Philexport maritime lawyer	09178960993		<i>[Signature]</i>
2. <i>ANTONIO MARGA</i>	DLSU / Admin	85244611	antonio.marga@ca	<i>[Signature]</i>
3. <i>REODEL MASILUNGAN</i>	DLSU / FACULTY	85244611	reodel.masilungan@dlsu.edu.ph	<i>[Signature]</i>
4. <i>RYAN H. BASCO</i>	SPECS	8007647	specs.incorporated@yahoo.com	<i>[Signature]</i>
5. <i>MA-CRISTINA AVILA</i>	MAJALABAN MARKET VENDOR'S ASSN. INC	09263060571		<i>[Signature]</i>
6. <i>ARMIDA R. CERDENA</i>	GENOWIND KOA Inc.	09953348569		<i>[Signature]</i>
7. <i>JOHN N. NADUA</i>	Koalisyon Ng Mayor Samahang Taga-Bahay	0920.9148457		<i>[Signature]</i>
8.				
9.				
10.				



technotrix integrated services corp.

Unit 1206 Trade & Financial Tower, 7th Avenue corner 32nd Street,
Bonifacio Global City, Taguig City 1634

Telefax No. (02) 7373 1456

Email: technotrix.tisc@gmail.com

Local Barangay

ATTENDANCE

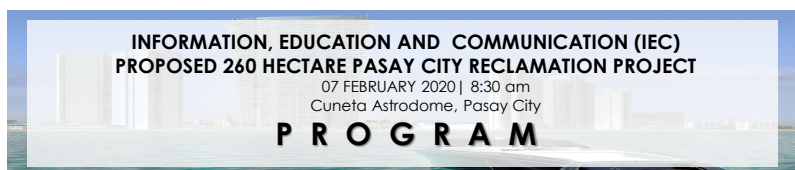
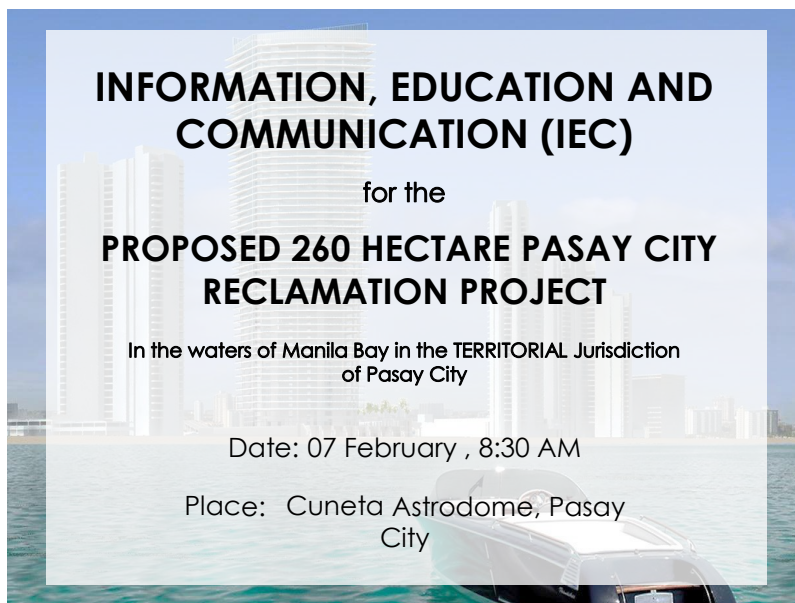
Activity **Information, Education and Communication (IEC) for the Proposed Pasay City 260-Hectare Reclamation Project**

Date and Venue **07 February 2020/ Cuneta Astrodome, Derham St., corner Roxas Boulevard Pasay City**

Name	Office/Designation	Contact No.	E-mail address	Signature
1. <i>Herminio B. San Miguel</i>	<i>P/B</i>	<i>8316826</i>		<i>[Signature]</i>
2. <i>DECILIO B. SAN MIGUEL</i>	<i>BGY.</i>	<i>8316826</i>		<i>[Signature]</i>
3. <i>ROSE H. GUANOS</i>	<i>Brgy Kwd</i>	<i>8340812</i>		<i>[Signature]</i>
4. <i>Pe Amador</i>	<i>[Signature]</i>	<i>09347601200</i>		<i>[Signature]</i>
5. <i>JUN PULSUTIN</i>	<i>SEZ - SUNSOBAT</i>	<i>09325801758</i>		<i>[Signature]</i>
6.				
7.				
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ANNEX 4.0

IEC PRESENTATION



8:30 – 9:30 a.m.	Registration
9: 30 – 10:00 a.m.	Invocation and National Anthem LGU Representative
10: 00 – 10:15 a.m.	Introduction and Acknowledgement of Participants Technotrix Integrated Services Corp.
10: 15 – 10:30 a.m.	Welcome Remarks
10: 30 – 10:45 a.m.	Brief Overview of the EIS System: Objectives and Mechanics of the Information, Education and Communication
10: 45 – 11:30 a.m.	Brief Presentation of the Project A. Presentation of Project B. Presentation of the Initial/Predicted Environmental Impacts and Mitigation Measures
11:30a.m. - Onwards	Open Forum
	Synthesis and Next Step
	Closing Remarks





“process for predicting and evaluating the likely impacts of a project on the environment during construction, commissioning, operation and abandonment. ..includes designing appropriate preventive, mitigating and enhancement measures ...to protect the environment and the community's welfare”.



Philippine Environmental Policy

To protect the right of the people to a healthy environment through a requirement of environmental impact assessment.

an urgent need to formulate an intensive, integrated program of environmental protection that will bring about a concerted effort towards the protection of the entire spectrum of the environment through a requirement of environmental impact assessments and statements



BASIC REQUIREMENT FOR ALL PROJECTS

- A planning tool which stakeholders can use in exercising their individual mandates or missions.

An ECC is not a permit

What is IEC



For early stakeholder involvement of providing project information to prepare them for the the Public Scoping Proper; the next prescribed step

What follows IEC



- ✓ Public Scoping
- ✓ Technical Scoping
- ✓ EIS Report
- ✓ Technical Review
- ✓ EIS Report Revision
- ✓ Public Hearing
- ✓ Final EIS Report Review
- ✓ Decision on ECC Application



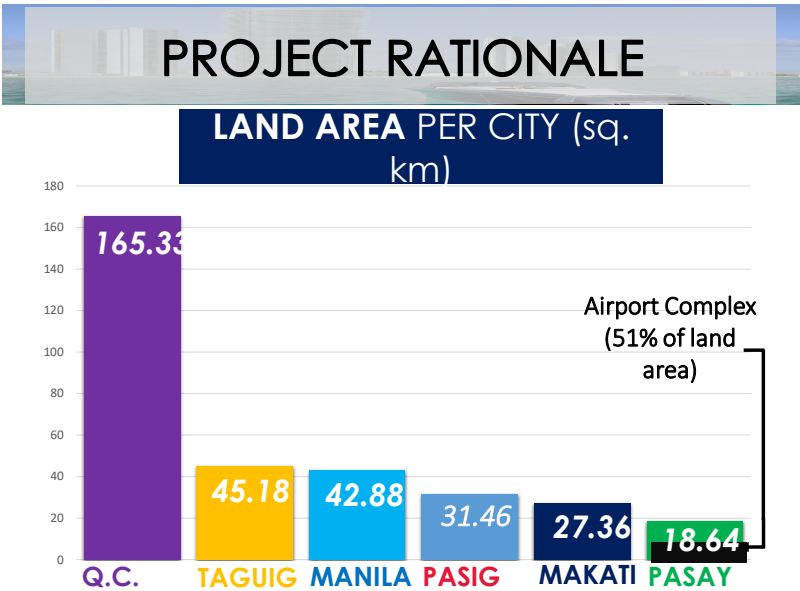
ITEM	PROJECT INFORMATION
Name of Project:	Proposed 260 – Hectare Pasay City Reclamation Project
Project Location:	In the Waters of Manila Bay in the Territorial Jurisdiction of the City of Pasay
Project Category per EMB Memorandum Circular 2014-005	Category A: Environmentally Critical Project (ECP) Major Reclamation Project \geq 50 hectares

BASIC PROJECT INFORMATION

ITEM	PROJECT INFORMATION
Project Classification per EMB Memorandum Circular 2014-005	3.3 Reclamation and other land restoration project
Project Cost	PhP 62 Billion
Project Timeline	Within approximately five (5) years

PROJECT PROPONENT/ EIA PREPARER

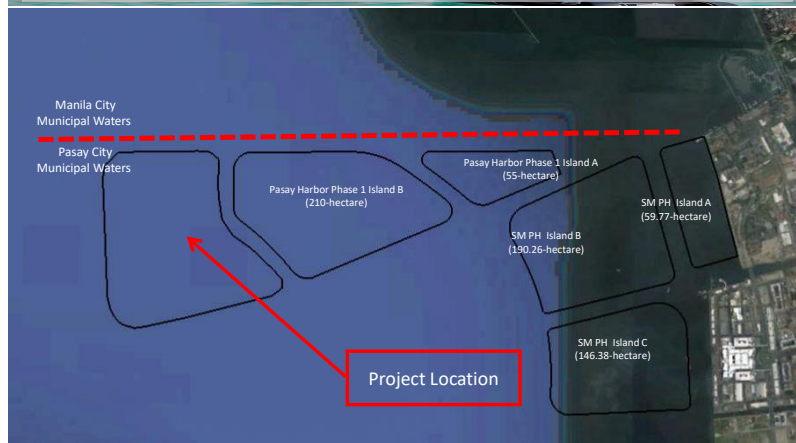
ITEM	PROJECT INFORMATION
Project Proponent:	City Government of Pasay
Telephone Number:	(02) 833-3729
Proponent Address:	Pasay City Hall F.B. Harrison, Pasay City
EIA Preparer:	Technotrix Integrated Services Corp.
Telephone Number:	(02) 7373-1456



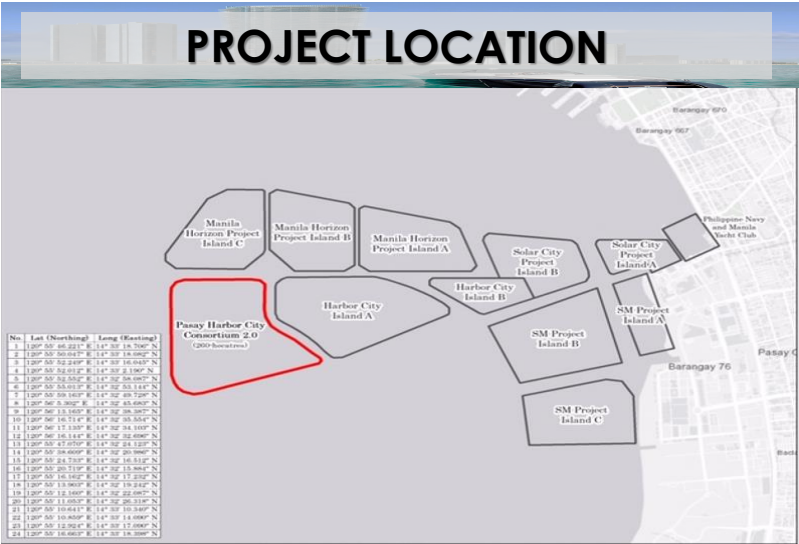
PROJECT RATIONALE

- No fisherfolk & informal settlers will be dislocated
- Outside of any watershed, sanctuaries, or protected areas
- No corals, mangroves, or marine life in the project site
- Strategic location (Airport)
- Fast emerging CBD with rising demand for commercial and residential properties
- Increasing land values in the MOA area
- Private Sector Funded, Zero Cost to the Government**
- Employment Opportunity**
- Higher local taxes to fund City Social Services (schools, hospitals, Senior Citizen, Brgy Health Center)

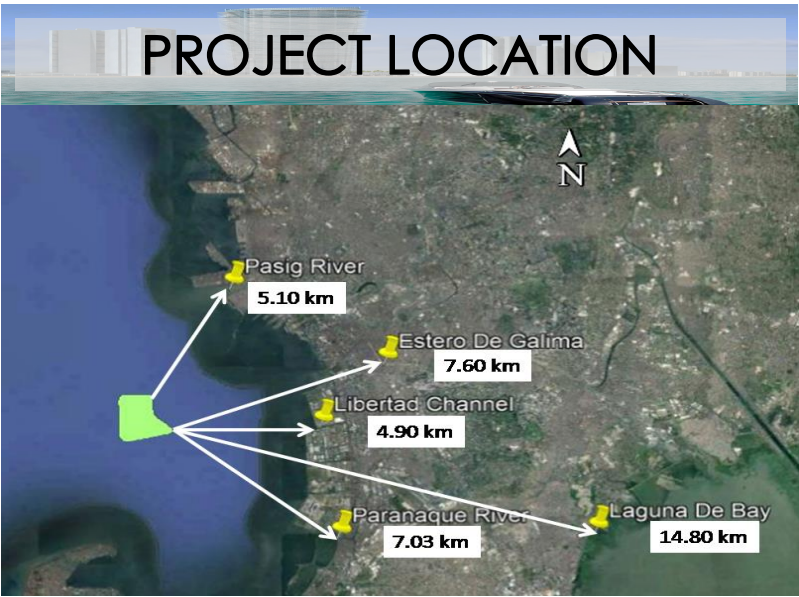
PROJECT LOCATION

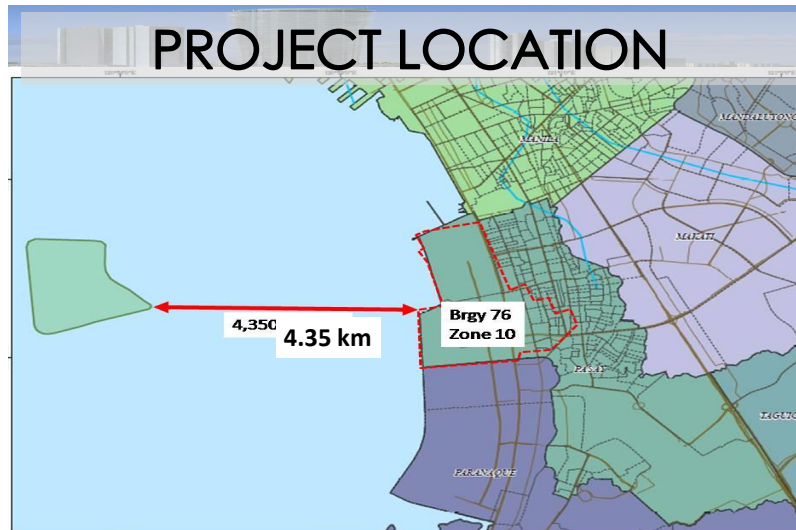


Reclamation Projects in the Municipal Waters of Pasay City (with adjacent Reclamation Projects)



Map of the Site and Vicinity





Barangay Boundaries Map and the Proposed Project vis-à-vis the Impact Barangay (Brgy. 76 Zone 10) and shoreline



Project Site Relative to the LPCHEA (LPP WP), roads and landmarks

PROJECT COMPONENTS

COMPONENTS	SIZE
Island (One)	260 HECTARES (MORE OR LESS)



CONCEPTUAL MASTER DEVELOPMENT PLAN

With wide array of Harbor-based activity elements can be designed into the Master Plan, creatively programming:

- 10 kilometer shoreline with 200-meter water Channel
- One Island with possible Man-made beaches
- Harbor and Tourism facilities
- Marinas and Boating Facilities
- Water-based activities
- Sea-based transportation and mobility
- Resort-theming
- Manila-Bay Sunset views



PROPOSED LAND USE ALLOCATION

Land Use	Area (Hectares)	Percentage to TOTAL
Mixed-Use Commercial Development	47.76	18.37
Office and other Industry Development	44.40	17.08
Mixed-Use Residential Development	48.93	18.82
Low-Medium Density	(14.68)	
High Density	(34.25)	
Port Facility	40.90	15.73
Parks and Open Spaces	78.00	30.00
Roads, Utility and Connectivity Network	(58.92)	
Parks and Linear Greenspaces	(19.08)	
TOTAL	260.00	100.00

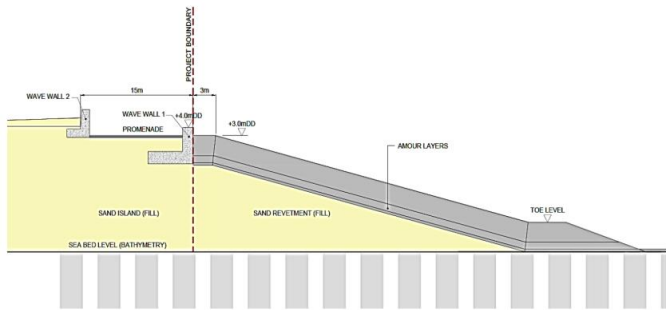
PROJECT COMPONENTS

COMPONENTS	SIZE
Containment Structure	TBD



PROJECT COMPONENTS

COMPONENTS	SIZE
Containment and storm surge protection	TBD



PROJECT COMPONENTS

COMPONENTS	SIZE
Internal Road Network	30m wide variable lengths



PROJECT COMPONENTS

COMPONENTS	SIZE
Access way (external)	Connecting bridges to Pasay City Harbor Consortium (265ha project) and SMPH Phase 2



PROJECT COMPONENTS

COMPONENTS	SIZE
Drainage Engineered system compliant to building codes	TBD
Waste Water Treatment Systems Construction Phase: OWS/Bilge System in Vessels	PER DESIGN OF VESSEL



RESOURCE UTILIZATION

- POWER
- WATER
- TELECOMMUNICATION



PROJECT ALTERNATIVES

Rationale for selection of landform configuration and the number of islands

ENVIRONMENTAL ASPECTS :

- TERRITORIAL JURISDICTION
- ECA'S
- BATHYMETRY
- MARINE RESOURCES
- PUBLIC
- PROXIMITY TO FILL SOURCE
- WATER CIRCULATION

PROJECT ALTERNATIVES METHODOLOGY

ACTIVITY	ALTERNATIVE	ENVIRONMENTAL ASPECTS
Dredging	depends on who Reclamation Contractor is - own vessel type and set of equipment	Potential impact on marine life, water quality
Filling method (by TSHD)	Direct discharge	less siltation
	Indirect discharge (thru rehandling pit)	more dredging
	Rainblowing	wider impact area

PROJECT ALTERNATIVES METHODOLOGY

ACTIVITY/COMPONENT	ALTERNATIVE	ENVIRONMENTAL ASPECTS
Containment structure dictated by geotechnical characteristics	Rocks	essentially no siltation
Filling method (by TSHD)	Steel piles	essentially no siltation



PROJECT ALTERNATIVES RAW MATERIALS

OPTION 1: SAN NICHOLAS SHOAL

- Since materials also coming from Manila Bay characteristics relatively similar to the seabed at project site, minimizing introduction of foreign materials.
- Closest to project site



PROJECT ALTERNATIVES RAW MATERIALS

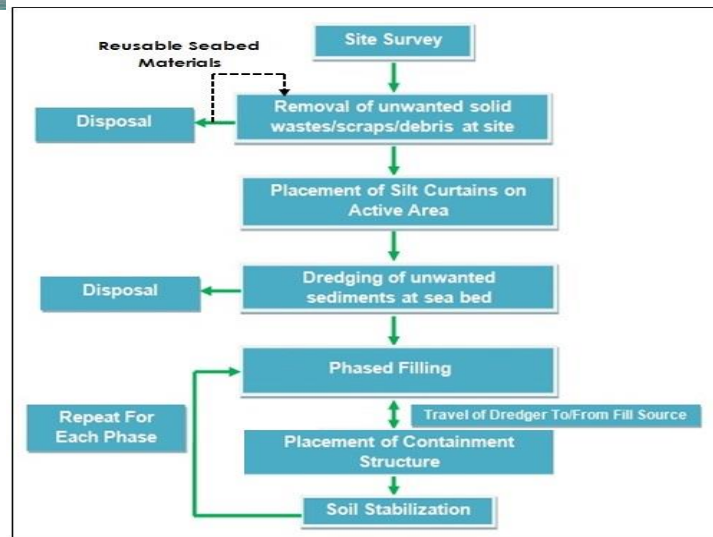
OPTION 2: "Lahar" from Mt. Pinatubo

- Suitability with respect to quality still to be evaluated
- Transport considerations.
- Cost considerations.

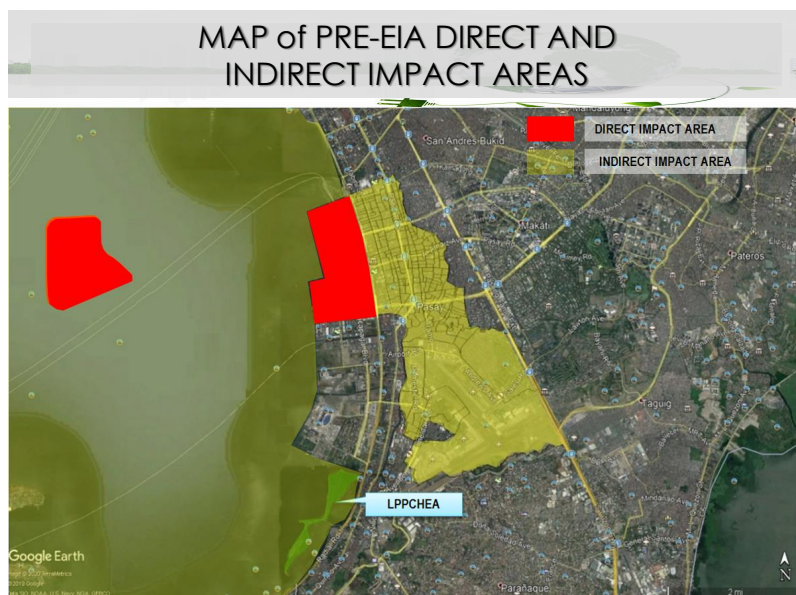
OTHERS:

- e.g. Dredging of river in Pampanga.
- To be evaluated

PROCESS TECHNOLOGY



VIDEO PRESENTATION OF RECLAMATION PROCESS





PRE-EIA DIRECT IMPACT AREAS

- The reclamation area itself
- Barangay 76 Zone 10 Pasay City fronting the site and hosting onshore establishments



PRE-EIA INDIRECT IMPACT AREAS

- Pasay City
- Surrounding waters
- LPP WP
- Pasay Harbor 265-hectares
- SMPH 360-hectares
- Manila Horizon 419-hectares



CONSTRUCTION / RECLAMATION PHASE: LAND

Potential Impact	Options for Prevention or Mitigation* or Enhancement
Solid Waste Generation	<ul style="list-style-type: none">• Domestic garbage from crews segregated and collected onboard ship and disposed onshore per RA 9003. No garbage disposal to Manila Bay.• Inventory (volume) of solid wastes to be recorded

CONSTRUCTION / RECLAMATION PHASE: LAND

POTENTIAL IMPACT	MITIGATING MEASURES
Perception of flooding onshore as a result of reclamation	Circulation /Oceanography Studies to be conducted
	City drainage system not disturbed

CONSTRUCTION / RECLAMATION PHASE: LAND

POTENTIAL IMPACT	MITIGATING MEASURES
Storm surges/waves and flooding on land	Reclamation Platform itself with wave deflector gives sheltering effect
Subsidence	In Metro Manila, caused by underground water extraction, which will not be undertaken.

CONSTRUCTION / RECLAMATION PHASE: LAND

POTENTIAL IMPACT	MITIGATING MEASURES
Protected Area	Project site not in protected area
Ground shaking and liquefaction	Structural and engineering design intervention

CONSTRUCTION / RECLAMATION PHASE: WATER

POTENTIAL IMPACT	MITIGATING MEASURES
Disturbance of marine species/damage to or impairment of economically significant marine life.	silt curtains, dredging methodology
Fisheries and mariculture	silt curtains, dredging methodology

CONSTRUCTION / RECLAMATION PHASE: WATER

WATER-MARINE ECOLOGY

- Ang porma ng ilalim ng Manila Bay ay PUTIK, BURAK, LATAK at BASURA
- Malabo ang tubig sa reclamation site dahil maraming nahalong LATAK
- Dahil dito walang BAHURA (CORALS) at DAMONG DAGAT (SEAGRASS) – ito ang mga bahay ng isda
- May mga isda naman pero mga GALA (tamban, yung sardinas at binebentang tuyo) at tahong din (duon sa breakwater) PERO MALILIIT, AT baka may nakakalason na laman (nakalunok na ng sobrang liit na plastik)
- Walang Bakawan (Mangroves) sa site – andun sa Paranaque, malayo...

ITO ANG KONDISYON NG REKLAMASYON SITE



CONSTRUCTION / RECLAMATION PHASE: WATER

POTENTIAL IMPACT	MITIGATING MEASURES
Silt dispersal/turbidity increase due to seabed disturbance	Silt curtains and screens, etc.
	Phasing of construction schedule

WATER CIRCULATION AND CURRENTS BY DESIGN OF ISLAND

CONSTRUCTION / RECLAMATION PHASE: WATER

POTENTIAL IMPACT	MITIGATING MEASURES
Contamination from filling materials	Filling materials from Manila Bay Pre Screening
Water contamination, e.g. oil leaks, domestic wastes from construction workers	Onboard vessel oil containment and recovery equipment Own temporary toilet facilities, Disposal on land by 3 rd party

CONSTRUCTION / RECLAMATION PHASE: WATER

POTENTIAL IMPACT	MITIGATING MEASURES
Siltation from disposal of unwanted dredged materials	Approved disposal methodology and site
Competition in water usage	Arrangement with concessionaires
	No underground abstraction

CONSTRUCTION / RECLAMATION PHASE: AIR

POTENTIAL IMPACT	MITIGATING MEASURES
DEGRADATION OF AMBIENT AIR QUALITY	MARPOL /Clean Air Act Standards
NOISE GENERATION	DISTANT FROM POPULATION CENTERS

**CONSTRUCTION / RECLAMATION PHASE:
PEOPLE**

POTENTIAL IMPACT	MITIGATING MEASURES
Disruption of lifestyle and cultural values	Implementation of SDP
Threat to employment and livelihood	Prioritization of qualified local residents





- Being only at the initial stage of the EIS Study we shall try to respond to all your questions and issues today but some of these may need further studies
- An ECC is only a planning tool to which the stakeholders can use in exercising their individual mandates or missions.
- Engineering details are undertaken after an ECC is secured. These are subject to PRA approval for the Notice to Proceed



NAME OF PARTICIPANT / SECTOR	ISSUES / CONCERNS	RESPONSE





FOR MORE INFORMATION, CONTACT

City Government of Pasay
Pasay City Hall, F.B. Harizon, Pasay City
Telephone: 02 (833-3729)

OR

TECHNOTRIX INTEGRATED SERVICES CORP
Bonifacio Global Taguig City
Telefax: (02) 416 4625
Email: technotrix.tisc@gmail.com

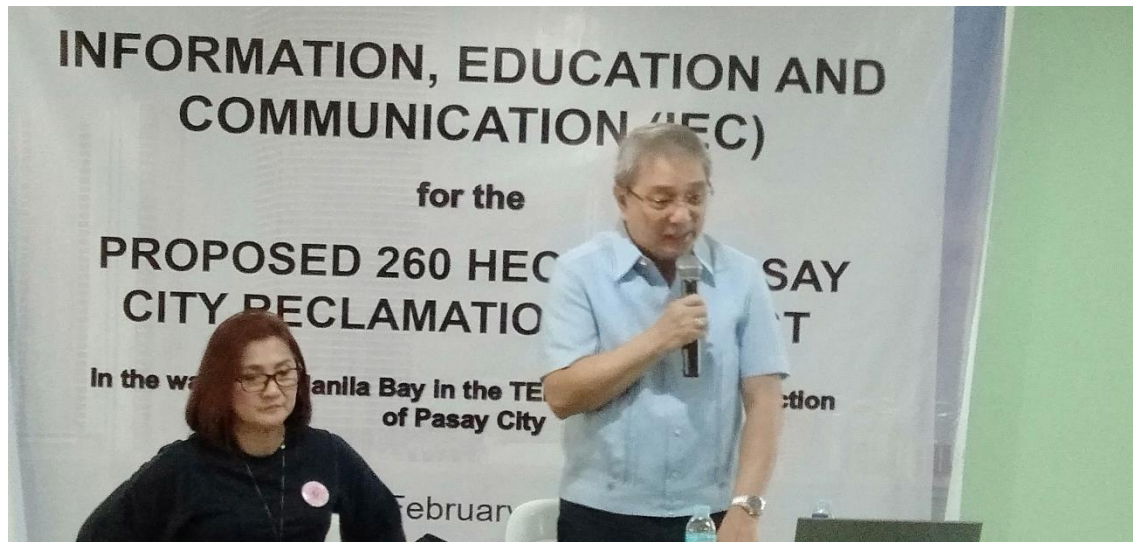
ANNEX 5.0 PHOTOGRAPHS OF THE IEC ACTIVITY



REGISTRATION



HON. MAYOR IMELDA CALIXTO-RUBIANO DELIVERING OPENING REMARKS



MESSAGE FROM CONGRESSMAN ANTONINO G. CALIXTO



PRESENTATION BY EIA PREPARER



PRESENTATION BY EIA PREPARER – ON MARINE





OPEN FORUM





CLOSING REMARKS BY HON. MAYOR IMELDA RUBIANO-CALIXTO

ANNEX 6.0

SUMMARY MATRIX OF ISSUES AND CONCERN

ISSUES AND CONCERNS RAISED DURING THE IEC

NAME/AFFILIATION	ISSUES/CONCERNS	RESPONSE
Catherine Agustin Chief TOO – DOT NCR	With the existing Manila Bay Task Force committee which several national gov't agencies are members, suggests to the proponent or the preparer to coordinate with several gov't agencies who are member of task force to get in touch or get a clearance with regards to the proposed projects.	Jean Ravelo: Noted po ma'am Kasama po talaga si Manila Bay Task Force sa mga iniinbita ni preparer para dumalo sa technical review at sa mga ibang gov't agencies sila po ay hihingian ng permit by way of LONO at kasama din po si DOT sa mga ito.
Councilor Ricardo Santos City Councilor	"Im just hoping to start this project as soon as possible while I'm still alive so that I can witness the success of this projecgt."	Jean Ravelo: Noted po.
Bernie A. Eroles National Museum of the Phils.	One of the requirement of medium for this kind of construction development, Is the Archgeological Impact assessment Mayroon po tayo nito Tanong ko lang po kung saan po kukunin yung mga raw materials for the sa reclamation	Usually po nitong mga nakaraang taon pinaguusapan po yan na yung Archeological Impact Assessment will be done in conjunction of dredging or preparation of the sea bed. Otherwise sa ngayon po parang too early para istorbohin ang seabed lalot wala pa namang ginagawang trabaho doon, yun po yung napagkasunduan sa ibang projects ng inyong office at DENR na sabay napo sya sa studies na ganoon. Gagawin pero after ng IEC, gagawin bago simulant yung project. Again sinabi ko na, options palang po ay ang San Nicolas Shoul ng if could be anywhere else nd pupwede ang materials.
Francisco Alconera CAAP	Tanong ko lang po, actually ang problem po naming ay more on later part pa po. Sa proponent po na gagawa ng building sa gagawing reklamasyon. ang tanong ay yung itatayong building, yung height nito ay makakaapekto sa operation ng airport, either sa MIA, Bulacan. Hindi po kaya	Jean Ravelo: sa pagkakaalam ko po sa master planning po nito ay may height limit na susundin Dr. Bruce: We will consider po na after ng ECC, sa paggawa ng detailed feasibility study po, duon na po namin hihingin sa inyo yung height clearance, titignan kung gaano katas iaallow ng CAAP, yun po and

	kami nakalimutan? Sa height limitation po?	gagawin basehan ng itatayong structure.
Armina Robles Cerdena Heronimo Home Owners	May gagastusin ba and City Government sa project na ito?	Dr. Bruce: Lahat po ng gastos ay sasagutin ni partner private sector.
Engr. Divina Camarao EMB- NCR	Nabanggit ni sir kanina yung classification ni Manila bay. Paki consider sa report na ang Manila Bay na class SB water	Jean Ravelo: Salamat po
Mr. Antonio Maralit De La Salle University	Nais naming isama sa scoping <ol style="list-style-type: none"> 1. Study should include heavy metal sediments, may mga findings po na lahat ng reclaimed areas sa Pasay at Manila ay mataas ang heavy metal sediments. 2. Tungkol sa Mandadus, gusto po sana naming tignan din din how does this complement or may be contradict to the call of the supreme court. Paano di makakaapekto. 3. Tsunami at storm surges, sa layout kanina, yung project ay nasa pinaka bukana na nagsisilbing kalasag nung ibang proyekto, baka kailangan mag simulation study. 4. For the DENR, diba iba ang treatment sa EIS per project, baka pedeng tignan collectively. 5. Hindi na daw po mag-aapprove ang president ng any reclamation project? 	Jean Ravelo: <p>Usually we are required to test the water quality, physical water quality for the water.</p> <p>2. Mandamus, ito pong ahensya na nagpapatupad ng Mandamus ay iniimbata sa pagrereview ng committee.</p> <p>3. Lahat po ng hazard ay kasama sa pinag aaralan tulad ng lindol, tapos mayroon po kaming mathematical modeling para sa storm surgeat tsunami, kaya nga po nire-require ni PRA and minimum height ng island</p> <p>4. Hiwa-hiwalay – sa numerical modeling ni rerequire ni DENR, na lahat ng proposed leading entity, basta yung alam mo na medyo tutoong project ay isinasama sa circulation modeling.</p> <p>5. Medyo labas nap o sa aking kaalaman yan at di kop o ito masasagot</p>

ANNEX 7.0

PERCEPTION SURVEY RESULTS

PERCEPTION SURVEY RESULTS
PROPOSED 260 HECTARE PASAY CITY RECLAMATION PROJECT

Public Perception Survey (City of Pasay)

A Perception Survey was conducted last January 20, 2020 to February 7, 2020 to assess the socio-cultural economic situation of the communities that are to be affected by the proposed reclamation, particularly **Barangay 76 Zone 10, Pasay City**, which is the closest to the project site. Table below presents the summary of the Perception Survey conducted for the Proposed Project.

- Sex Distribution

The respondents were composed of 36.96% males and 63.04% females.

Table 1. Impact Barangays Sex Distribution;

GENDER	Barangay 76 Zone 10	
	# of HH surveyed	%
Male	17	36.96
Female	29	63.04
No Answer	0	0
Total	46	100

- Civil Status

Based on the table below, 52.17% of the respondents are single (or 24 out of 46 respondents) followed by married 39.13% and the rest are widower and separated.

Table 2. Civil Status

CIVIL STATUS	Barangay 76 Zone 10	
	# of HH surveyed	%
Single	24	52.17
Married	18	39.13
Widower	0	0
Separated	2	4.35
Atbp	0	0
No Answer	2	4.35
Total	46	100

- Religion

Table 3 shows that 82.61% of the total respondents interviewed are Roman Catholic followed by 8.70% which are Protestant and followed by Iglesia Ni Cristo and Christian.

Table 3. Religious Affiliation

Religious Affiliation	Barangay 76 Zone 10	
	# of HH surveyed	%
Catholic	38	82.61
Protestant	4	8.70
Aglipayan	0	0
INC	1	2.17
Others	1	2.17
No Answer	2	4.35
Total	46	100

- Ethnicity

The City's dialect is mostly Tagalog language. However, there are migrants from other provinces that Tagalog has essentially become their main language. Table presented below that 82.61% of the total respondents in the impact barangays are Tagalog. Others are Visayan and Ilocano.

Table 4. Ethnicity

Ethnicity	Barangay 76 Zone 10	
	# of HH surveyed	%
Tagalog	38	82.61
Cebuano	0	0
Hiligaynon	0	0
Waray	0	0
Visayan	7	15.22
Others	1	2.17
No Answer	0	0
Total	46	100

- Income, Livelihood and Employment

The main source of income of the respondents is mostly Regular Private/Government Employee, family business and through contractual job/ sub-contractor. On the other hand 43.48% of the respondents stated that the husband is the primary earner in the household while 19.57% has the wife as the primary earner. See **Table 5** and **6**.

In terms of monthly income, most of the respondents or 34.78% are earning between Php 10,001-Php 20,000, while respondents earning Php 5,001-Php 10,000 make up 28.26% followed by 6.52% earning Php 1,001-5,000 and Php 21,000 above.

Table 5. Main Source of Livelihood of Respondents

Source of Income	Barangay 76 Zone 10	
	# of HH surveyed	%
Fishing	2	4.35
Regular Private/Govt Employee	19	41.30
Contractual Job/Sub-Contractor	0	0
Family Business	4	8.70
Others	0	0
No Answer	21	45.65
Total	46	100

Table 6. Primary Earner in the Household

Primary Earner	Barangay 76 Zone 10	
	# of HH surveyed	%
Husband	20	43.48
Wife	9	19.57
Son	8	17.39
Daughter	2	4.35
Others	2	4.35
No Answer	5	10.87
Total	46	100

Table 7. Monthly Income of the Respondents

Monthly Income	Barangay 76 Zone 10	
	# of HH surveyed	%
P1,000 below	2	4.35
P1,001-P5,000	3	6.52
P5,001-P10,000	13	28.26
P10,001-P20,000	16	34.78
P21,001 Above	3	6.52
No Answer	9	19.57
Total	46	100

- Educational Attainment

Table 8 shows that the largest percentage or 43.48% of the respondents are high school graduate and college graduate respectively followed by vocational course graduates.

Table 8. Educational Attainment

Educational Attainment	Barangay 76 Zone 10	
	# of HH surveyed	%
Wala (None)	0	0
Elementary	2	4.35
High School	20	43.48
Vocational	3	6.52
College	20	43.48
No Answer	1	2.17
Total	46	100

- **Health Profile**

For the past five years, majority of the respondents have experienced two (2) sick family members. Common sicknesses in the barangay as indicated by the household respondents are fever, cold, skin disease and heart disease. See **Table 9** and **Table 10**.

Based from the result of the conducted survey, most of the respondents opted to consult to Brgy. Health Center then followed by Private Clinic. See **Table 11**.

Table 9. Number of Family Member Who Got Sick for the Past 5 Years

Number Of Family Member Who Got Sick For The Past 5 Years	Barangay 76 Zone 10	
	# of HH surveyed	%
1	7	15.22
2	11	23.91
3	2	4.35
4	1	2.17
5	0	0
No Answer	25	54.35
Total	46	100

Table 10. Common Illness in the Community

Common Illness in the Community	Barangay 76 Zone 10	
	# of HH surveyed	%
Gastrointestinal Disease	0	0
Cold	11	23.91
Fever	18	39.13
Others	7	15.22
No Answer	10	21.74
Total	46	100

Table 11. Source of Treatment for Illness of Respondents

Source of treatment for Illness of Respondents	Barangay 76 Zone 10	
	# of HH surveyed	%
House	1	2.17
Barangay Health Center	16	34.78
Government Hospital	8	17.39
Private Clinic	4	8.70
Herbalist	1	2.17
Others	0	0
No Answer	16	34.78
Total	46	100

- **Environmental Health and Sanitation**

Based on the perception survey conducted, majority of the total respondents has access to sanitation facilities.

Table 12. Type of Toilet Facility Used by Respondents

Type of Toilet Facility Used by Respondents	Barangay 76 Zone 10	
	# of HH surveyed	%
None	0	0
Water-sealed (pour flush)	19	41.30
Water-sealed (with flush tank)	6	13.04
Antipolo Type	4	8.70
Hole	2	4.35
No Answer	15	32.61
Total	46	100

- *Household's Perception about the Project*

Table 13 shows the frequency of the respondents who answered that they did not had prior knowledge and idea about the Proposed 260 Hectare Pasay City Reclamation Project. Out of the 46 respondents, 14 or 30.43% of them answered No, while 9 or 19.57% answered Yes, and the remaining 23 or 50% had no responses.

Table 13. Household Knowledge about the Proposed Project

Knowledge about the Project	Barangay 76 Zone 10	
	# of HH surveyed	%
Yes	9	19.57
No	14	30.43
No Answer	23	50
Total	46	100

Majority of the respondents answered that their source of information about the Proposed 260 Hectares Pasay City Reclamation Project was learned from barangay with a frequency of 13 or 28.26% while 1 respondent or 2.17% answered that they heard the project from their neighbor and media, and the remaining 31 respondents or 67.39% had no responses. See **Table 14**.

Table 14. Household Source of Information about the Proposed Project

Source of Information	Barangay 76 Zone 10	
	# of HH surveyed	%
Neighbor	1	2.17
Barangay	13	28.26
IEC by Proponent	0	0
Media	1	2.17
No Answer	31	67.39
Total	46	100

- *Perception*

Perceived Positive and Negative Impacts of the Proposed Project

The respondents perceive benefits from the proposed project are:

1. Livelihood and business opportunities
2. Improvement of government services
3. Improvement of roads and other infrastructure
4. Land Taxes
5. Improvement of Water Services

On the other hand, the perceived negative effects of the project to the community are:

1. Air, water and land pollution
2. Health and safety hazard
3. Increased traffic
4. Flooding
5. Generation of wastes
6. Loss of plants, trees and other infrastructures

ANNEX A DRAFT LETTER INVITATION FOR PUBLIC SCOPING

XXX FEBRUARY 2020

Name

Designation

OFFICE

Address

Dear **Mr./Ms**_____:

Greetings!

We are pleased to invite you to attend the **Public Scoping** of the proposed **260Has PASAY RECLAMATION PROJECT** of the PASAY CITY. The said activity is scheduled xxx _____ 2020 (xxx) at 8:00 AM to be held in the _____.

The Public Scoping will be conducted as part of the requirements of the Philippine Environmental Impact Statement System in relation to the proponent's application for Environmental Compliance Certificate. Representatives from the proponent will present the proposed project activities, its potential impacts, and the proposed measures to address these impacts. Project stakeholders within the concerned local communities will be given the opportunity to express freely their concerns, support, opposition or questions about the project in order to identify the most significant issues and impacts of the proposed project that need to be addressed in the project's Environmental Impact Assessment study.

Attached are a copy of the project fact sheet and tentative program for your reference. For more details, you may contact this Office at telephone numbers (02) _____.

Thank you and we look forward to your participation.

Sincerely,

ENGR. EPERANZA SAJUL

EIA Chief

**Cc: PASAY CITY GOVERNMENT
TECHNOTRIX INTEGRATED SERVICES CORP**

ANNEX B INITIAL LIST OF INVITEES FOR PUBLIC SCOPING

List of Invitees

a) Local Government Units

1. HON. MAYOR IMELDA G. CALIXTO-RUBIANO

Pasay City Mayor
Pasay City Hall Building
F.B. Harrison, Pasay City
(632)8404-39-27 / 8831-52-22
8833-37-25

2. HON NOEL DEL ROSARIO

Pasay City Vice Mayor
Pasay City Hall Building
F.B. Harrison, Pasay City

3. ENGR. LAGMAY

City Planning and Development Coordinator II
City Planning and Development Office
Rm. 211 Pasay City Hall Bldg.
F.B Harrison St., Pasay City, Philippines

4. Engr. Edwin Y. Javaluyas

City Engineer II
City Engineer Office
Rm. 301 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines
(632)831-5925 / 833-3214 / 832-2446

5. MR. ENRIQUE S. PASCUAL III

Community Affairs Officer IV
Pasay City Barangay Bureau
Rm. 305 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines
(632) 831-3322 / 831-3366

6. MR. NICANOR TEODORO

Executive Assistant IV
Pasay City Barangay Bureau
Rm. 305 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines
(632) 831-3322 / 831-3366

7. MS. ELENITA L. SALGADO

Officer-in-Charge
Business Permits and License Office
Rm. 207 Pasay City Hall Bldg.,
F.B. Harrison St., Pasay City, Philippines
(632) 551-1367

8. MR. GEORGE H. TIOPES

CGADH II
Tourism and Cultural Development Office
Rm. 417 Pasay City Hall Bldg.
F.B. Harrison St., Pasay City, Philippines
(632) 551-1367

9. MS. ROSALINDA A. OROBIA

City Social Welfare Officer III
Pasay City Social Welfare & Development
Rm. 208 Pasay City Hall Bldg.,
F.B. Harrison St., Pasay City, Philippines
(632) 831-8871

10. CITY PLANNING AND DEVELOPMENT COORDINATOR

Pasay City Hall Building
F.B. Harrison, Pasay City
551-1367

11. CITY ENGINEER

Pasay City Hall Building
F.B. Harrison, Pasay City
831-5925 / 833 - 3214

12. CITY HEALTH OFFICER

Pasay City Hall Building
F.B. Harrison, Pasay City
551-2026

13. CITY COUNCILS OFFICE

Pasay City Hall Building
F.B. Harrison, Pasay City

14. Hon. Aileen C. Padua

Brgy. Councilor
Pasay City Hall Building
F.B. Harrison, Pasay City
833-3736

15. Hon. Editha Y. Manguerra

Brgy. Councilor
Pasay City Hall Building
F.B. Harrison, Pasay City
551-7655 / 551-7648

16. Hon. Donnabel M. Vendivel

Brgy. Councilor
Pasay City Hall Building
F.B. Harrison, Pasay City
551-1943

17. PASAY CITY TRAFFIC AND MANAGEMENT BUREAU

F.B. Harrison, Pasay City

18. LIGA NG MGA BARANGAY

Hon. Juie G. Gonzales - President
4th Floor Pasay City Hall Building
F.B. Harrison, Pasay City
833-02-96

.....**Pasay City Barangays**.....

- | | |
|---|---|
| <p>19. HON. ROSEMARIE B. SAN MIGUEL
 Chairwoman
 Brgy. 76 Zone 10
 Pasay City</p> | <p>25. CHAIRMAN
 <u>Barangay 6, 23 Lourdes St. Pasay City</u>
 Tel No. 536-3456</p> |
| <p>20. CHAIRMAN
 Barangay 1, 1739 Cuyegking St. Pasay City
 Tel No. 0929-5268467</p> | <p>26. CHAIRMAN
 <u>Barangay 7, 14B San Juan St. Pasay City</u>
 Tel No. 546-7864</p> |
| <p>21. CHAIRMAN
 Barangay 2, 488 Cuyegking St. Pasay City
 Tel No. 0919-2134263</p> | <p>27. CHAIRMAN
 <u>Barangay 8, 2009 FB Harrison St. Pasay City</u>
 Tel No. 0921-3394345</p> |
| <p>22. CHAIRMAN
 Barangay 3, 1807 Cuyegking St. Pasay City
 Tel No. 524-5544</p> | <p>28. CHAIRMAN
 <u>Barangay 9, 90 Gil Puyat Ave., Pasay City</u>
 Tel No. 524-7945</p> |
| <p>23. CHAIRMAN
 Barangay 4, 1855 R. Tankian St. Pasay City
 Tel No. 0920-4542073</p> | <p>29. CHAIRMAN
 <u>Barangay 10, 54 Sta. Monica St. Pasay City</u>
 Tel No. 831-5451</p> |
| <p>24. CHAIRMAN
 Barangay 5, 43 Lourdes St. Pasay City
 Tel No. 0918-2463920</p> | <p>30. CHAIRMAN
 Barangay 11, 64 Antipolo St. Pasay City
 Tel No. 0905-4180849</p> |
| | <p>31. CHAIRMAN
 <u>Barangay 12, 54 San Luis St. Pasay City</u>
 Tel No. 831-2383</p> |

.....**City of Manila**.....

- | | |
|---|--|
| <p>32. HON. MAYOR FRANCISCO “ISKO” MORENO
 City Mayor
 Manila City Hall, Arroceros, Manila
 (02) 8527 0994</p> | <p>35. CITY ENGINEER
 Dept. of Engineering & Public Works
 3rd Floor Manila City Hall, Arroceros, Manila</p> |
| <p>33. HON. MARIA SHEILAH HONEY LACUNA-PANGAN
 City Vice Mayor, Manila
 Manila City Hall, Arroceros, Manila</p> | <p>36. CITY PLANNING & DEVELOPMENT OFFICE
 3rd Floor Manila City Hall, Arroceros, Manila</p> |
| <p>34. MANILA CITY COUNCIL
 4th Floor Manila City Hall, Arroceros, Manila</p> | <p>37. CITY TRAFFIC & PARKING BUREAU
 3rd Floor Manila City Hall, Arroceros, Manila</p> |

.....**Las Piñas City**.....

- | | |
|---|---|
| <p>38. HON. MAYOR IMELDA AGUILAR
 Alabang Zapote Road, Pamplona Tres
 Las Piñas City</p> | <p>39. HON. VICE MAYOR APRIL A. NERY
 Alabang Zapote Road, Pamplona Tres
 Las Piñas City</p> |
| | <p>40. LAS PIÑAS CITY COUNCIL
 Alabang Zapote Road, Pamplona Tres
 Las Piñas City</p> |

..... **Parañaque City**

- | | |
|---|---|
| <p>41. HONORABLE MAYOR EDWIN OLIVAREZ
San Antonio Valley 1
Parañaque City
884-2163 / 822</p> <p>42. HONORABLE VICE MAYOR ENRICO GOLEZ
San Antonio Valley 1
Parañaque City
8478-5477 / 0998975417</p> <p>43. PARAÑAQUE CITY COUNCIL
San Antonio Valley 1
Parañaque City</p> <p>44. Hon. Eric L. Alvarez
Brgy. Councilor
San Antonio Valley 1
Parañaque City
09292325149 / 8931-5001 loc. 7281</p> | <p>45. Hon. Joy S. Tambunting
Brgy. Councilor
San Antonio Valley 1
Parañaque City
8951-1936 / 8546-5851 to 52</p> <p>46. CITY PLANNING & DEVELOPMENT OFFICE
San Antonio Valley 1
Parañaque City</p> <p>47. CITY ENGINEER
San Antonio Valley 1
Parañaque City</p> <p>48. CITY TRAFFIC MANAGEMENT OFFICE
San Antonio Valley 1
Parañaque City</p> |
|---|---|

b) Government Agencies

49. MS. DONNA MAYOR- GORDOVE CESO IV

Manila Bay Coordinating Office
DENR Building, Visayas Avenue, Diliman, Quezon City, 1100, Metro Manila
Tel. No. 928-1225

50. MS. JACQUELINE A. CAANCAN, CESO V

OIC, Regional Executive Director
DENR-National Capital Region
Nursery Compound, North Avenue, Diliman, Quezon City
Tel No. 373-34-33

51. ATTY. DOMINGO M. CLEMENTE

Regional Director
DENR-EMB NCR
National Ecology Center Compound
East Avenue, Diliman, Quezon City
(02) 931-133

52. ENGR. ESPERANZA A, SAJUL

Chief, EIAMD
DENR -EMB Central Office
(8) 920-2240
eia@emb.gov.ph

53. MR. MELVIN B. NAVARRO

Regional Director
Department of Public Works and Highways (DPWH)
2nd Street, Port Area, Manila
(02) 304 3195

54. BERNADETTE ROMULO-PUYAT

Secretary
Department of Tourism
OIC, Regional Director, Department of Tourism-NCR
DOT Bldg., 351 Sen. Gil Puyat Avenue 12., Makati City
(632) 890-0694
sbrp@tourism.gov.ph

55. COMMODORE EDUARDO B. GONGONA

Director
BUREAU OF FISHERIES AND ACQUATIC RESOURCES (BFAR)
PCA Compound, Q. C. Elliptical Road, Diliman, Quezon City, 1101 Metro Manila
(929-8074, 929-9597)

56. DR. FRANCISCO DUQUE III

Secretary
DEPARTMENT OF HEALTH (DOH)
San Lazaro Compound, Tayuman, Sta. Cruz, Manila
651-7800
ffduque@ddh.gov.ph

57. MR. JAY DANIEL R. SANTIAGO

General Manager
PHILIPPINE PORTS AUTHORITY (PPA)
PPA Corporate Bldg. Bonifacio Drive, South Harbor, Port Area, Manila 1018, Philippines
527-4855 or 527-83-56 to 83
(0632) 7-954-8800

ogm@ppa.com.ph

- 58. BRIG. GEN. DANILO DELAPUZ LIM (Ret)**
Chairman
Metro Manila Development Authority (MMDA)
MMDA Bldg., EDSA cor. Orense St., Guadalupe, Makati City
Directline (632) 882-0854; 882-0893
- 59. USEC. JOSE ARTURO S. GARCIA JR.**
General Manager
Metropolitan Manila Development Authority (MMDA)
Edsa cor. Orense St., Guadalupe, Nuevo, Makati City
882-0916
882-4151 to 77 loc. 1056
- 60. ADM JOEL S. GARCIA PCG, Ph.D.,**
Commandant, Commandant for Administration
PHILIPPINE COAST GUARD (PCG)
139 25TH St. South Harbor,
Port Area, 1018 Manila
- 61. ATTY. JANILO E. RUBIATO**
General Manager and Chief Executive
Philippine Reclamation Authority (PRA)
7th Floor, Legaspi Towers 200 Bldg, 107
Paseo de Roxas Street, Legaspi Village
02-817-4711
(632) 8494-5000
- 62. VICE ADMIRAL ROBERT EMPEDRAD, AFP**
Flag Officer in Command (FOIC)
Philippine Navy
Naval Station Jose V Andrada
#2335 Roxas Boulevard, Manila
PLDT Line: +632-524-20-61 to 69
- 63. MR. STEPHEN ADRIAN ROSS**
Executive Director
Partnership in Environmental Management for the Seas of East Asia (PEMSEA)
DENR Compound, Diliman Quezon City
+63 29292992
- 64. RICARDO L. CALDERON**
OIC Assistant Secretary of Climate Change and Director (in concurrent capacity)
Biodiversity Management Bureau (BMB)
Department of Environment and Natural Resources
Ninoy Aquino Parks and Wildlife Center,
Diliman, 2200 Quezon City
Philippines
+632-297-4788
fmb_director@mozcom.com
- 65. CLIMATE CHANGE COMMISSION**
Bulwagan Ninoy
Ninoy Aquino Parks and Wildlife,
North Avenue, Quezon City
(632) 8353 8494
- 66. MR. JAIME "JOEY" MEDINA**
General Manager

Laguna Lake Development Authority (LLDA)

4/F Annex Bldg., Sugar Regulatory Administration (SRA) Compound
North Ave., Diliman, Quezon City
Phone 332-2346
(02) 8926 2611

67. ENGR. EMITERIO C. HERNANDEZ

Hydrologist

Laguna Lake Development Authority (LLDA)

4/F Annex Bldg., Sugar Regulatory Administration (SRA) Compound
North Ave., Diliman, Quezon City
Phone 376-4044

68. MR. ARSENIO J. LIZASO

President

Cultural Center of the Philippines

CCP Complex, Roxas Boulevard, Pasay City, Metro Manila, Philippines
Phone: Trunkline (632) 832-1125; Directline (632) 834-0468
864-1121
ccp@culturalcenter.gov.ph

69. DR. RENATO SOLIDUM

Philippine Institute of Volcanology and Seismology (PHIVOLCS)

PHIVOLCS Building, C.P. Garcia Avenue, U.P. Campus, Diliman
Quezon City, Philippines
(632) 8459-5200 to 5230 loc 100-102

70. MR. ERNESTO M. PERNIA

Director General

National Economic and Development Authority (NEDA)

No. 12 St. Jose Maria Escriva Drive,
Ortigas Center, Pasig City
EMpernia@neda.gov.ph
(632) 631-3716, (632) 631-3723

71. FERNANDO SIRINGAN, Ph.D.

National Academy of Science and Technology (NAST)

3rd Level Science Heritage Building,
DOST Complex Bicutan,
Taguig City
(02) 8838 7739

72. JEREMY R. BARNS, CESO III

DIRECTOR IV

NATIONAL MUSEUM OF THE PHILIPPINES

P.Burgos Drive, Rizal Park, Manila
02-527-1209
527-1215

73. DR. RENE R. ESCALANTE

Chairman

NATIONAL HISTORICAL COMMISSION OF THE PHILIPPINES (NHCP)

NHCP Building, T.M. Kalaw St., Manila, 1000
Tel No. +632.536.3181
+63 2 335 1288
nhcp.chair@gmail.com
records.nhcp@gmail.com
records@nhcp.gov.ph

74. Atty Myra Marie D. Villarica

Senate Secretary
SENATE OF THE PHILIPPINES
6TH Flr., Senate of the Philippines, Roxas Blvd.,
Pasay City
(632) 8-552-6601 TO 6670 loc. 6123 (25 to 29)
(632) 8-552-6676

75. Sec. Albert F. Del Rosario
DEPARTMENT OF FOREIGN AFFAIRS (DFA)
2330 Roxas Blvd. Pasay City

76. Ms. Paulina Suaco-Juan
Executive Director
Center for International Trade Expositions and Missions (CITEM)
Golden Shell Pavilion, Roxas Boulevard cor. 1300
Sen. Gil J. Puyat Ave, Pasay, 1300 Metro Manila
8-831-2382
psjuan@citem.com.ph

77. GREGORIO B. HONASAN II
Secretary
Department of Information and Communications Technology (DICT)
C.P Garcia Ave., Diliman Quezon City
(632) 552-6601 to local 70
pivo720@yahoo.com
gringobhonasan@gmail.com
5531 to 5533 / 5580

78. Sec. Alfonso G. Cusi
Secretary
Department of Energy
Taguig City, Philippines 1632
8840-2008
sec.alfonsocusi@gmail.com

79. CAPTAIN JIM C. SYDIONGCO
Director General, Department of Transportation
Civil Aviation Authority of the Philippines (CAAP)
Headquarters: NAIA Road, Pasay, Metro Manila
7944-2001

80. MR. JOSE ANGELITO M. PALMA
President, World Wildlife Fund
WWF-Philippines Headquarters
4th Floor JBD Plaza #65 Mindanao Avenue
Barangay Bagong Pag-asa, Quezon City
1105 Philippines

81. LILIANE REJANTE-MANAHAN
Chairperson
Heritage Conservation Society (HCS)
G/F Museo Pambata Building, Roxas Boulevard, Ermita Manila, Philippines
+63 34 399 3588

82. NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY (NAMRIA)
DENR-FMB Compound, Visayas Avenue,
Quezon City

83. NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY (NAMRIA)
Lawton Avenue, Fort Andres Bonifacio,

Taguig City
(632) 8810-4831 to 34
(632) 8241-3494

- 84. ROLANDO L. MACASAET**
Chairman and Acting President and General Manager
Government Services Insurance System (GSIS)
Financial Center
Pasay City, Metro Manila
8-859-03353

c) Interest Groups NGOs / Pos

- 85. The President**
Emma Homeowners Association Inc.
No.61 Emma St. Pasay City
- 86. The President**
Prime Movers Multi Purpose Cooperative
Rm. 426 4th F Pasay City Hall Pasay City
- 87. The President**
Pasay City Network for the Protection of Children
2442 Torres Bldg. Park Ave. Pasay City
- 88. The President**
Our Lady of Sorrows Outreach Foundation
2130 F.B. Harrison St. Pasay City
- 89. The President**
Peace and Order Force Multiplier
181 P. Santos St. Malibay Pasay City
- 90. The President**
Eduardo "DUAY" Calixto Foundation Inc.
167 San Juan St. Malibay Pasay City
- 91. The President**
Maricaban Market Vendors Association Inc.
Block 23 Snt. Peter St. Maricaban Pasay City
- 92. The President**
Sun Valley NAIA Stall Owner & Vendors Association Inc.
No.16 Sun Valley Drive NAIA, Pasay City
- 93. The President**
E.Cornejo Vitalez Residents Association Inc.
No.741 Vitales St. Malibay Pasay City
- 94. The President**
Geronimo Homeowners Association Inc.
282 M. Geronimo St. Malibay Pasay City
- 95. The President**
Family Touch Malibay Association Inc.
842 A I. Santos St. Malibay Pasay City
- 96. The President**
SPECS Foundation Inc.
53 Cementina St. Pasay City
- 97. The President**
SERRAS Center for Girls
162 Sinsiego St.F.B.Harrison St. Pasay City
- 98. The President**
Pangarap Foundation
2503 Taft Ave. cor. Escobal St. Pasay City

d) Household, Business activities, Industries

99. COMMODORE ILDEFONSO TRONQUED JR.

Manila Yacht Club

2351 Roxas Boulevard, Malate,
City of Manila, Metro Manila 1000
+63(2) 521 4458

100. THE PRESIDENT

OFFICE OF THE PHILIPPINE PLAZA HOLDINGS, INC.

Sofitel Manila

Philippine Plaza Holdings, Inc.
Room 155 Sofitel Phil. Plaza CCP Complex
Roxas, Boulevard, Pasay City
551-5625
551-5619

101. MR. WILSON TIENG

Manila Goldcoast Development Corporation

12th Floor, Solar Century Tower, Tordesillas cor. Dela Costa Sts., Makati City
813-7000

102. Mr. JEFFREY C. LIM

Director and President

SM Prime Holdings, Inc.

10th Floor, Mall of Asia Arena Annex Building, Coral Way, Pasay City

103. CITY OF DREAMS MANILA

Asean Avenue corner Roxas Boulevard,
Entertainment City, Parañaque 1701,
Manila, Philippines
(632) 800-8080

104. ANCHOR LAND HOLDINGS INC.

15TH Floor C.C. Locsin Bldg.
6752 Ayala Ave.
(02) 488-7988 loc. 203

105. HOTEL JEN MANILA

3001 Roxas Boulevard, Pasay City, Metro Manila
795-8888

106. Mr. Sergio R. Ortiz-Luis Jr.

President & CEO

Philippine Exporters Confederation, Inc. (PHILEXPORT)

Philippine Exporters Confederation, Inc. (PHILEXPORT) ITC Complex, Sen. Gil Puyat
Avenue, corner, 1308 Roxas Blvd, Pasay, Metro Manila

107. Ms. Ma. Flordeliza C. Leong

Assistant Vice President, Advocacy and Communications Department

Philippine Exporters Confederation, Inc. (PHILEXPORT)

Philippine Exporters Confederation, Inc. (PHILEXPORT) ITC Complex,

Sen. Gil Puyat Avenue, corner,
1308 Roxas Blvd, Pasay, Metro Manila
(02) 8230 5555

108. The President

Solaire Resort & Casino

Entertainment City, 1 Aseana Ave.
Paranaque, 1701 Metro Manila

109. The President

Okada Manila

New Seaside Drive, Entertainment City

Paranaque City, 1701 Metro Manila Philippines

110. The President

ADVENTIST DEVELOPMENT AND RELIEF AGENCY (ADRA) FOUNDATION

North Philippine Union Conference, San Juan corner Donada Streets, Pasay City

111. The President

INTERNATIONAL BAZAAR FOUNDATION, INC.

6/F DFA Building

Roxas Boulevard, Pasay City

112. The President

OBLATE SISTERS OF THE MOST HOLY REDEEMER, INCORPORATED – SERRA’S CENTER FOR GIRLS

Main Office Address

#9 St. Jude Street, Multinational Village, Parañaque City

Facility Address

#162 Sinciego Street, F.B. Harrison, Pasay City

113. COCONUT PALACE

Cultural Center of the Philippine Complex

Roxas Boulevard, Manila

114. ARCHITECT FELINO “JUN” PALAFOX, JR.

Palafox & Associates

5/f PCCI Corporate Center, 118 L.P. Leviste Street,

Salcedo Village, Makati city 1227, Philippines

115. Office of the President

De La Salle University

14th Floor, Henry Sy, Senior Hall

De La Salle University,

2401 Taft Avenue,

1004 Manila

Tel. 524-1611 loc. 802

116. Office of the President

De La Salle College of St. Benilde

2544 Taft Avenue, Malate Manila

Tel. 230-5100 loc 1801 to 1803

117. PRESIDENT

Tanghalang Francisco Balagtas

F. Ma. Guerrero St., Pasay Metro Manila

118. PRESIDENT

Gloria Maris Shark’s Fin Restaurant

CCP Complex, Roxas Blvd. Pasay, 1300 Metro Manila

02-831-3816

119. PRESIDENT

Sky Garden by the Bay Restaurant

Brgy. 719 Zone 78 Trellis 2 Asean Promenade Pedro Bukaneg St.

CCP Complex Metro Manila

0917-639-3821

120. PRESIDENT

Star City

Vicente Sotto St. CCP Complex, Pasay Metro Manila

02-832-3249

121. PRESIDENT

Upside Down Museum

Boom na Boom Grounds CCP Complex, Roxas Blvd. 1300 Metro Manila

02-834-8997

- 122. PRESIDENT**
Seascape Village
Atang Dela Rama, Pasay, Metro Manila
0917 807-6171
- 123. PRESIDENT**
Manila Film Center
Cultural Center of the Philippines, Roxas Blvd. Pasay City 1300
02-834-8870
- 124. PRESIDENT**
HK Sun Plaza
Diosdado Macapagal Blvd. Pasay Metro Manila
0917 000-0000
- 125. PRESIDENT**
Senate Fire Sub-Station
Jose Diokno Boulevard, Pasay, Metro Manila
02-552-6601 loc. 1999
- 126. PRESIDENT**
Hobbies of Asia
Diosdado Macapagal Avenue Pasay, Metro Manila
02-556-2007
- 127. PRESIDENT**
Hyundai Manila Bay
Diosdado Macapagal Avenue, Pasay City, 1307 Metro Manila
02-556-1493
- 128. PRESIDENT**
Philippine National Bank – Financial Center
Pasay, Kalakhang Maynila
02-573-88888
- 129. PRESIDENT**
Philippine Trade Training Center
Cor. Sen J. Gil J. Puyat Ave, Pasay Metro Manila
02-263-2878
- 130. PRESIDENT**
Seaside Restaurant
105, Roxas Boulevard, Diosdado Macapagal Boulevard, Pasay, 4115 Metro Manila
(02) 843 4545
- 131. PRESIDENT**
Harbor Square
CCP Complex, Roxas Blvd.
PICC Reclamation Area, Pasay City
- 132. PRESIDENT**
World Trade Center Metro Manila
2/F WTCMM Building, Gil Puyat Avenue Extension corner Diosdado Macapagal Blvd.,
Pasay City, Metro Manila 1300
02-902-0000

e) Local Institutions (schools, churches, hospital)

- 133. ARCHBISHOP LUIS ANTONIO G. TAGLE**
The Archdiocese of Manila
121 Arzobispo St, Intramuros, Manila, Metro Manila
527-3962
- 134. REV. FR. BENITO TUAZON**
Ministry on Ecology and Commission on Social Services and Development
The Roman Catholic Archdiocese of Manila
- 135. Caritas Manila Compound**
2002 Jesus St., Pandacan, Manila
- 136. SCHOOL DIVISION SUPERINTENDENT**
Divisions of City Schools, Pasay
Zamora St., Pasay City

f) Others:

- 137. CENTER FOR ENVIRONMENTAL CONCERNS**
No. 26 Matulungin Street, Barangay Central,
Diliman, Quezon City, 1100 Philippines
- 138. PASAY BOAT OPERATORS**
Libertad Channel
Pasay City
- 139. THE UNITED ARCHITECTS OF THE PHILIPPINES**
UAP Building, 53 Scout Rallos Street, Barangay Laging Handa
Diliman 1103 Quezon City, Philippines
Phone (+632) 4126403; 4126364; 4123311; 4120051; 4126394
- 140. SAVE MANILA BAY PHILIPPINES**
<https://www.facebook.com/savemanilabay>
- 141. SAVE OUR SUNSET (SOS) MANILA BAY PHILIPPINES**
<https://www.facebook.com/savemanilabay>

g) with possible interest in LPPCHEA

- 142. SOCIETY FOR THE CONSERVATION OF PHILIPPINES WETLANDS, INC.**
Unit 208 Grand Emerald Tower, F. Ortigas Ave. corner Garnet St., Ortigas Center, Pasig City,
Philippines 1605 T/F: +63 2 637 2409
- 143. VILLAR SIPAG**
C5 Extension Road, Pulanglupa Uno
Las Piñas City, Philippines 1740
Tel. No. (632) 551-1871
villar_sipag@yahoo.com.ph
- 144. SENATOR CYNTHIA A. VILLAR**
Senate Office: Rm. 503 GSIS Bldg., Financial Center, Diokno Blvd., Pasay City
Direct Line: (632) 552-6715
Email: sencynthiavillar@gmail.com
- 145. BULUNGAN SEAFOOD MARKET**
Coastal Road, Paranaque City, Metro Manila

ANNEX C DRAFT PUBLIC SCOPING PRESENTATION

PUBLIC SCOPING

FOR THE


PROPOSED 260 HECTARE PASAY CITY RECLAMATION PROJECT

Pasay City Government

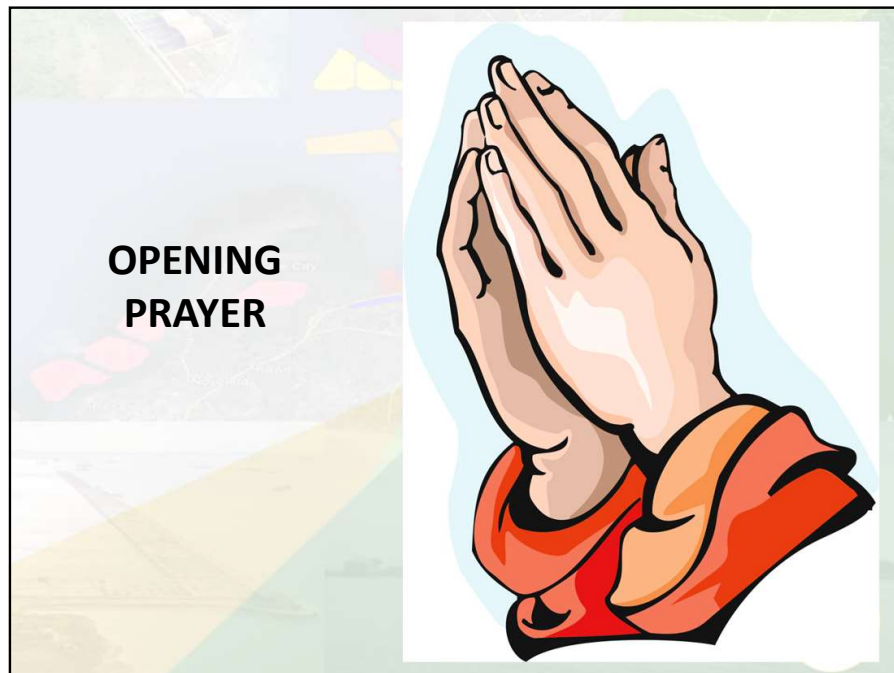
Within the waters of Manila Bay in the Territorial Jurisdiction of Pasay City

Date: October 28, 2020

Via : Zoom at 10:30 am



PUBLIC SCOPING THE PROPOSED <u>260 Hectares Pasay City Reclamation Project</u> <small>October 28, 2020 * 9:00 am *XXX</small> P R O G R A M	
8:30-9:00 AM	Registration
9:00-9:10	Invocation and National Anthem
9:10-9:20	Welcome Remarks
9:20-9:30	Introduction and Acknowledgement of Participants
9:30-9:40	Brief Overview of the EIS System: Objectives and Mechanics of the Public Scoping under DAO 2003-30 as amended
9:40-10:10	Brief Presentation of the Project A. Presentation of Project B. Presentation of the Initial/Predicted Environmental Impacts and Mitigation Measures
10:10-10:25	SNACKS/BREAKTIME
10:25 - Onwards	Open Forum
	Synthesis and Next Steps
	Closing Remarks





Brief Overview of the EIS System:

Objectives and Mechanics of the Public Scoping under DAO 2003-30 as amended

MC15794 INTERIM GUIDELINES ON PUBLIC PARTICIPATION

In lieu of public consultation/hearing as provided in DAO 2017-15, the proponent is allowed to conduct consultations with the projects' major stakeholders through videoconferencing (sectoral) or through other similar digital technology.

PUBLIC SCOPING

FOR THE

PROPOSED 260 HECTARE PASAY CITY RECLAMATION PROJECT

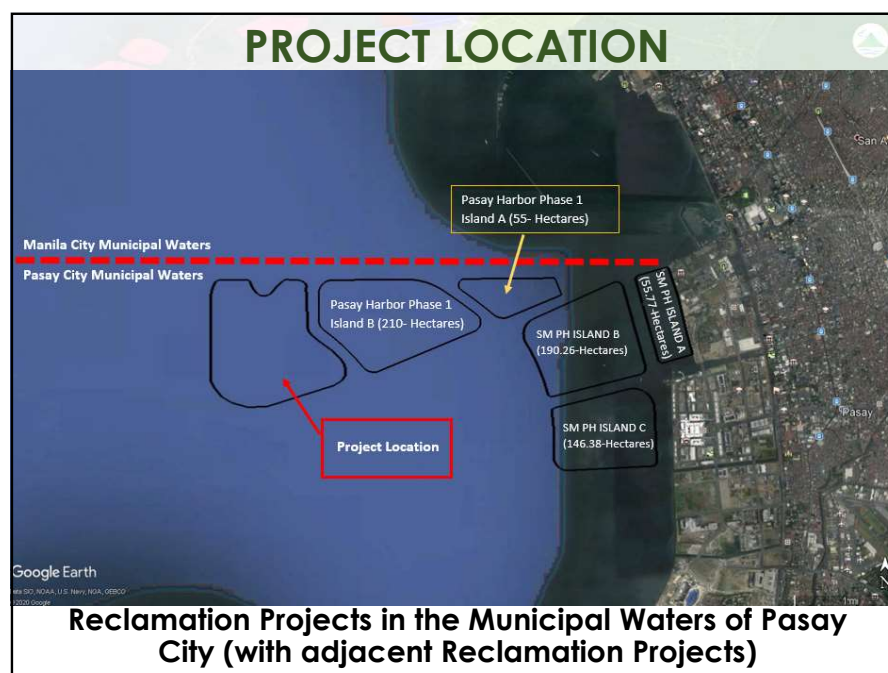
Pasay City Government

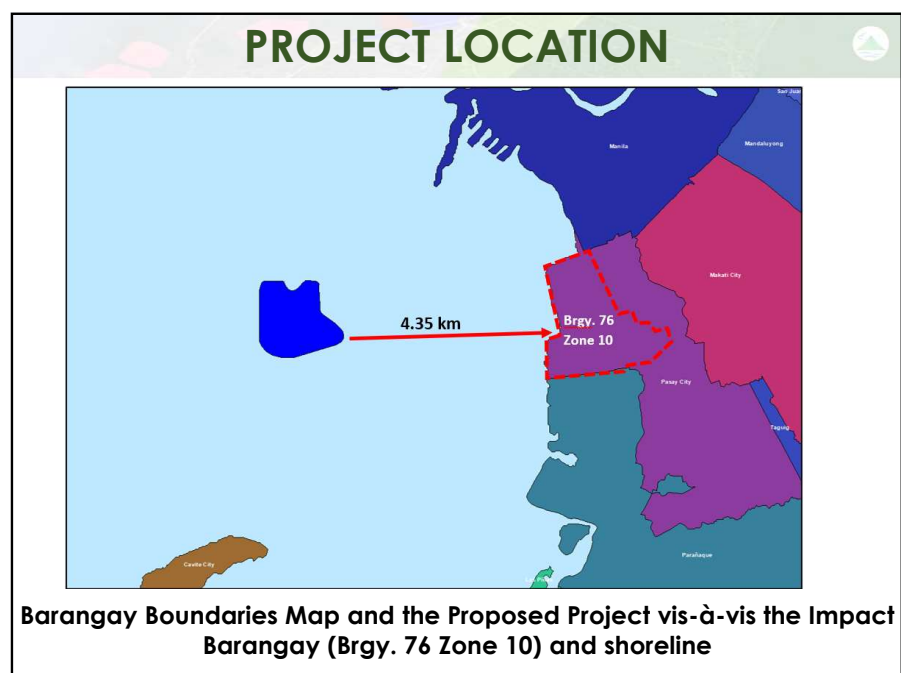
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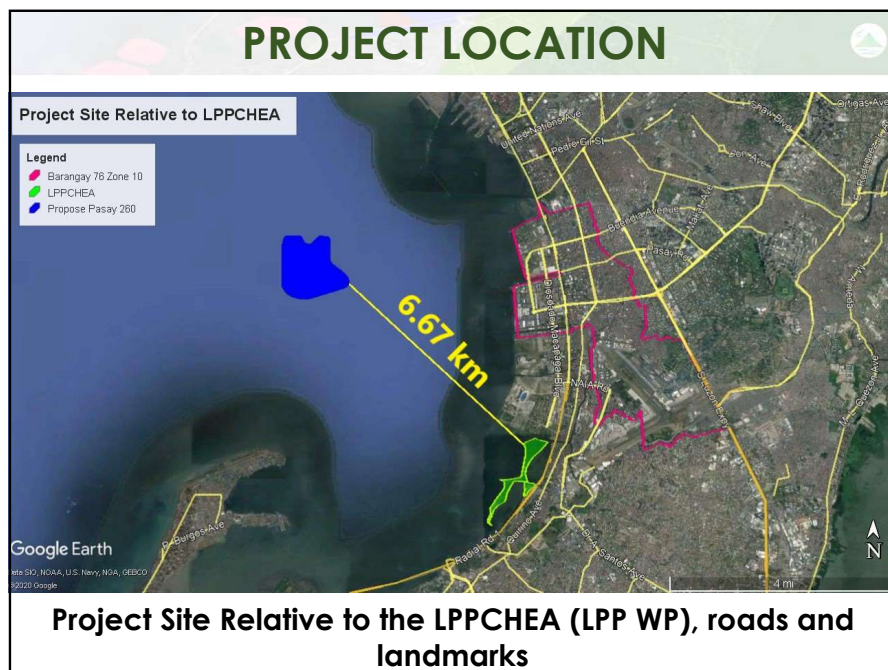
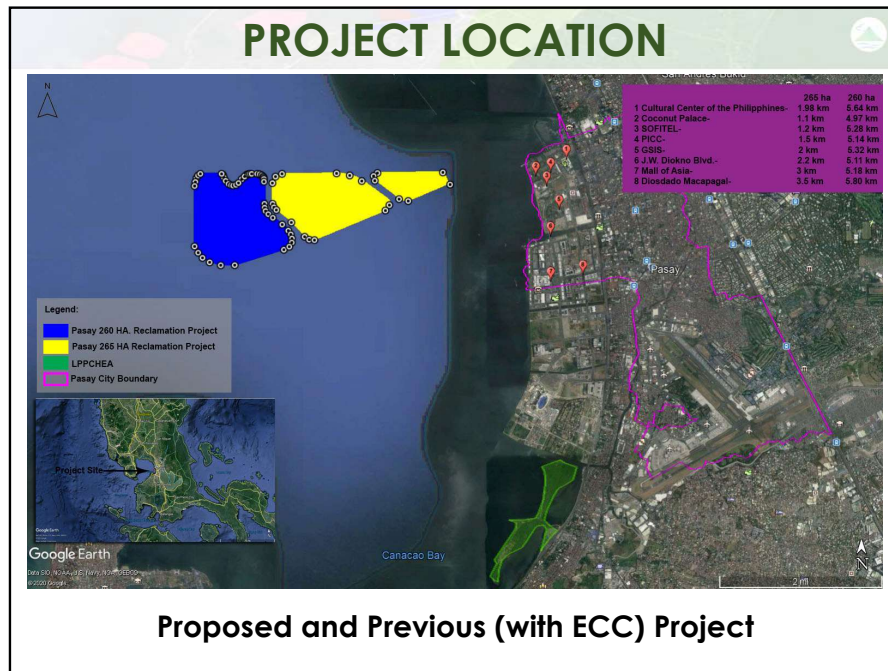
BASIC PROJECT INFORMATION	
ITEM	PROJECT INFORMATION
Name of Project:	Proposed 260 Hectare Pasay City Reclamation Project
Project Location:	Within the Waters of Manila Bay in the Territorial Jurisdiction of the City of Pasay
Project Category per EMB Memorandum Circular 2014-005	Category A: Environmentally Critical Project (ECP) Major Reclamation Project \geq 50 hectares
Project Classification per EMB Memorandum Circular 2014-005	3.3 Reclamation and other land restoration project

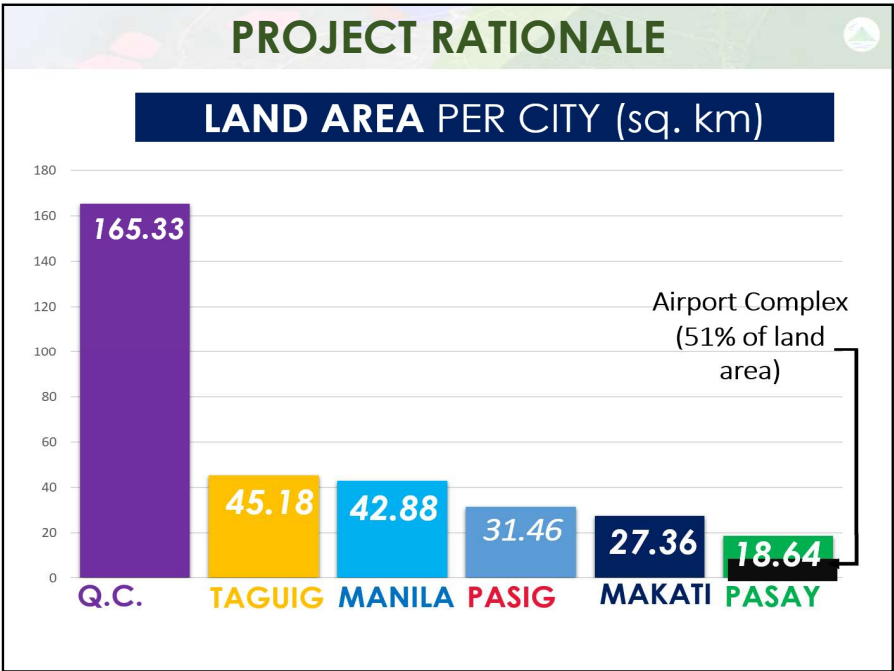
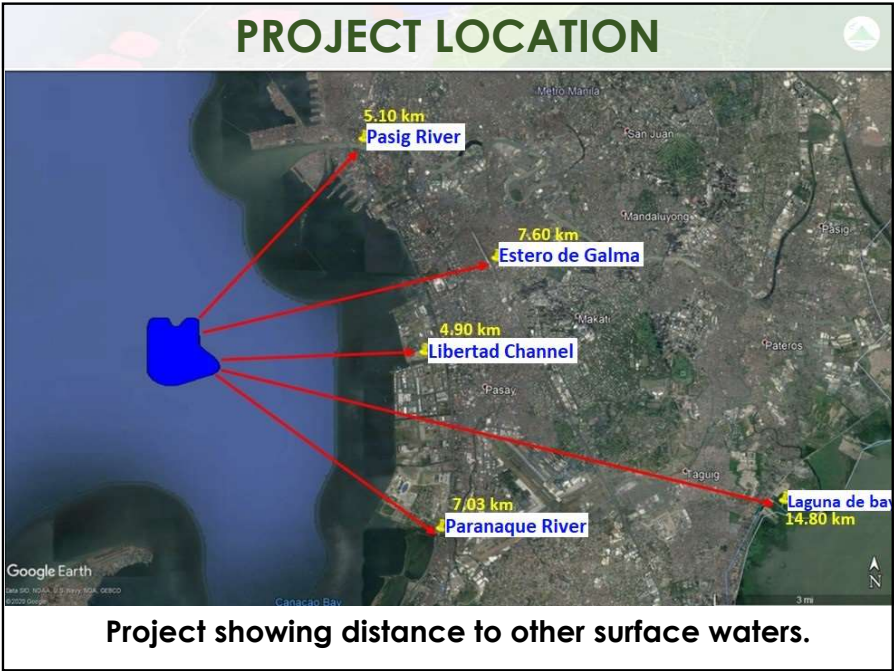
BASIC PROJECT INFORMATION	
ITEM	PROJECT INFORMATION
Size/Scale	260 Hectares more or less
Project Cost	PhP 72 Billion
Project Timeline	Within approximately five (5) years
ECC Status	Being applied for

PROJECT PROPONENT/EIA PREPARER	
ITEM	PROJECT INFORMATION
Project Proponent:	City Government of Pasay
Telephone Number:	(02) 833-3729
Proponent Address:	Pasay City Hall F.B. Harrison, Pasay City
EIA Preparer:	Technotrix Integrated Services Corp.
Telephone Number:	(02) 7373-1456







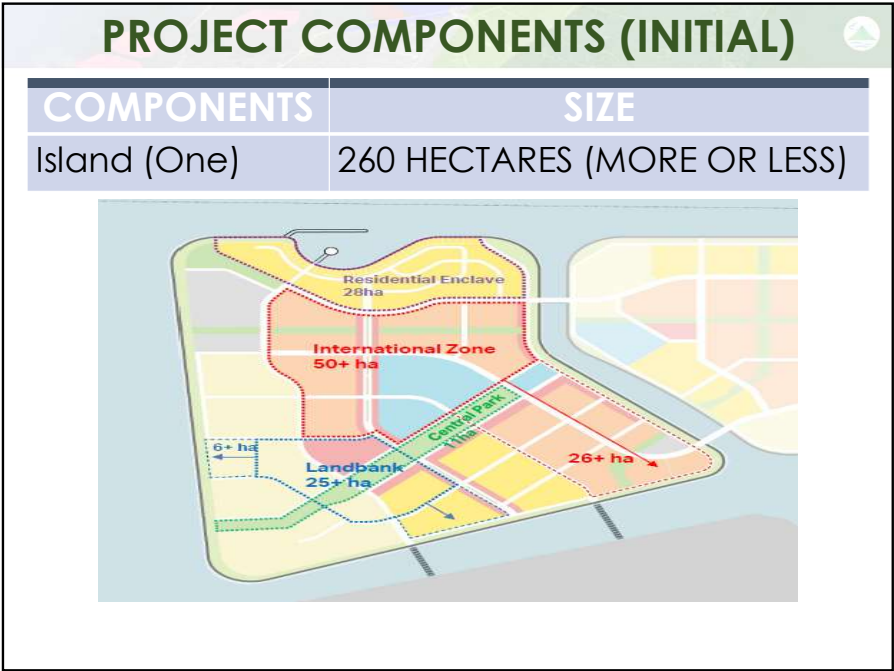


PROJECT RATIONALE

- ✓ No informal settlers and fisherfolk will be affected based on minimum or nil negative impacts
- ✓ Outside of any watershed, sanctuaries, or protected areas
- ✓ No corals, mangroves, or marine life in the project site
- ✓ Strategic location (Airport)
- ✓ Fast emerging CBD with rising demand for commercial and residential properties
- ✓ Increasing land values in the MOA area
- ✓ **Private Sector Funded, Zero Cost to the Government**
- ✓ **Employment Opportunity**
- ✓ Higher local taxes to fund City Social Services (schools, hospitals, Senior Citizen, Brgy. Health Center)

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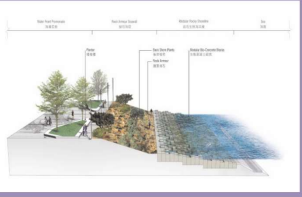


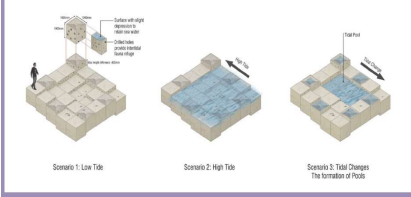
<div> <div>PROPOSED LAND USE ALLOCATION</div> <div>PRELIMINARY</div> </div>		
Land Use	Area (Hectares)	Percentage to Total
Mixed-Use Commercial Development	47.76	18.37
Office and other Industry Development	44.40	17.08
Mixed-Use Residential Development	48.93	18.82
Port Facility	40.90	15.73
Parks and Open Spaces	78.00	30.00
Total	260.00	100.00

<div> <div>PROPOSED LAND USE ALLOCATION</div> <div>PRELIMINARY</div> </div>		
Pasay City Share (Inclusive of the share of the National Government which the PRA may require)	39 hectares	15%
Roads, Public Parks and Open Spaces	78 hectares	30%
Total Government Share	117 hectares	45%
Project Developer (Pasay Harbor City Consortium)	143 hectares	55%
Total	260 hectares	100%

PROJECT COMPONENTS (INITIAL)

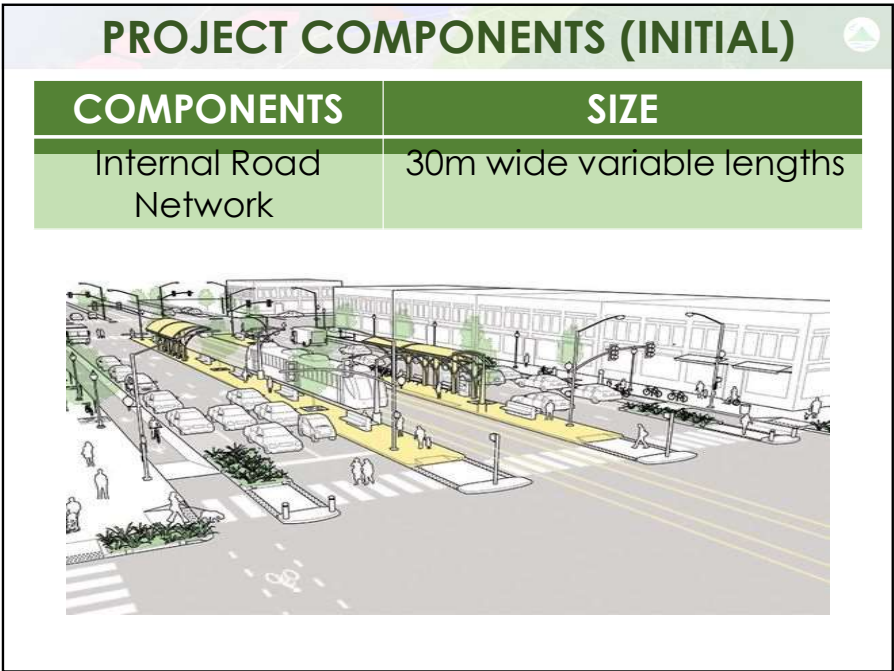
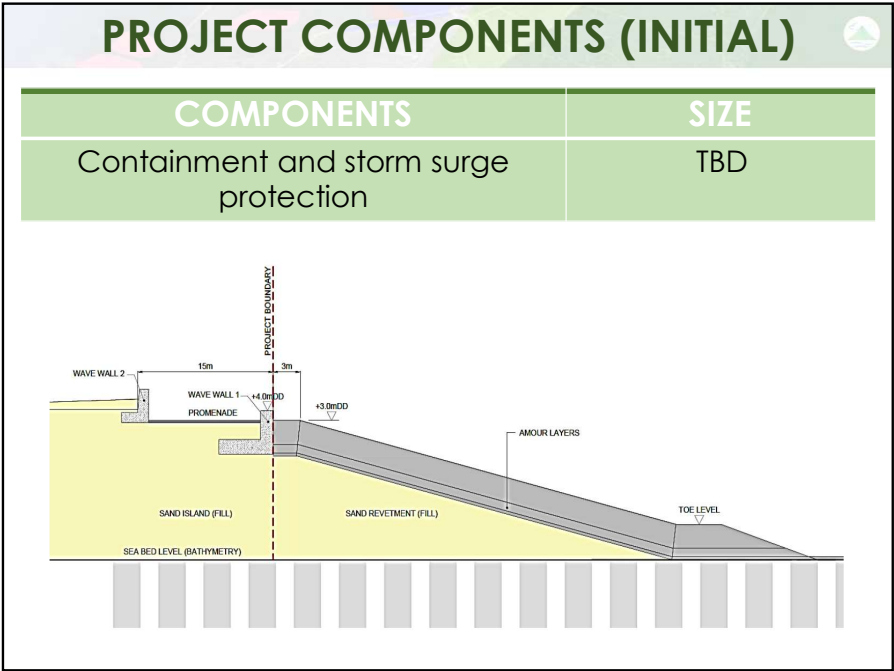
COMPONENTS	SIZE
Containment Structure	TBD

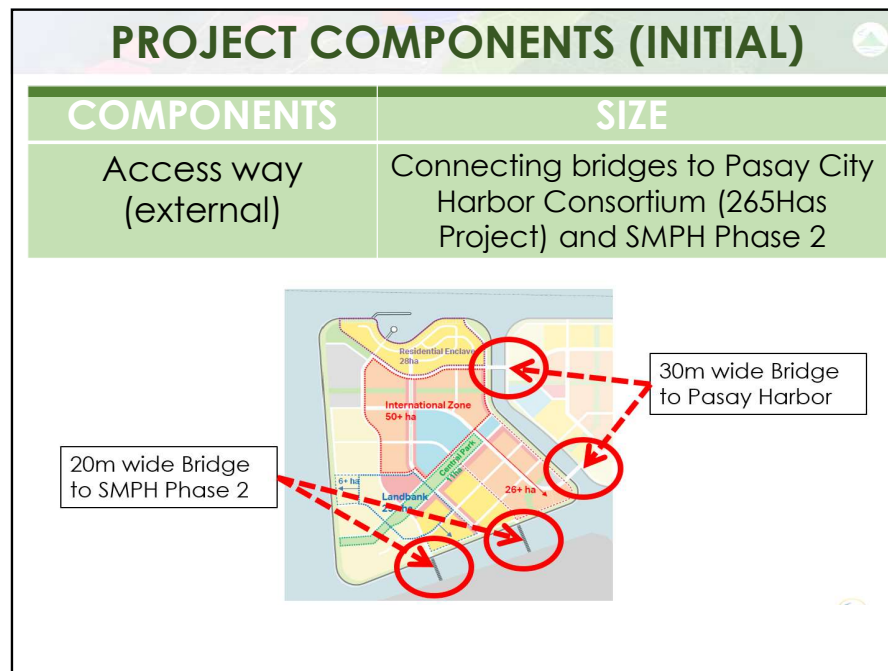






STATUS OF PROJECTS

- **CONTINUING ENGINEERING STUDIES**
- **COMPLIANCES TO DAO 2017-17**
- **AREA CLEARANCE PROCESS ONGOING**
- **SECURING OF LONOs**
- **CONTINUING PUBLIC CONSULTATIONS AND IEC**





PROJECT COMPONENTS	
COMPONENTS	SIZE
Drainage Engineered system compliant to building codes	TBD
Waste Water Treatment Systems	PER DESIGN OF VESSEL
Construction Phase: OWS/Bilge System in Vessels	

PROJECT ALTERNATIVES

Rationale for selection of Landform Configuration and the number of Islands

ENVIRONMENTAL ASPECTS :

- TERRITORIAL JURISDICTION
- ECA'S
- BATHYMETRY
- MARINE RESOURCES
- PUBLIC PERSPECTIVES
- PROXIMITY TO FILL SOURCE
- WATER CIRCULATION
- HARMONY W EXISTING 265-HA. PROJECT

PROJECT ALTERNATIVES		
METHODOLOGY		
ACTIVITY	ALTERNATIVE	ENVIRONMENTAL ASPECTS
Dredging	depends on who Reclamation Contractor is - own vessel type and set of equipment	Potential impact on marine life, water quality
Filling method (by TSHD)	Direct discharge	less siltation
	Indirect discharge (thru rehandling pit)	more dredging
	Rainbowing	wider impact area

PROJECT ALTERNATIVES

METHODOLOGY



Containment structure:

- dictated by geotechnical characteristics
 - Rocks – essentially no siltation
 - Steel piles – essentially no siltation

PROJECT ALTERNATIVES

RAW MATERIALS



OPTION 1: SAN NICHOLAS SHOAL

- Since materials also coming from Manila Bay characteristics relatively similar to the seabed at project site, minimizing introduction of foreign materials.
- Closest to project site

PROJECT ALTERNATIVES

RAW MATERIALS



OPTION 2: "Lahar" from Mt. Pinatubo

- Suitability with respect to quality still to be evaluated
- Transport considerations.
- Cost considerations.

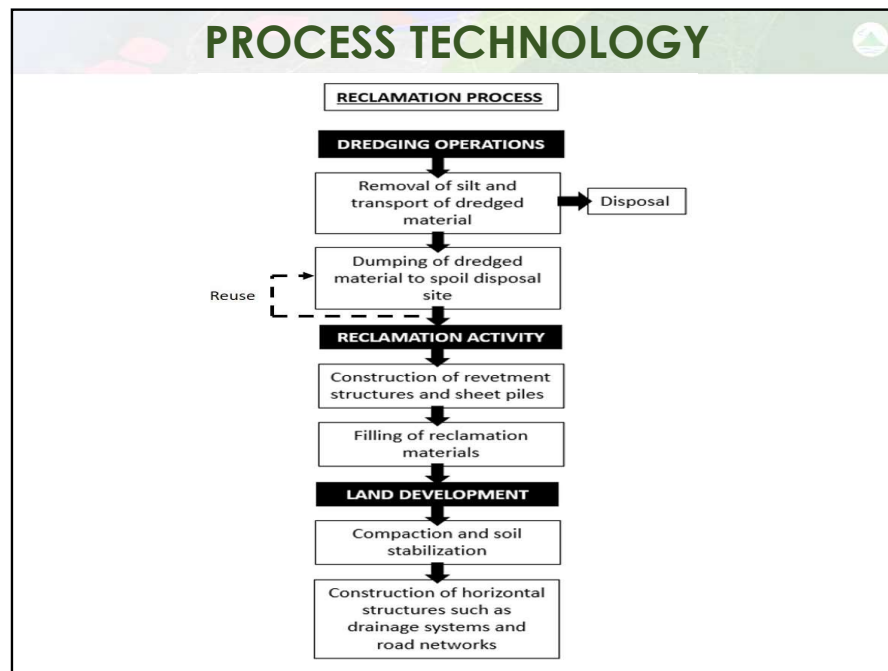
OTHERS:

- e.g. Dredging of river in Pampanga.
- To be evaluated

PROCESS TECHNOLOGY



- ✓ **Transport of the Dredging Vessel To/From Source of Fill Materials**
- ✓ **Filling with suitable materials to the finished platform elevation.**



PROCESS TECHNOLOGY

✓ Dredging at the Reclamation Site to remove unwanted seabed materials and prepare it for filling.



Adopt latest technology to re-use most of dredged materials in the reclamation.

PROCESS TECHNOLOGY



Management of silt dispersal



ILLUSTRATION ONLY

PROCESS TECHNOLOGY



Placement of fills at the reclamation site(s)



ILLUSTRATION ONLY

PROCESS TECHNOLOGY



Dredging at source of fills and transport to site
by TSHD



ILLUSTRATION ONLY

PROCESS TECHNOLOGY



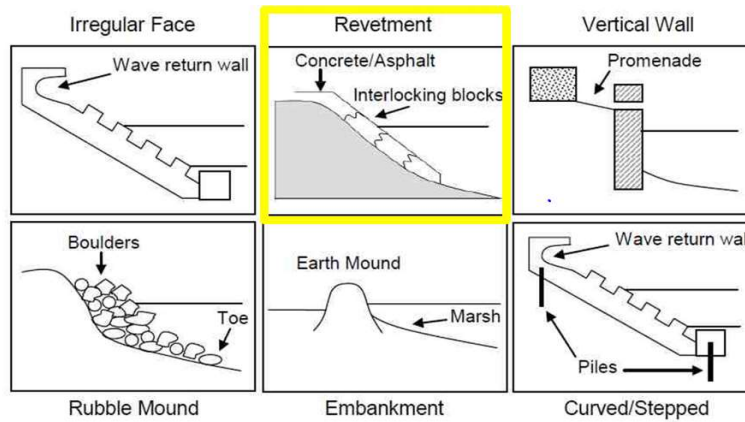
Filling of reclamation
materials



ILLUSTRATION ONLY

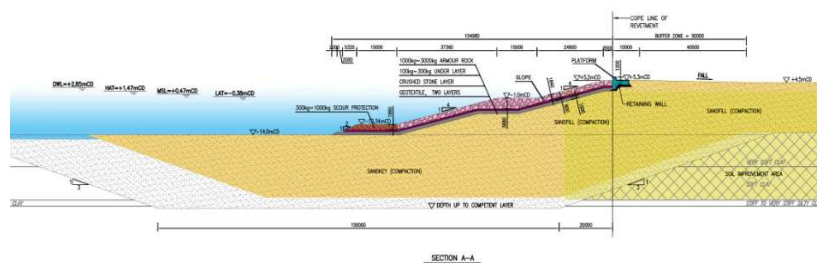
PROCESS TECHNOLOGY

✓ Containment Structures



PROCESS TECHNOLOGY

Containment Structures

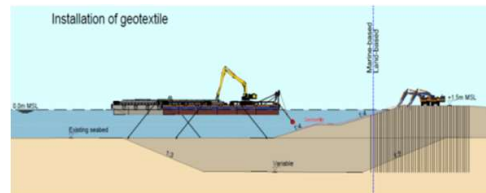


PROCESS TECHNOLOGY

Compaction and Soil Stabilization



INSTALLATION OF GEOTEXTILE MEMBRANES



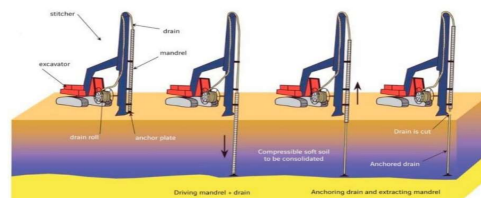
PROCESS TECHNOLOGY

Compaction and Soil Stabilization



VIBRO COMPACTION

Installation of Pre-fabricated Vertical Drains



MANAGING ENVIRONMENTAL ISSUES

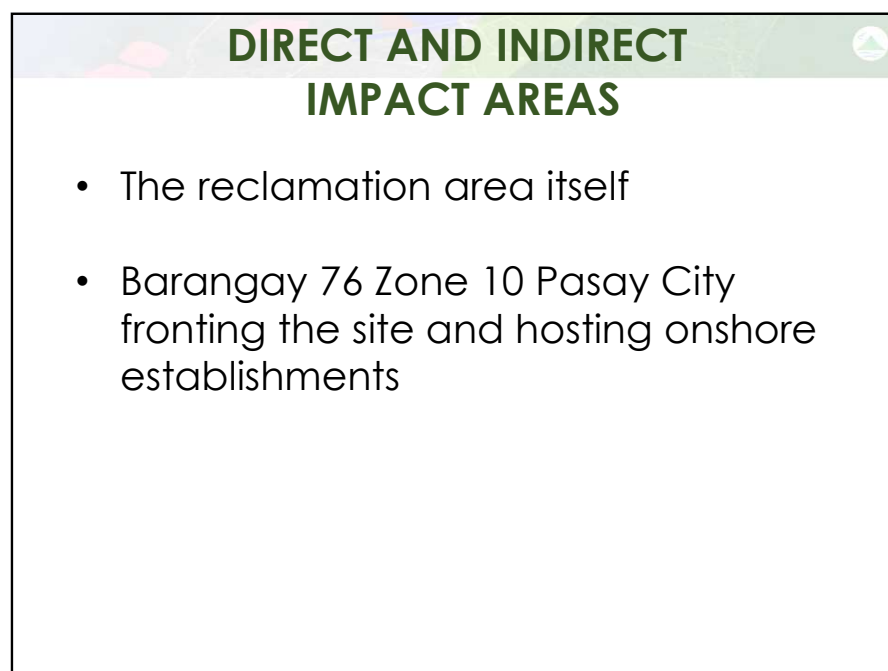
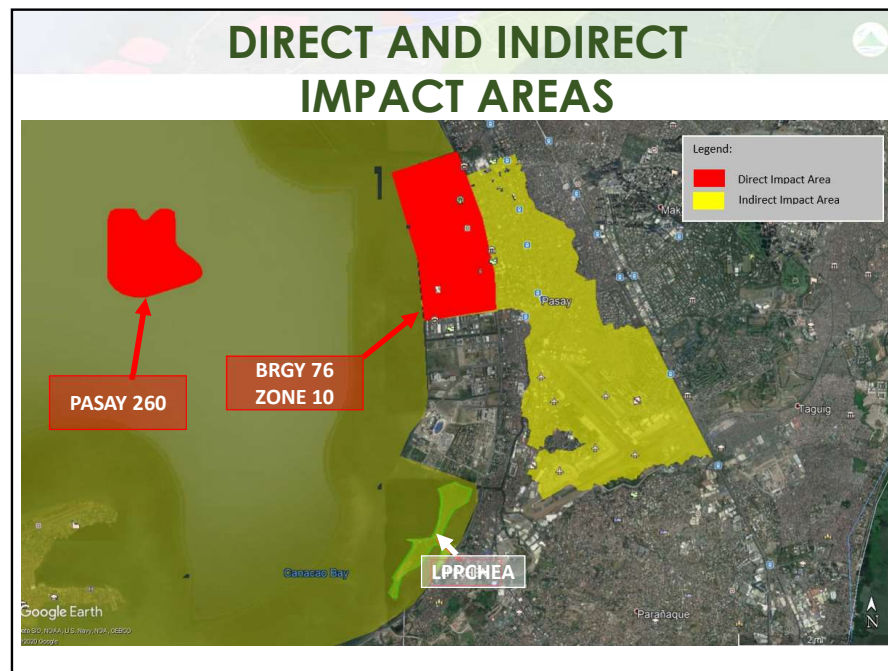
IMPACTS AND MITIGATION BASED ON (WORST CASE SCENARIO)

- ✓ **LAND**
- ✓ **WATER**
- ✓ **AIR**
- ✓ **PEOPLE AND PUBLIC HEALTH**



PRE-EIA IMPACT AREAS





DIRECT AND INDIRECT IMPACT AREAS

- Pasay City
- Surrounding waters
- LPP WP

Adjacent Reclamation Projects

- Pasay Harbor 265-hectares

CONSTRUCTION/RECLAMATION PHASE:

LAND

Potential Impact	Options for Prevention or Mitigation* or Enhancement
Solid Waste Generation	<ul style="list-style-type: none"> • Domestic garbage from crews segregated and collected onboard ship and disposed onshore per RA 9003. No garbage disposal to Manila Bay. • Inventory (volume) of solid wastes to be recorded

CONSTRUCTION/RECLAMATION PHASE:**LAND**


POTENTIAL IMPACT	MITIGATING MEASURES
Perception of flooding onshore as a result of reclamation	Circulation /Oceanography Studies to be conducted
	City drainage system not disturbed

CONSTRUCTION/RECLAMATION PHASE:**LAND**

POTENTIAL IMPACT	MITIGATING MEASURES
Storm surges/waves and flooding on land	Reclamation Platform itself with wave deflector gives sheltering effect
Subsidence	In Metro Manila, caused by underground water extraction, which will not be undertaken.

CONSTRUCTION/RECLAMATION PHASE:

LAND

POTENTIAL IMPACT	MITIGATING MEASURES
<p>Protected Area</p> <p>LPPCHEA</p> 	<p>Project site not in protected area</p> <p>Distant: 6.67 km away from LPPCHEA</p>
Ground shaking and liquefaction	Structural and engineering design intervention

CONSTRUCTION/RECLAMATION PHASE:

WATER

POTENTIAL IMPACT	MITIGATING MEASURES
Disturbance of marine species/damage to or impairment of economically significant marine life.	silt curtains, dredging methodology
Fisheries and mariculture	silt curtains, dredging methodology

CONSTRUCTION/RECLAMATION PHASE:

WATER

WATER-MARINE ECOLOGY

- The bottom of Manila Bay consists of mud, sediments and garbage
- The water in the reclamation area is vague because there is a lot of mixed sediment
- because of this there are no coral reefs and seagrass which are the
- There are stray fish, one of which is Tamban, used to make sardines and sold as dried fish and some mussels in the breakwater which were small and may be poisonous due to consumption of microplastics.
- There is no mangrove on site. It's in Paranaque.

CONSTRUCTION/RECLAMATION PHASE:

WATER



CONSTRUCTION/RECLAMATION PHASE:

WATER

POTENTIAL IMPACT	MITIGATING MEASURES
Silt dispersal/turbidity increase due to seabed disturbance	Silt curtains and screens, etc.
	Phasing of construction schedule

WATER CIRCULATION AND CURRENTS IMPACTS BY DESIGN OF ISLAND

CONSTRUCTION/RECLAMATION PHASE:

WATER

POTENTIAL IMPACT	MITIGATING MEASURES
Contamination from filling materials	Filling materials from Manila Bay Pre Screening
Water contamination, e.g. oil leaks, domestic wastes from construction workers	Onboard vessel oil containment and recovery equipment e.g. Bilge Water System Own temporary toilet facilities, Disposal on land by 3 rd party



CONSTRUCTION/RECLAMATION PHASE:

WATER

POTENTIAL IMPACT	MITIGATING MEASURES
Siltation from disposal of unwanted dredged materials	Approved disposal methodology and site
Competition in water usage	Arrangement with concessionaires
	No underground abstraction

CONSTRUCTION/RECLAMATION PHASE:

AIR

POTENTIAL IMPACT	MITIGATING MEASURES
DEGRADATION OF AMBIENT AIR QUALITY	MARPOL /Clean Air Act Standards
NOISE GENERATION	DISTANT FROM POPULATION CENTERS

CONSTRUCTION/RECLAMATION PHASE:

PEOPLE

POTENTIAL IMPACT	MITIGATING MEASURES
Disruption of lifestyle and cultural values	Implementation of SDP
Threat to employment and livelihood	Prioritization of qualified local residents

PERCEPTION SURVEY RESULT





ATTENDANCE SHEET DURING IEC

Attendance

Activity: Information, Education and Communication (IEC) for the Proposed Pasay City 260 Hectare Reclamation Project

Date and Venue: 07 February 2020 Cuneta Astrodome, Decken St., corner Roxas Boulevard Pasay City

No.	Name	Office/Designation	Contact No.	E-mail address	Signature
1	Emmanuel B. Lopez	City Planning Division	0917075000	emmanuel.lopez@city.gov.ph	
2	Marcelo P. Aragon	File. Sec.	0917075000	marcelo.p.aragon@city.gov.ph	
3	Emmanuel S. Pineda	PCAD	0917075000	emmanuel.s.pineda@city.gov.ph	
4	Technotrix Integrated Services Corp.	City/Department	0917075000	technotrix@city.gov.ph	
5	Yvonne S. Llaneta	OPD/SPDC	0917075000	yvonne.s.llaneta@city.gov.ph	
6	Carolina M. Blasquez	CEO/Department	0917075000	carolina.m.blasquez@city.gov.ph	
7	Enzo M. Lopez	City/Department	0917075000	enzo.m.lopez@city.gov.ph	
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5	Yvonne S. Llaneta	OPD/SPDC	0917075000	yvonne.s.llaneta@city.gov.ph	
6	Carolina M. Blasquez	CEO/Department	0917075000	carolina.m.blasquez@city.gov.ph	
7	Enzo M. Lopez	City/Department	0917075000	enzo.m.lopez@city.gov.ph	
8	Reginald Lopez	City/Department	0917075000	reginald.lopez@city.gov.ph	
9	Enzo M. Lopez	City/Department	0917075000	enzo.m.lopez@city.gov.ph	
10	Enzo M. Lopez	City/Department	0917075000	enzo.m.lopez@city.gov.ph	

Knowledge about the Project	Barangay 76 Zone 10	
	No. of HH surveyed	Percentage
Yes	12	42.86
No	14	50
No Answer	2	7.14
Total	28	100

Source of Information	Barangay 76 Zone 10	
	No. of HH surveyed	Percentage
Neighbor	0	0
Barangay	11	39.29
IEC by Proponent	0	0
Media	2	7.14
Others	3	10.71
No Answer	12	42.86
Total	28	100

Perceived Positive and Negative Impacts of the Proposed Project

The respondent's perceived benefits from the proposed projects are:

- ✓ Livelihood and business opportunities
- ✓ Improvement of government services
- ✓ Improvement of roads and other infrastructure
- ✓ Land Taxes
- ✓ Improvement of Water Services

Perceived Positive and Negative Impacts of the Proposed Project


On the other hand, the perceived negative effects of the projects to the community are:


- ✓ Air, water and land pollution
- ✓ Health and safety hazard
- ✓ Increase traffic
- ✓ Flooding
- ✓ Generation of wastes
- ✓ Loss of plants, trees and other infrastructures


SUMMARY MATRIX OF ISSUES AND CONCERNS







ISSUES AND CONCERN DURING IEC 		
NAME/AFFILIATION	ISSUES/CONCERNS	RESPONSE
Catherine Agustin Chief TOO – DOT NCR	With the existing Manila Bay Task Force committee which several national govt' agencies are members, suggests to the proponent or the preparer to coordinate with several gov't agencies who are member of task force to get in touch or get a clearance with regards to the proposed projects.	Jean Ravelo: Noted po ma'am Kasama po talaga si Manila Bay Task Force sa mga iniinbita ni preparer para dumalo sa technical review atsa mga ibang gov't agencies sila po ay hihingian ng permit by way of LONO at kasama din po si DOT sa mga ito.
Councilor Ricardo Santos City Councilor	"Im just hoping to start this project as soon as possible while I'm still alive so that I can witness the success of this project."	Jean Ravelo: Noted po.

ISSUES AND CONCERN DURING IEC 		
NAME/AFFILIATION	ISSUES/CONCERNS	RESPONSE
Bernie A. Eroles National Museum of the Phils.	<p>One of the requirement of medium for this kind of construction development, Is the Archaeological Impact assessment Mayroon po tayo nito</p> <p>Tanong ko lang po kung saan po kukunin yung mga raw materials for the reclamation</p>	<p>Usually po nitong mga nakaraang taon pinaguusapan po yan na yung Archeological Impact Assessment will be done in conjunction of dredging or preparation of the sea bed. Otherwise sa ngayon po parang too early para istorya ang seabed lalot wala pa namang ginagawang trabaho doon, yun po yung napagkasunduan sa ibang projects ng inyong office at DENR na sabay napo sya sa studies na ganoon. Gagawin pero after ng IEC, gagawin bago simulant yung project.</p> <p>Again sinabi ko na, options palang po ay ang San Nicolas Shoul ng if could be anywhere else nd pupwede ang materials.</p>

ISSUES AND CONCERN DURING IEC 		
NAME/AFFILIATION	ISSUES/CONCERNS	RESPONSE
Francisco Alconera CAAP	<p>Tanong ko lang po, actually ang problem po naming ay more on later part pa po.</p> <p>Sa proponent po na gagawa ng building sa gagawing reklamasyon. ang tanong ay yung itatayong building, yung height nito ay makakaapekto sa operation ng airport, either sa MIA, Bulacan. Hindi po kaya kami nakalimutan? Sa height limitation po?</p>	<p>Jean Ravelo: sa pagkakaalam ko po sa master planning po nito ay may height limit na susundin</p> <p>Dr. Bruce: We will consider po na after ng ECC, sa paggawa ng detailed feasibility study po, duon na po namin hihingin sa inyo yung height clearance, titignan kung gaano katas iaallow ng CAAP, yun po and gagawin basehan ng itatayong structure.</p>
Armina Robles Cerdena Heronimo Home Owners	May gagastusin ba and City Government sa project na ito?	Dr. Bruce: Lahat po ng gastos ay sasagutin ni partner private sector.

ISSUES AND CONCERN DURING IEC 		
NAME/AFFILIATION	ISSUES/CONCERNS	RESPONSE
Engr. Divina Camarao EMB- NCR	Nabanggit ni sir kanina yung classification ni Manila bay. Paki consider sa report na ang Manila Bay na class SB water	Jean Ravelo: Salamat po
Mr. Antonio Maralit De La Salle University	Nais naming isama sa scoping 1. Study should include heavy metal sediments, may mga findings po na lahat ng reclaimed areas sa Pasay at Manila ay mataas ang heavy metal sediments. 2. Tungkol sa Mandamus, gusto po sana naming tignan din din how does this complement or may be contradict to the call of the supreme court. Paano di makakaapekto.	Jean Ravelo: 1. Usually we are required to test the water quality, physical water quality for the water. 2. Mandamus, ito pong ahensya na nagpapatupad ng Mandamus ay iniimbita sa pagrereview ng committee.

ISSUES AND CONCERN DURING IEC 		
NAME/AFFILIATION	ISSUES/CONCERNS	RESPONSE
	3. Tsunami at storm surges, sa layout kanina, yung project ay nasa pinaka bukana na nagsisilbing kalasag nung ibang proyekto, baka kailangan mag simulation study. 4. For the DENR, diba iba ang treatment sa EIS per project, baka pedeng tignan collectively. 5. Hindi na daw po magaapprove ang president ng any reclamation project?	3. Lahat po ng hazard ay kasama sa pinag aaralan tulad ng lindol, tapos mayroon po kaming mathematical modeling para sa storm surge at tsunami, kaya nga po nire-require ni PRA and minimum height ng island 4. Hiwa-hiwalay – sa numerical modeling ni rerequire ni DENR, na lahat ng proposed leading entity, basta yung alam mo na medyo tutoong project ay isinasama sa circulation modeling. 5. Medyo labas napo sa aking kaalaman yan at di ko po masasagot

