

# PROJECT DESCRIPTION

This document presents the specific details of the proposed Davao Terminal Project of Philcement Corporation. Among the significant information discussed in this section include the project location, accessibility, impact area, rationale, components/facilities, activities during project phases, manpower, and project investment cost.

## 1.0 PROJECT BACKGROUND

### 1.1 Background of the Project

Project Name:	<b>Davao Terminal Project</b>
Nature of Project:	<b>Manufacturing</b>
Total Area and Production Capacity:	<b>18,800 m<sup>2</sup> leased area and 12,600 m<sup>2</sup> leased port area 1.5 MMT/year</b>
Site Location:	<b>Barangay Ilang, Bunawan District, Davao City</b>

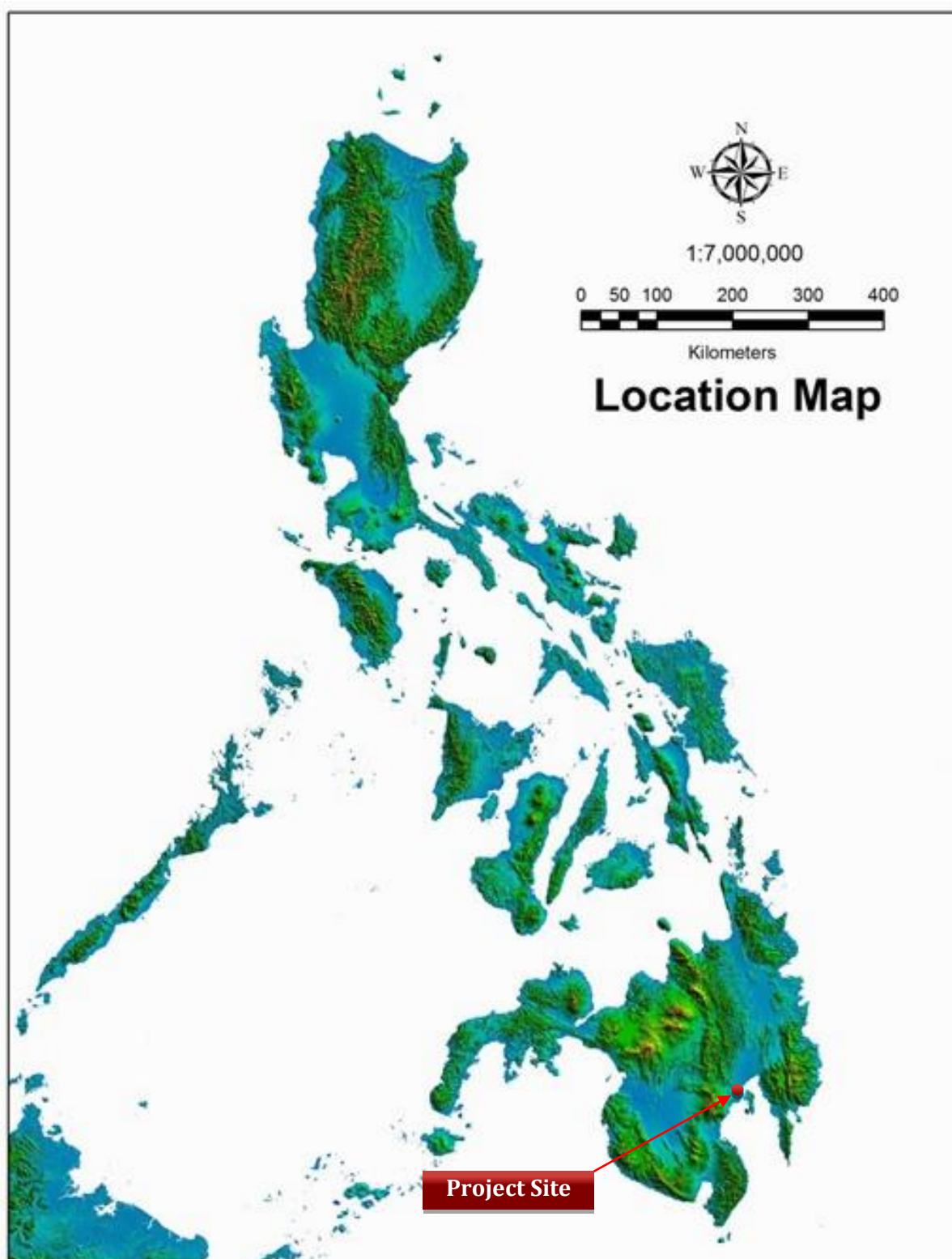
### 1.2 Profile of the Proponent

Name of Proponent:	<b>Philcement Corporation</b>
Office Address:	<b>39 Plaza Drive, Rockwell Center, Makati City 1200</b>
Contact Person:	<b>Raymundo Cruz Assistant Vice President/Project Manager</b>
Tel No./Fax No.:	<b>(02) 8870-0100</b>

## 2.0 PROJECT LOCATION AND AREA

### 2.0 Location

The proposed Davao Terminal Project of Philcement Corporation (Philcement) is a bulk terminal for cement handling and packing to be located in Barangay Ilang, Bunawan District, Davao City (**Figure 1**). The proposed project will be situated within the 1.88-hectare area of the existing Union Galvasteel Corporation (UGC) Polyurethane Sandwich Panel Plant. UGC is a sister company of Philcement under the Phinma Group of Companies. Philcement will also be leasing a 12,600 m<sup>2</sup>-port area from the Terminal Facilities and Services Corporation (TEFASCO) for the use of its port facility where raw materials and packed cement products will be delivered. The TEFASCO facility is located just across the proposed project. **Table 1** shows the tabulation of the TEFASCO and Philcement leased areas. **Figures 1** and **2** are the location and vicinity maps showing the project site and adjoining areas. Geographic coordinates of the leased land area is shown in **Table 2**.



**Figure 1.** Location map of the proposed Philcement Davao Terminal Project



**Figure 2.** Vicinity map of the proposed Philcement Davao Terminal Project

**Table 1. Project components and area tabulation**

Leased Area	Area (m <sup>2</sup> )
Area to be leased from UGC	18,800
Port area to be leased from TEFASCO	12,600
<b>TOTAL AREA</b>	<b>31,400</b>

**Table 1. Geographic coordinates of Philcement's leased development area**

Perimeter/Boundary points (based on OCT/TCT/etc)	Latitude	Longitude
<b>CEMENT PACKAGING PLANT AND SILOS</b>		
Corner 1	7°10'19.9"N	125°39'17.7"E
Corner 2	7°10'15.7"N	125°39'18.8"E
Corner 3	7°10'18.0"N	125°39'10.7"E
<b>PORT FACILITY (TEFASCO AREA)</b>		
Corner 1	7°10'19.3"N	125°39'23.8"E
Corner 2	7°10'19.3"N	125°39'23.8"E
Corner 3	7°10'08.7"N	125°39'22.1"E
Corner 4	7°10'18.2"N	125°39'19.3"E

## 2.1 Accessibility

The proposed project will be located in Barangay Ilang, Bunawan District, Davao City. The project site is accessible from Manila via a direct flight to Davao International Airport. From the airport, the project area can be reached through local transportation including jeepneys and taxi.

## 2.2 Proof of Authority over the Proposed Project Site

At present, Philcement and Union Galvasteel Corporation, its sister company are on the process of finalizing the Memorandum of Agreement (MOA.) for the use of the existing facility of UGC in Barangay Ilang, Bunawan District, Davao City. Please see **Annex 1**.

## 2.3 Predicted Impact Area

Based on the proposed site development plan of Philcement and its projected operation, the impact area of the proposed Davao Terminal Project is confined only in the proposed site development areas within the jurisdiction of Barangay Ilang, Bunawan District, Davao City.

**Figure 3** shows the satellite image of the proposed project area from Google Earth taken in July 2020. This is in lieu of the aerial photos that are not available due to limitations brought by the pandemic. In **Figure 4**, the nearby residential areas, industries and institutions are presented.



**Figure 3.** Projection of the area of the proposed Philcement Davao Terminal Project using Google Earth



**Figure 4.** Satellite image of the host community of the proposed area of the project

### 3.0 PROJECT RATIONALE

With Davao and Southern Mindanao becoming one of the country's fastest growing regions, private and public infrastructure projects have to be supported with ample supply of materials, with cement being the primary product to initiate construction activities. However, based on our projections, demand has overtaken locally produced supply of cement in Southern Mindanao significantly. As such, Philcement aims to establish its next investment in Davao to support markets.

Since the fourth quarter of 2017, Philcement has engaged in cement importation in Davao through direct shipments of 40-kg bags from Vietnam. Over recent years, it has developed many customers and channel partners who are very receptive and delighted with the Union Cement brand due to its quality and consistency. In this case, Philcement has already prepared and developed markets and customers to support its proposed investment.

Aside from the market potential, Davao is also an ideal location for Philcement as it is very close to the port and has very good road access, which allows it the potential to receive raw materials and distribute products at the same time. Moreover, locating in Davao City also provides access to a highly skilled and modern workforce, which will support Philcement's objective to sustainably grow in Southern Mindanao.

Furthermore, there is significant synergy potential with affiliate Union Galvasteel Corporation, which is also under the Construction Materials Group of PHINMA. UGC has been known in the Southern Mindanao markets for decades as a leading brand in roofing materials – as such, there are strategic benefits for Philcement to increase its footprint and locate in Davao.

The proposed terminal facility in Davao is expected to improve the logistics and processing cost of cement compared to direct importation in bags, which will support us in providing competitive prices to the Southern Mindanao markets. Based on company projections, we have prepared an investment proposal for a modern facility in Davao estimated at Php 750,000,000 (amount), which can receive one and a half million tons of cement to support current and future growth in the Southern Mindanao region. This is in line with Philcement and PHINMA's commitment to make the lives of Filipinos better by supporting construction and infrastructure activities in the country.

### 4.0 PROJECT ALTERNATIVES

The summary of the project alternatives considered in the planning of the proposed project is provided in **Table 2**.

**Table 2. Project alternatives of the Proposed Philcement Davao Terminal Project**

Aspect	Standard Criteria	Options Considered	Assessment
Siting	<ul style="list-style-type: none"> <li>Location</li> <li>Availability</li> <li>Land use</li> </ul>	<p>The proposed project shall be situated in Barangay Ilang, Bunawan District, Davao City.</p> <p>No other alternative sites in Mindanao was chosen.</p>	<p>As mentioned in the rationale, one of the consideration in selecting the proposed location is that Davao and Southern Mindanao are becoming one of the Philippine's fastest growing regions in terms of private and public infrastructure projects. In addition, Philcement has already developed its customers and partners in</p>

Aspect	Standard Criteria	Options Considered	Assessment
			<p>Davao City.</p> <p>In terms of accessibility, the proposed location in Barangay Ilang, Bunawan District, Davao City is close to the port and has access roads.</p> <p>In terms of availability of the proposed area, the Philcement and Union Galvasteel Corporation, its sister company are on the process of finalizing the Memorandum of Agreement (MOA) for the use of the existing facility of UGC.</p> <p>Based on the zoning clearance, the property is already classified as industrial zone which is compatible to the proposed project.</p>
Project type, components and size	<ul style="list-style-type: none"> <li>• Applicability</li> <li>• Process</li> <li>• Safety</li> </ul>	<p>The proposed project is a bulk terminal for handling and packing of cement imported from Vietnam. The components will include cement storage facility, packaging facility, admin building, process road and truck scale to reach the production capacity of 1.5 million metric tons per year.</p>	<p>The proposed project has the same type, same components and same technology as the terminal project of Philcement in Mariveles Bataan.</p> <p>The project components include pollution control measures that will minimize the impact of the project to the environment and the community.</p>
Technology		<p>The project shall use a screw type unloading system when unloading cement from the vessel. The unloaded cement will then be automatically directed to the conveyor system connected to two (2) large silos.</p> <p>From the silos, the cement will be discharged to a bulk truck loading facility and tonnering facility which can automatically transfer bulk cement to waiting bulk cement trucks/trailers or apportion to 1-tonner bags.</p> <p>The proposed project is also capable of packing the cement into a 40-kilogram bag by using an automated rotopacker that is also connected to the silo.</p> <p>The selected technology shall make use of dust collectors, covered conveyor system and close-loop automated system to control dust during cement handling.</p> <p>No other alternative technology was considered in this project since the chosen technology is the best option of the company for the operation.</p>	<p>The screw type unloading system and the conveyor system were the selected technology due to their ability to minimize losses during cement handling. In terms of environmental management, it will minimize dust generation which may affect the quality of air in the area.</p>

Aspect	Standard Criteria	Options Considered	Assessment
Supply of raw materials	<ul style="list-style-type: none"> <li>Source</li> </ul>	The cement will be imported from Vietnam.	<p>Philcement has been sourcing the same materials from Vietnam for two (2) years.</p> <p>By importing the cement instead of producing one, the degree of the impact of the project in terms of pollution is reduced.</p>
Transport of raw materials	<ul style="list-style-type: none"> <li>Process</li> <li>Equipment</li> </ul>	The cement will be imported from Vietnam using cargo ship/vessel/barge. Two vessels will dock at the port at any given time to unload the cement.	<p>Bulk transport of cement from Vietnam using cargo ship/vessel/barge is also being employed in the Mariveles operation of Philcement.</p> <p>The proposed location has a port that will be convenient for the type of unloading system that Philcement will use. By using the port, the proposed project will have minimal impact on the road traffic situation in the area.</p> <p>In addition, it minimizes risks of vehicular accidents and delay in schedule due to road traffic.</p>
Source of power	<ul style="list-style-type: none"> <li>Availability</li> <li>Total power requirement</li> <li>Source</li> </ul>	<p>For the available source of power for the construction phase and operation phase is the Davao Light and Power Company, the local power distributor.</p> <p>To power its heavy equipment, Philcement will use fuel that will be sourced from the local gas station.</p> <p>A standby genset will only be used for emergency purposes.</p>	Philcement will have readily available power from Davao Light.
Water management system	<ul style="list-style-type: none"> <li>Availability</li> <li>Total water requirement</li> <li>Source</li> </ul>	The domestic water requirement during construction and operation phases of the project will be sourced from the Davao City Water District (DCWD).	<p>The domestic water supply from the DCWD is readily available for the construction and operation phases of the project.</p> <p>Since water will be sourced from the DCWD, there is no need to tap on the groundwater source.</p>
Manpower	<ul style="list-style-type: none"> <li>Method of hiring</li> <li>Available positions</li> </ul>	<p>Hiring of the 300 required manpower during construction shall be the responsibility of the contractor.</p> <p>For the 100 manpower position for the operation of the terminal, the hiring will be done by the Human Resources Department of Philcement.</p>	Philcement promotes hiring of skilled and non-skilled personnel from the host communities. The company shall ensure that priorities are given to qualified applicants from the host communities.

## 5.0 PROJECT COMPONENTS

The development of the proposed Philcement Davao Terminal Project will consist of port development and bulk cement unloading facility, including the construction of cement conveyor system, cement silos, bulk truck loading facility, tonnering facility, cement ship loading facility, cement packaging plant and administration office as well as the establishment of a truck holding area and parking. The whole project development requires a total area of 21,943.23.

The site development plan of the proposed terminal project is provided in **Figure 5**.

The cement will be imported from Vietnam and the proposed port is estimated to accommodate two (2) cargo ship/vessel/barge at any given time with an annual capacity of 1.5 million metric tons of cement. The maximum capacity of the cement silos is 30,000 metric tons. The cement unloaded from the vessels can either be sold to consumers in bulk via bulk truck loading facility, tonnering facility or by cement bags from the cement packaging plant. The cement packaging plant has a production capacity of 150,000 cement bags per day or 37.5 million cement bags per year.

Philcement will also be installing pollution control management measures to manage dust problem usually encountered in cement handling facility.

The following control measures that will be installed on-site are the following:

- Enclosed and screw type unloading system;
- Covered and sealed conveyor system;
- Enclosed and automated cement packaging;
- High-wall perimeter fences (acting as windbreakers); and
- Separate run-off sewer.

**Table 3. Philcement Davao Terminal project component and area tabulation**

Facilities	Gross Floor Area (GFA), m <sup>2</sup>	Description
Cement Storage Facility	1,200	Each of the two (2) silos will have a maximum capacity of 15,000 tons. The static upright silos will have foundation depth of approximately 4 m and a total height of about 45m. The manufactured silo will be erected on site using panels.
Packaging Facility	1,500	Fully automatic packaging machine
Admin Building	240 <i>1x240</i>	The facility will be allocated for central administrative
Process Road	14,000	Concreted open area
Truck Scale	360	100Tons truck weigh scale
Other open space	1,500	
<b>TOTAL</b>	<b>18,800</b>	-
Port (Outside the plant – TEFASCO) including cement unloader, receiving conveyor and bucket elevator	<b>12,600</b>	1.5 MMT of cement per year (210 m x 60 m)
<b>TOTAL PROJECT AREA</b>	<b>31,400</b>	



**Figure 5** shows the proposed operation from the cement packaging plant to and from the TEFASCO port facility. **Table 4** presents the list of equipment that will be utilized by Philcement for the operation.

**Table 4. List of equipment that will be utilized by Philcement Davao Terminal Project**

Equipment List	Quantity	Unit
Ship unloader, 2 x 600 tph	2	Sets
Pier conveyor 1000 tph	2	Sets
Ship bagged loader	1	Unit
Ship bulk loader	1	unit
Cement silo, 2 x 15,000 tons	2	Sets
Rotopacker	2	units
Dedusting system	1	Lot
Automatic Truck Loader	4	units

### 5.1 Power Requirement

For its construction and operation, Philcement will source its power from the Davao Light and Power Company. An estimated 3.0 Mio kW-hr will be consumed annually during the operation phase of the project.

### 5.2 Water requirement

Philcement shall source its domestic water requirement during construction phase and operation phase from the Davao City Water District (DCWD). An estimated 39.74 m<sup>3</sup>/day shall be consumed during construction phase. On the other hand, the operation will require approximately 13.25 m<sup>3</sup>/day of domestic water.

### 5.3 Waste and wastewater generation

It is expected that waste and wastewater will be generated at all phases of the proposed project. The construction activity is expected to generate 50 kg/day of wastes composed of debris, plastics, scrap wood, scrap steel, cement and concrete aggregates. During operation phase, approximately 15 kg/day of domestic wastes and 3 kg/day of industrial waste, majority of which are paper wastes, will be generated.

During the operation phase, it is expected that hazardous waste that are mainly used oil, busted lamps shall be generated during the operation. These wastes shall be properly stored and labelled prior to collection, treatment and disposal by DENR-Accredited hazardous waste service provider.

## 6.0 PROJECT SIZE

The project will be limited to the area provided of Philcement with an estimated annual production capacity of 1.5 Million metric tons. **Table 5** shows the project size of the Philcement Davao Terminal Project.

**Table 5. Project size description of the proposed Philcement Davao Terminal Project**

Particulars	Details
Total Project Area	31,400 m <sup>2</sup>
Total Production Capacity	1.5 million tons per year
Port Vessel Accommodation Capacity	1.5 million tons per year
Cement Unloading System Capacity	1,000 tons per hour
Conveyor System Capacity	1,000 tons per hour
Cement Storage Silo Capacity	30,000 metric tons
Bulk Truck Unloading Capacity	4 x 120 tons per hour
Tonnering Capacity	1,000 tons per day

Particulars	Details
Cement Packaging Plant Capacity	1.5 million tons per year or 37.5 million bags per year
Estimated Power Requirement	Operation Phase: 2.5 mega-watt
Estimated Water Requirement	For domestic water use only Construction Phase: 39.74 m <sup>3</sup> /day * Operation Phase: 13.25 m <sup>3</sup> /day*
Wastewater Generation	For domestic water use only Construction Phase: 10 m <sup>3</sup> /day Operation Phase: 1.5 m <sup>3</sup> /day
Estimated Solid Waste Generation	Construction Phase: 50 kg/day Operation Phase: 15 kg/day for domestic wastes and approx. 3 kgs/day for industrial waste (majority of which are paper wastes)
No. of Manpower (Construction Phase)	300
No. of Manpower (Operation Phase)	100
Project Development Cost	PhP 1.0 Billion
No. of Operation days/year	360 days per year

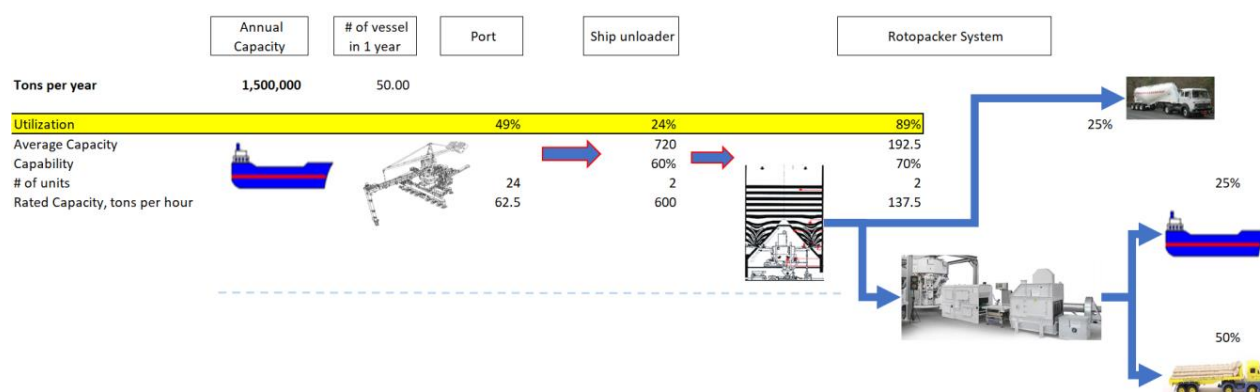
Note: \*Computed assuming consumption of 35 gallons per day

## Material Balance

**Figure 6** below shows that the proposed operation will have a total production capacity of 1,500,000 million tons of cement per year to be transported by about 50 vessels annually. Upon cement bagging, about 25% of the output will be shipped out by vessel while 75% will be hauled by trucks to other local clients.

## Quality of Raw Material

The Certificate on non-usage of PCB in the raw material is included as **Annex 1.4**. The result from the laboratory dated 05 March 2018 indicates that the heavy metals content (e.g. barium, arsenic, cadmium, lead, mercury, chromium, selenium) are all within the regulatory limit. There is no specific limit set for silver but it showed low amount of 0.005 mg/L.



**Figure 6. Mass balance**

## 7.0 DESCRIPTION OF PROJECT PHASES

### 7.1 Pre-Construction Phase

During the pre-construction phase, significant activities include surveying and site assessment of the proposed project site by Philcement. These activities are followed by the preparation of the Environmental Impact Statement (EIS) Report for the ECC application of the proposed project. Assessment and documentation include baseline condition evaluation, impact assessment and mitigation recommendations.

### 7.2 Construction Phase

The conveyor system, the construction of the vertical and structural supports will precede the installation of the belt system, which will be in accordance with applicable laws and regulations. Other existing standards and regulations pertaining to quality and safety will also be followed to ensure the structural integrity of the proposed project.

#### Clearing and Site Preparation

The site for the port facility will be leased from TEFASCO. The jetty will remain to be open; the cement unloader and its conveying system will be modular. No fixed structure will be installed since all mechanical equipment will be modular type.

During site grading, the terrain of the area will be altered and leveled. General earthworks on the other hand will consist of surface preparation, excavation, filling and backfilling, sub-base proof rolling and compaction. Excavation, backfilling and compaction are very essential to ensure that sub-base pavement is well-leveled so that the concrete surfacing for the cement packaging plant, bulk truck loading facility, cement silos, administration office and truck holding area will be rigid and even. Considering the steep terrain along eastern portion of the project area, benching/terracing might be done to stabilize critical slopes.

Thorough geotechnical investigation will also be done on-site to ensure geotechnical stability of the ground where the foundation structures for the port facility, conveyor system and cement silos will be laid-out. Setting up of safety preliminary signages at strategic locations will also be done during this stage to ensure safety of workers at all times.

For the establishment of the foundation lay-out of the cement silos and conveyor's vertical structure, site surveying will be accomplished first. Engineers will then determine which portion has to be leveled. Minimal vegetation will be cleared along the foundation area and along the entire stretch of the conveyor system to facilitate construction and maintenance.

From the vessel, cement will be extracted using a wheel mounted mechanical ship unloader and wheel mounted conveying system. These two (2) sets of equipment are modular type. Once the cement unloading is complete, cement unloader and its conveying system can be put into its designated parking space so that the jetty will be cleared, and the jetty can be used for another purpose.

To be able to transport the cement from port side to terminal side, a bucket elevator equipment and a horizontal conveyor will be installed. The bucket elevator will lift the material from the ground level up to at least 10 meters and the horizontal conveyor will transport the material from port side to the cement terminal side crossing the road.

## **Backfilling and Foundation Establishment**

### **Conveyor Systems**

For the construction of the conveyor system foundation, backfilling and sloping will be done to attain the desired grade. Excavation for isolated footing foundation will be established along the strategic areas. Reinforcing bars for the foundation will be installed to reinforce the concrete. Foundations, once erected, will be left for some time for concrete curing.

### **Civil Works**

The major construction works for project is expected to start by February 2022. Construction of bulk cement unloading facility, cement conveyor system, cement silos, bulk truck loading facility, tonnering facility, cement ship loading facility, cement packaging plant and administration office as well as the establishment of truck holding area and parking will take about 12 months.

Civil works is divided into two (2) phases: earthworks and main civil works. During the earthworks, the following activities shall be employed:

- Construction of staging areas and temporary facilities to house the labor force;
- Installation of provisional site utilities such as water, electricity, illumination, and waste disposal;
- Site drainage construction;
- Mobilization of major construction equipment and tools (e.g., bulldozers, cranes, dump trucks, passenger vehicles) and manpower levels to accomplish the sequence of establishment activity;
- Establish main site logistics and transport requirements; and
- Delivery of construction materials and supplies that will be used.

During the main civil works, the following activities will be done:

- Excavation of the main foundation areas (conveyor system, silos and bulk loading facility) for consolidation;
- Forming and pouring of the foundations for equipment and construction of other major components;
- Civil works; and
- Finishing works.

### **Equipment Installation**

After the main civil works, the installation of ship unloaders, conveyor system, bucket elevators, dust collectors, rotopacker, automatic truck loader, palletizer and other major equipment will be done, within an 8-month period. It is expected that most of the needed equipment/components will be imported from other countries and delivered on-site using cargo vessels/barge or by large lorries.

Drive motors of the conveyor system will be installed at the loading and transfer points together with the rollers and cleaners along the conveyor belt. Self-alignment rollers and safety equipment are included in the system that will ensure continuous delivery of cement from unloading facility to the cement silos.

At the port facility, iron cast for mooring and side rubber stoppers for vessels/barge protection will also be installed.

## Testing and Pre-Commissioning

The pre-start up and test operation (commissioning) are expected to begin by February 2023. These activities will primarily involve the inspection and pre-operational check-up of all major equipment/components including control logic. Many of these pre-operational checks are conducted in parallel with other construction activities. Generally, pre-operational activities are expected to be completed also the by February 2023 when installation of all equipment is also completed. Furthermore, these activities must be accompanied by completion of other related activities, such as proponent's operating staff on site for training.

## Construction Schedule

The proposed Philcement Davao Terminal Project is expected to be completed within a span of 12 months. The construction activity will be continuous for 24 hours divided into three (3) shifts. The scheduled activities for construction of the projects are summarized in the Gantt chart below (**Figure 6**).

### 7.3 Operation Phase

The commissioning phase, when all component system of the project has been tested individually, will require about two (2) months. This will be followed by a one (1) month performance testing period. The proposed project is expected to commence its commercial operation by April 2023.

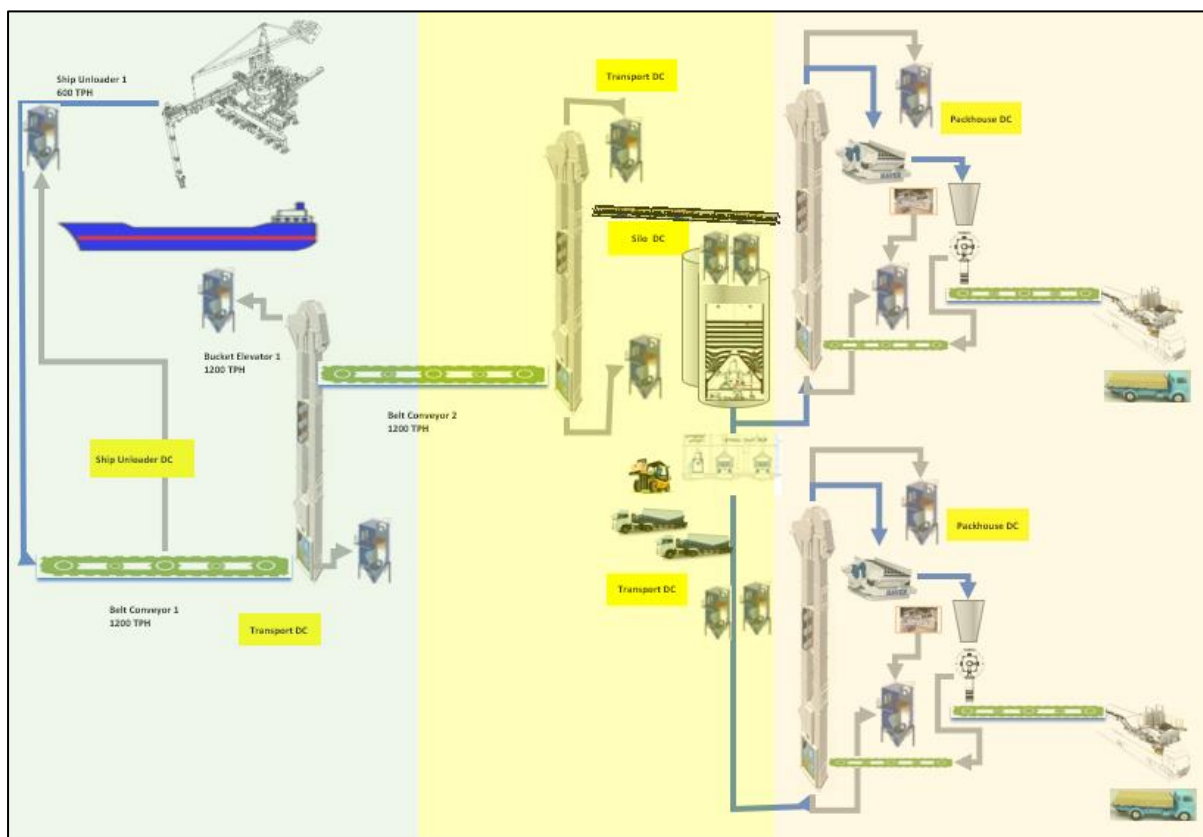
Basically, cement will be unloaded from the vessel by using screw type unloading system. The unloaded cement will be automatically directed to the conveyor system that will carry the cement to the two (2) large silos (maximum number of silo during the operation). Beneath the silo is the bulk truck loading facility and tonnering facility which can automatically transfer bulk cement to waiting bulk cement trucks/trailers or apportion to 1-tonner bags.

The proposed project is also capable of packing the cement into a 40-kilogram bag by using an automated rotopacker that is also connected to the silo. Once the cement is packed into a 40-kilogram bag, it can be directly loaded into an open bed truck thru an automatic truck loading machine or directed to a palletizer that will automatically stack cement bags into a pallet. The stacked cement can be easily loaded manually to trailer trucks by using forklifts. The proposed terminal will be operating 24 hours per day depending on the demand and delivery of cement from Vietnam.

Relatively, the proposed project will have shutdown duration of about 30 days annually for its preventive maintenance servicing (PMS) to ensure efficient and reliable operation of the equipment. In order to maintain a reliable and efficient operation, the equipment will have a regular preventive maintenance program based on the running hours to prevent any catastrophic damages.

In terms of environmental management system, environmental safeguards will be installed in strategic areas. Dust collectors, covered conveyor system and close-loop automated system are some of the safeguards to control dust during operation of cement handling facilities.

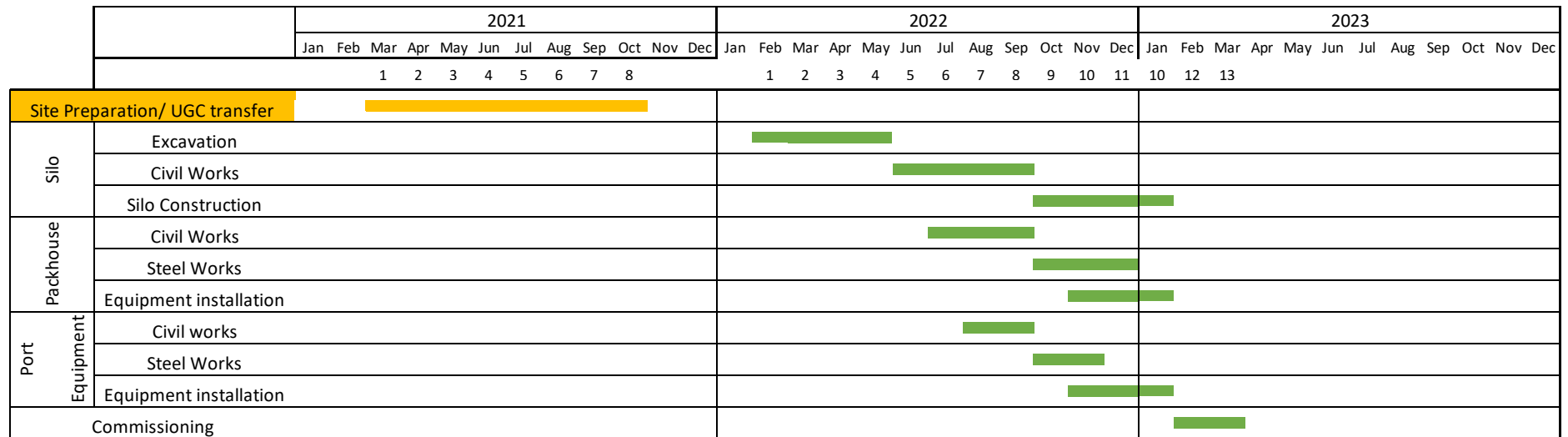
**Figure 7** is the process flow diagram of the Philcement Davao Terminal Project.



**Figure 7.** Process flow diagram of the proposed Philcement Davao Terminal Project

#### 7.4 Abandonment Phase

The proposed project has an estimated commercial life of 30 years. At the end of this period, a re-assessment of its performance and the trend of the economy will be undertaken. All market aspects and business settings will be considered and studied. In case of a need for decommissioning, the proponent will prepare an abandonment plan in accordance with applicable statutory and regulatory requirements.



**Figure 6.** Gantt chart of the proposed Philcement Davao Terminal Project development

## 8.0 MANPOWER REQUIREMENT

Manpower requirement during the construction phase is anticipated at 300 personnel and workers. A majority of these will be unskilled workers during the initial phase of construction involving site preparation, earth works, and civil construction. The estimated manpower requirement during the development of the Davao Terminal Project is shown in **Table 6**.

**Table 6. Manpower requirements for the development of Philcement Davao Terminal Project**

Manpower Requirement	Total
Silo	30
Civil works	100
Mechanical	50
Electrical	30
Support	90
<b>Total</b>	<b>300</b>

During the operation phase, it is projected that the manpower requirement of proposed project is 100 staff and laborers. **Table 7** shows the tabulated manpower requirement of the project.

**Table 7. Manpower requirements for the operation of Philcement Davao Terminal Project**

Manpower Requirement	Total
Cement Terminal	33
Logistics	12
Support Group	51
Clinic	4
<b>Total</b>	<b>100</b>

## 9.0 PROJECT INVESTMENT COST

The projected capital expenses needed for the development of the Davao Terminal Project of Philcement including site development, civil works, acquisition of equipment and machineries, and manpower hiring is projected at seven hundred million pesos PHP 1Billion

**Annex 1. Draft MOA between Philcement and UGC**

**MEMORANDUM OF AGREEMENT**

KNOW ALL MEN BY THESE PRESENTS:

This Memorandum of Agreement (the “MOA”) entered into this \_\_\_\_ day of \_\_\_\_ 2020 in Makati City, by and between:

**PHILCEMENT CORPORATION**, a corporation duly organized and existing under the laws of Philippines, with address at Garcia Rd., Mariveles Diversion Rd., Freeport Area of Bataan, Mariveles 2106, Bataan, represented herein by its Chief Executive Officer and President, Mr. EDUARDO A. SAHAGUN (hereinafter referred to as the “PHILCEMENT”);

-and-

**UNION GALVASTEEL CORPORATION**, a corporation duly organized and existing under the laws of Philippines, with address at Chipeco Avenue Extension, Brgy. Real, Calamba City, Laguna represented herein by its Chairman of the Board, Mr. VICTOR J. DEL ROSARIO (hereinafter referred to as “UGC”);

WITNESSETH, that:

**WHEREAS**, PHILCEMENT plans to establish a cement terminal in Southern Mindanao in the next two years, with access to a port, to serve the growing demand for construction requirements;

**WHEREAS**, UGC has a property in Barrio Ilang, Davao City with an area of \_\_\_\_\_ square meters, (hereinafter referred to as the “Property”) which meets the requirements of PHILCEMENT, and which can house cement terminal operations;

**WHEREAS**, the Property is currently used for UGC’s polyurethane panel manufacturing operations;

**WHEREAS**, UGC agrees to transfer its polyurethane panel operations to another location in Davao City, and lease the area to PHILCEMENT when the latter has substantially procured permits and documents necessary to commence site development for its cement terminal.

**NOW, THEREFORE**, for and in consideration of the foregoing premises and the terms and conditions hereinafter set forth, the Parties hereby agree as follows:

## **ARTICLE I OBLIGATIONS OF THE PARTIES**

1. PHILCEMENT shall prepare documents for processing and securing the necessary permits and licenses to enable it or its designee to operate a cement terminal facility in Davao City. For avoidance of doubt, permits in relation to port construction, including the attendant environmental compliance certificate(s), shall be managed by PHILCEMENT, to be ably assisted by UGC;
2. UGC and PHILCEMENT shall complete and sign a separate lease agreement where UGC leases off an area of \_\_\_\_\_ sq. m. to PHILCEMENT for its cement terminal facility and its attached operations;
3. PHILCEMENT shall inform UGC and declare its readiness in writing when it has substantially completed the necessary permits and documents which would allow the former to proceed with site development and construction activities;
4. UGC shall look and negotiate for a new site in Davao City to house its polyurethane panel manufacturing operations over the next twelve months;
5. Upon PHILCEMENT's advise of its readiness, UGC shall vacate the area of \_\_\_\_\_ sq. m. and transfer to its new site within a period of three months.

## **ARTICLE II TERMINATION**

This Agreement shall become effective as of the date of this Agreement and shall remain in full force and effect upon the execution of a Lease Agreement or until terminated upon mutual consent of the parties.

## **ARTICLE III MISCELLANEOUS PROVISIONS**

1. Headings. The headings in this Agreement are inserted for convenience of reference only and shall not limit or affect the construction of the provisions hereof.
2. Good Faith and Assurances. Each Party shall act in good faith and shall exert every effort to implement and give full effect to the transactions contemplated under this Agreement, and execute such documents, take such further actions, and give such other assurances as may be necessary to give full effect to the objectives of this Agreement.
3. Settlement of Disputes. In the event of any dispute or difference arising out of or relating to this Agreement, or with respect to a breach thereof, including any issue as to the validity and enforceability of this Agreement, the Parties shall use their best efforts to settle such dispute or difference or to remedy the breach. To this effect, the Parties shall consult and negotiate with each other in good faith and with understanding of their mutual interests, to reach a just and equitable solution satisfactory to each.
4. Venue. Any legal action arising under or by virtue of this Agreement and other documents executed or delivered pursuant hereto shall be brought exclusively in the proper courts of Makati City to the exclusion of all other courts, with the prevailing Party being entitled to payment of attorney's fees and litigation expenses equivalent

to twenty percent (20%) of the sum involved which shall in no case be less than One Hundred Thousand Pesos (Php 100,000).

5. Notices. Any notice, demand or other communication to be given or made under this Agreement shall be in writing and delivered or sent to each Party during office hours on a business day through online or personal delivery at its address set out below or such other address as the a Party shall by three (3) days' prior written notice notify the other Party in writing:

To PHILCEMENT:       **PHILCEMENT CORPORATION**  
Makati Office  
3/F The PHINMA Plaza  
39 Plaza Drive, Rockwell Center  
Makati City

Attention:       MR. EDUARDO A. SAHAGUN  
CEO and President

To UGC:               **UNION GALVASTEEL CORPORATION**  
Makati Office  
12/F The PHINMA Plaza  
39 Plaza Drive, Rockwell Center

Attention:       MR. VICTOR J. DEL ROSARIO  
Chairman of the Board

Any notice, demand or other communication so addressed to the relevant Party shall be deemed to have been delivered when actually delivered to the relevant address.

6. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the Republic of the Philippines.
7. Entire Agreement. This Agreement embodies the entire agreement of the Parties and constitutes the complete understanding between them with respect to the subject matter hereof, and supersedes all prior agreements and undertakings, both written and oral, between the Parties.
8. Binding Effect – This Agreement and other documents executed or delivered pursuant hereto shall be binding upon and inure to the benefit of the Parties and their respective successors-in-interest and assigns.
9. Non-assignment. A Party may not assign its rights and/or obligations hereunder without the prior written consent of the other Parties. For purposes of obtaining loan and/or financing from a financial institution, whether for working capital and/or capital expenditures, consent for the assignment of rights, receivables and/or proceeds from the other Party shall not be required.
10. No Waiver. A Party's failure or neglect to enforce any of its rights under this Agreement shall not be deemed a waiver of such rights or obligation of the other Party.

11. Confidentiality. Neither Party shall, without the prior written consent of the other Party, disclose to any third party, any trade secrets, formulae, processes, design, whether patented or patentable, developed or acquired by any Party or by or through this Agreement, know-how, and other technical, commercial or other similar information, plans and any other materials concerning technical, economic or marketing information which any Party may obtain pursuant to, or as a result of, this Agreement (hereinafter collectively "Confidential Information").

The Parties shall adopt such measures to ensure that all officers, directors and employees thereof, as well as persons given access to Confidential Information, shall treat such Confidential Information as secret and confidential and not disclose the same to other persons.

The confidentiality provisions in this paragraph 12 shall survive the termination of this Agreement.

12. Indemnity. A party shall defend, indemnify and hold free and harmless the other Party and/or its designee (and its employees, officers and agents) from and against all claims, losses, damages and costs (including reasonable attorneys' fees) of third parties to the extent arising out of (a) a Party's gross negligence, recklessness or willful misconduct in performing any of its obligations under this Agreement, or (b) material breach by a Party of any of its representations, warranties, covenants or agreements under this Agreement.
13. Severability. If at any time any provision of this Agreement or any document executed in connection herewith is or becomes illegal, invalid or unenforceable in any respect under any law, the legality, validity or enforceability of the remaining provisions under this Agreement shall not be affected thereby; provided, however, that the transactions contemplated in this Agreement may still be fully completed and implemented.
14. Amendment - This Agreement and the terms and conditions hereof may not be changed, discharged, amended, modified or altered unless in writing and duly signed by an authorized representative of each of the Parties, with the amending document making express reference to amendment of this Agreement.
15. This Agreement may be signed in any number of counterparts. Any single counterpart or a set of counterparts signed, in either case, by the parties hereto shall constitute a full and original agreement for all purposes.

IN WITNESS WHEREOF, the Parties have signed these presents on the date and at the place first above-written.

**PHILCEMENT CORPORATION**

**UNION GALVASTEEL CORPORATION**

By:

By:

**EDUARDO A. SAHAGUN**  
*CEO and President*

**VICTOR J. DEL ROSARIO**  
*Chairman of the Board*

SIGNED IN THE PRESENCE OF:

\_\_\_\_\_

\_\_\_\_\_

## ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)  
MAKATI CITY ) ss.

BEFORE ME this \_\_\_\_ day of \_\_\_\_\_ 2020, personally appeared the following:

Name	Government Valid ID	Expiry Date/ Place Issued
PHILCEMENT CORP.	No.	
EDUARDO A. SAHAGUN		
UNION GALVASTEEL CORP.	No.	
VICTOR J. DEL ROSARIO		

all known to me and by me known to be the same persons who executed the foregoing Memorandum of Agreement, and who acknowledged to me that the same is their free and voluntary act and deed and that of the entity which they seek to represent.

This pertains to an AGREEMENT consisting of six (6) pages, including the page where this acknowledgment is written, and is signed by the Parties and their witnesses on the space provided for their signature.

WITNESS MY HAND AND NOTARIAL SEAL, this \_\_\_\_ day of \_\_\_\_ 2020 at Makati City, Philippines.

NOTARY PUBLIC

Doc. No. \_\_\_\_;  
Page No. \_\_\_\_;  
Book No. \_\_\_\_;  
Series of 2020.

## **ATTACHMENT 2**

Proof of Conduct of IEC including the presentation materials

# INFORMATION, EDUCATION AND COMMUNICATION (IEC) REPORT for the proposed Davao Terminal Project and Relocation of UGC Plant

Grand Mensang Hotel, Morning Poem Function Room  
Pichon Street, Poblacion District, Davao City

The Information, Education, and Communication (IEC) activity for the proposed **DAVAO TERMINAL PROJECT** of Philcement Corporation (“Philcement”) was held last October 11, 2019 in time with the regular Barangay Council Meeting of Barangay Ilang at the Session Hall of Barangay Ilang, Bunawan District, Davao City. The activity was co-facilitated by Gaia South, Inc., a third party Environmental Consultant. The IEC was attended by the following Council Members and representatives from Philcement Corporation, Union Galvasteel Corporation (UGC), and Gaia South, Inc.:

1. Hon. Amado Babao	-	Chairman
2. Hon. Magdalena Dicang	-	Kagawad
3. Hon. Godofredo Babao	-	Kagawad
4. Hon. Susana Tulabing	-	Kagawad
5. Hon. Lito Padilla	-	Kagawad
6. Hon. Alvin Besinan	-	Kagawad
7. Hon. Walter Hunyo	-	Kagawad
8. Hon. Tesalonica Adlaon	-	Kagawad
9. Hon. Policarpio Balayon	-	Barangay Secretary
10. Raymundo Cruz	-	Philcement
11. Zita Balogo	-	Philcement
12. Kathryn Suela	-	UGC
13. Ebert T. Bautista	-	Gaia South, Inc.
14. Liezyl S. Liton-Rellea	-	Gaia South, Inc.

The IEC programme started at around 3:00 p.m. with the singing of the National Anthem. The Council Members, representatives from Philcement, UGC, and Gaia South introduced themselves. Philcement’s Assistant Vice President and Project Manager, Mr. Raymundo Cruz presented the background of the proposed Davao Terminal Project while Mr. Ebert Bautista, Project Director and IEC Consultant of Gaia South, discussed the proposed project’s potential environmental and social impacts as well as Philcement’s plans in implementing the impacts and mitigating measures.

As part of the IEC, an open forum to address the issues related to the project was done. The summary of issues and concerns are documented in **Table 1**. It was mentioned by the Hon. Chairman Amado

Babao that the Council will review the proposed project, subject to endorsement in the next Regular Council Meeting on November 8, 2019 at 2:00 p.m.  
The session with Philcement was concluded at 4:00 p.m.

**Table 1**  
**Issues, concerns and responses during the IEC activity**  
**Barangay Ilang, Bunawan District, Davao City**

Name	Issues/Concerns/Notes	Response
<b>Hon. Amado Babao</b> <i>Chairman</i>	<p>Where is the source of the raw materials?</p> <p>Where is the exact location of the proposed project?</p> <p>Where will be the port of delivery?</p> <p>Please prioritize local hiring. We have qualified workers.</p> <p>Will you conduct laboratory testing to check the quality of the product?</p> <p>Can we request for a site visit in the proposed area to have a visual knowledge on where you will construct the proposed Terminal Project? We are suggesting October 14, 2019 at 9:30 a.m.</p>	<p><b>Mr. Raymundo Cruz, Philcement</b></p> <p>The raw materials will be sourced from Vietnam.</p> <p>The proposed Davao Terminal Project will be located in the existing UGC Plant. The UGC plant will be demobilized and transferred to a lot located at the back end of the property. All necessary permits will be secured by the company before any demobilization and construction activities.</p> <p>Philcement will be renting at Terminal Facilities and Services Corporation (TEFASCO) for the delivery of raw materials and packed cement products. There is already a draft agreement for renting awaiting for the final pricing between Philcement and TEFASCO.</p> <p><b>Mr. Ebert Bautista, Gaia South</b></p> <p>Local qualified applicants will be prioritized by Philcement. This is also the commitment of the Company and a condition that will be written in the Environmental Compliance Certificate (ECC).</p> <p><b>Mr. Raymundo Cruz, Philcement</b> <b>Ms. Zita Balogo</b></p> <p>There will be a series of material testing to be conducted to ensure quality of the product and satisfy the demand of the consumers for good quality commodities. At the source, the supplier requires the testing of the materials to be exported, upon its arrival, and prior to final packaging of the cement products.</p> <p>The quality of the materials is assured. Philcement has been sourcing the same materials from Vietnam for quite a long time already.</p> <p>We will accommodate the Council as requested.</p>
<b>Hon. Godofredo Babao</b>		<b>Mr. Raymundo Cruz, Philcement</b>

Name	Issues/Concerns/Notes	Response
<i>Kagawad</i>	<p>Holcim is not properly paying the Real Property Tax (RPT). We hope that Philcement will properly and promptly pay the necessary taxes and permits for the benefit of the Barangay for use in the local projects.</p> <p>Do you think that there will be significant competition on cement manufacturing that may cause Holcim to shut down once you operate?</p>	<p><b>Ms. Zita Balogo</b></p> <p>Holcim is a bigger company that manufactures cement products while Philcement will only pack/bag the cement materials. It is also expected that the RPT of Philcement will be lower than that of the Holcim.</p> <p>Based on the graph presented, closure of cement manufacturing plants is not foreseen to happen anytime soon because the demand on cement is still progressing in the Philippines.</p>
<i>Kagawad</i>	<p>What are the Corporate Social responsibilities (CSR) that you are incorporating in the operations?</p>	<p><b>Mr. Raymundo Cruz, Philcement</b></p> <p>Definitely, there will be CSR programs that will be implemented for the workers as well as social programs for the barangay but these projects have to be studied depending on the needs of the people and in accordance with the existing laws and regulations. There will be further studies that will be conducted by experts to ensure that the most suitable programs will be implemented in the barangay.</p>

In response to the request of the Barangay Council, a site visit within the existing area of UGC Polyurethane Sandwich Panel Plant in Barangay Ilang, Bunawan District, Davao City was conducted last October 14, 2019.

Following this was the presence of Philcement during the regular Council Meeting of Barangay Ilang held last November 8, 2019 at the Barangay Ilang Barangay Hall wherein a Public Consultation was suggested by the Council to be conducted with the presence of other stakeholders in the area. Copy of the attendance is presented in **Annex 8**.

Last November 15, 2019, again during the regular session of the Barangay Ilang Council, Philcement presented the proposed project with the presence of other local stakeholders. Copy of the attendance sheet is attached as **Annex 9**. The Council moved to pass Barangay Resolution interposing No Objection to Philcement.

Philcement also conducted an IEC campaign and courtesy meeting with the Davao Chamber of Commerce and the Davao City Investment and Promotion Center:

- |                        |   |                                      |
|------------------------|---|--------------------------------------|
| 1. Engr. Raymundo Cruz | - | Philcement                           |
| 2. Ms. Zita Balogo     | - | Philcement                           |
| 3. Ms. Kathryn Suela   | - | UGC                                  |
| 4. Mr. Art Milan       | - | President, Davao Chamber of Commerce |

No issues were noted during the meeting.

A meeting with the *Sangguniang Panglungsod ng Davao* was held last February 19, 2020 at the Morning Poem Function Room of Grand Menseng Hotel in Poblacion District, Davao City.

The meeting was attended by the following representatives:

15. Francis Mark H. Layog	-	Chief of Staff - Office of the Vice Mayor
16. Dianne Delos Reyes	-	Office of the Vice Mayor
17. Lalene S. Apat	-	Office of the Vice Mayor
18. Christian D. Cambaya	-	Acting OIC – Davao City Investment Promotion Council
19. Ardeo Armentano	-	CENRO
20. Crisil E. Guyot	-	CENRO
21. Aicilavinia Monce	-	CENRO
22. Ain Arienza	-	City Administration Office
23. Julivie Jamero	-	City Administration Office
24. Mildred Caintic	-	City Administration Office
25. Luz F. Marajan	-	City Administration Office
26. Marilyn P. Hinong	-	City Administration Office
27. Curtis C. Lazarraga	-	City Health Office
28. Raby S. Masaguin	-	City Health Office
29. Evangeline Notarte	-	Kinaiyahan Foundation Inc.
30. Robert Anthony Te	-	Philcement
31. Raymundo Cruz	-	Philcement
32. Zita Balogo	-	Philcement
33. Mark Gonzaga	-	Philcement
34. Erwin Tongco	-	UGC
35. Cristy Marie Bernas	-	UGC
36. Ebert T. Bautista	-	Gaia South, Inc.
37. Kristine A. Lasmarias	-	Gaia South, Inc.

The IEC programme started at around 12:30 p.m. with welcoming remarks from Mr. Robert Anthony Te of Philcement. Philcement's Assistant Vice President and Project Manager, Mr. Raymundo Cruz presented the background of the proposed Davao Terminal Project while Mr. Ebert Bautista, Project Director and IEC Consultant of Gaia South, discussed the proposed project's potential environmental and social impacts as well as Philcement's plans in implementing the impacts and mitigating measures.

The summary of issues and concerns documented during the open forum are documented in **Table 1**. Please see **Annex 1** for the photodocumentation.

The IEC meeting with the city council was concluded at 1:30 p.m.

**Table 1**  
**Issues, concerns and responses during the IEC activity**  
**with Davao City Council Members**

Name	Issues/Concerns/Notes	Response
<b>Mr. Christian Cambaya</b> <i>Acting OIC DCIPC</i>	Will there be manufacturing of cement?	<b>Mr. Raymundo Cruz, Philcement</b>  There will be packaging but no manufacturing of cement.
<b>Mr. Curtis Lazarraga</b> <i>City Health Office</i>	How many silos will be installed for the 1.5MT terminal? Where will these be situated? How far would the silos be from the road?  The source is near the shipment and port area. How can you transfer it to the silos?  Are you sure that the system can duct or pass through?  Will this be situated near the TEFASCO area?	<b>Mr. Raymundo Cruz, Philcement</b>  There will be 215,000 tons silos. From the TEFASCO port, it will cross the road similar on the installation made by Holcim. It will be approximately 100 meters away from the road. We will put the packaging plant in the front and the silos will be at the back.  A bucket elevator will be used to transfer the cement.  From the port, a mechanical ship unloader will be installed. After the unloading, the wheeled ship unloader will be disassembled so TEFASCO can still use the port.  Through a closed conveying system (air slide), the materials will cross the road and will be transported to the silos.  <b>Mr. Robert Anthony Te, Philcement</b>  Yes, TEFASCO has a duct of 10 meters and that's where we currently duct our vessels. At 10 meters, the vessel that we will bring is around 27,000-30,000 deadweight. Around nine (9) meters will be needed for a 27,000 deadweight vessel. So in that 30,000, there will be at least three (3) ships per month.  <b>Mr. Raymundo Cruz, Philcement</b>  Yes, it will be situated relatively adjacent to the TEFASCO area.
<b>Mr. Julivie Jamero</b> <i>City Administration Office</i>	Are there existing silos in the area?	<b>Mr. Raymundo Cruz, Philcement</b>  There are no existing silos in the area. There is only a steel plant (UGC plant), which will be relocated upon approval of the project.
<b>Mr. Curtis Lazarraga</b> <i>City Health Office</i>	What will be the height of the silo?	<b>Mr. Raymundo Cruz, Philcement</b>  Based on our design, the total height will be 50 meters. The concrete base will be 20 meters high while the steel storage will be 30 meters.  <b>Mr. Robert Anthony Te, Philcement</b>  The silo will be made of steel. It has a concrete base but the main structure would be steel.

Name	Issues/Concerns/Notes	Response
		<p><b>Mr. Raymundo Cruz, Philcement</b></p> <p>Based on the National Building Code of the Philippines, it can withstand an intensity 8 earthquake.</p>
<p><b>Mr. Ardeo Armentano</b> CENRO</p>	<p>Do you still need the No Objection Letter (NOL) from residents and the Barangay?</p> <p>What are the options if the extraction of raw materials from the jetty malfunctioned? Because we experienced this before, and the effect of dust is visible.</p> <p>There is a similar cement plant relatively adjacent to your area. The Apo Cement is also pneumatic. That time, there is a miscommunication between the operators of the jetty and silos. There is an excessive pressure which resulted to explosion.</p>	<p><b>Mr. Ebert T. Bautista, Gaia South Inc.</b></p> <p>Actually, it is not necessarily needed but we appreciate that the barangay volunteered to issue a resolution of no objection.</p> <p>The residents and the barangay are part of the consultation.</p> <p><b>Mr. Raymundo Cruz, Philcement</b></p> <p>The system is closed so there will be no dust or debris that will fall out in case of a system malfunction. The screw which extracts the raw materials will just stop. It can also be easily assembled based on our experience in the Mariveles Plant.</p> <p>Yes, it can happen if your dust collector malfunctioned. In our case, it is like you are just throwing the cement. The pressure is only slightly negative so that there will be no dust. We need to have a slightly negative pressure to remove the humidity.</p>
<p><b>Mr. Ardeo Armentano</b> CENRO</p> <p><b>Mr. Curtis Lazarraga</b> City Health Office</p>	<p>Will the Davao Train be constructed adjacent to your location?</p> <p>Try to consult with DPWH to know the exact location of the train. It will be from Tagum to Digos so most likely it will pass through Davao.</p> <p>Our concern also is if somewhere along the line, it will pass through the Mungang side? It is located at the back of your proposed location.</p>	<p><b>Mr. Robert Anthony Te, Philcement</b></p> <p>We will check the project location of the Davao Railway.</p> <p><b>Mr. Raymundo Cruz, Philcement</b></p> <p>If the railway will pass through the highway, our machines are flexible. We will slightly move it to give way to the train.</p> <p>No it will not pass thorough and no modification will be done at the back.</p>
<p><b>Mr. Ardeo Armentano</b> CENRO</p>	<p>What is the bulk cement capacity?</p>	<p><b>Mr. Raymundo Cruz, Philcement</b></p> <p>The finished products are bagged and bulk cement. The normal capacity for bulk cement is 40 tons. Some importers do not have bulk cement so if a problem arises with the local supply, big projects such as roads and bridges will be stopped.</p> <p><b>Mr. Robert Anthony Te, Philcement</b></p> <p>Most of the projects especially dams, road and bridges need concrete, while concrete need bulk cement to the ready mix sand. We will offer deliveries of bulk cement. Currently,</p>

Name	Issues/Concerns/Notes	Response
		Davao has two (2) suppliers of bulk cement so in the future you will have us as an alternative supplier.
<b>Mr. Curtis Lazarraga</b> <i>City Health Office</i>	<p>So currently you are in the permitting stage?</p> <p>We are interested in looking at the conditionalities of your ECC. If the ECC compliance were really met.</p>	<p><b>Mr. Raymundo Cruz, Philcement</b></p> <p>Yes, we are currently in the IEC campaign and after this we will draft our EIS Report.</p> <p>Yes, we will update you with our ECC compliance.</p>
<b>Mr. Ardeo Armentano</b> <i>CENRO</i>	<p>Where do you get the bags used for the cement packaging, are these locally-made?</p>	<p><b>Mr. Raymundo Cruz, Philcement</b></p> <p>As of now, we have different suppliers. We have our local supplier and some were imported overseas. Our partner supplier will also depend on the packaging presentation and the reliability of supply.</p> <p>We will comply if the city will require us to use paper for packaging as we also use it in Mariveles.</p>
<b>Mr. Curtis Lazarraga</b> <i>City Health Office</i>	<p>The construction of a centralized vacuum system is good to prevent dust accumulation.</p> <p>The Apo Cement operations are primitive compared to this.</p> <p>Can we see the ECC conditionalities of the Mariveles Plant? Because more or less the conditionalities will be the same in this project.</p>	<p><b>Mr. Raymundo Cruz, Philcement</b></p> <p>In our Mariveles Plant, a centralized vacuum system will be installed and we will also apply it here in Davao.</p> <p><b>Mr. Ebert T. Bautista, Gaia South Inc.</b></p> <p>Yes. It will be provided.</p>
<b>Mr. Ardeo Armentano</b> <i>CENRO</i>	<p>What is the manpower in Mariveles Plant?</p> <p>What will you do to the bags that can't be repaired?</p> <p>Some bought one (1) ton bags for furniture-making.</p>	<p><b>Mr. Raymundo Cruz, Philcement</b></p> <p>I have 50 people in my organization. The operation support staff such as drivers and utilities were not yet included. So more or less total of 150-200 employees.</p> <p>We also have Corporate Social Responsibility (CSR) projects that we want to put up in Mariveles and we can implement it this coming March.</p> <p>One CSR project is the reuse and recycle of big bags from the cement packaging. We will provide trainings to local community members on how to sew and repair the bags then we will buy the finished product from them. We target to involve the single parent association in this CSR project.</p> <p>Definitely, we will dispose the bags since the logo and name of the company is embossed with it.</p> <p>There is someone who will buy the unrepaired bags and recycles for other purposes. We can</p>

Name	Issues/Concerns/Notes	Response
	Does your plant in free port Mariveles Bataan exempted from income tax? How about here in Davao Plant?	also explore other options to reuse to the bags.  Yes, the plant in Mariveles is income tax exempted but not here in Davao.
<b>Curtis Lazarraga</b> <i>City Health Office</i>	Who conducts monitoring and site inspection?  Where will the MMT come from? Can we conduct the site inspection and audit during the construction and operation?  In my opinion, your ECC would not require the locals as MMT. But I think from your end, if you want, it can possible for the locals to be the MMT.	<b>Mr. Ebert T. Bautista, Gaia South Inc.</b>  The site inspection and audit will be conducted by the multi-sectoral monitoring team (MMT).  Yes, you will become part of the MMT. We will be informed about its members later on. It is better if the MMT will be rationalized.  <b>Ms. Zita Balogo</b>  It is also better if the MMT are the locals. Because if there is an issue, we can address it easily.
<b>Julivic Jamero</b> <i>City Administration Office</i>	Just like other plants, the warehouses are elevated. What is the difference in elevation from the barangay road to the warehouse location?	<b>Mr. Robert Anthony Te, Philcement</b>  We have an existing warehouse right now. From the highway, it has an approximately 10-15 degrees difference. The roads were properly concreted from the highway going to the warehouse.  <b>Ms. Zita Balogo</b>  Based on the design, there is no specific elevation required. But we always wanted it to be higher than the normal road to prevent the cement from getting wet so most of the cement warehouses are elevated.
<b>Curtis Lazarraga</b> <i>City Health Office</i>	I would suggest that you include the committee on environment of the Sanggunian led by Councilor Diosdado Mahipus Jr. to the scoping activity.  We also have Kinaiyahan Foundation (KFI) who are into environmental advocacies.	<b>Mr. Ebert T. Bautista, Gaia South Inc.</b>  Yes, we will take note of that.
<b>Francis Mark H. Layog</b> <i>Chief of Staff– Office of the Vice Mayor</i>	What the timeline of the project?	<b>Mr. Ebert T. Bautista, Gaia South Inc.</b>  We target to conduct the scoping exercises this March. The scoping will aim to gather the relevant views of the stakeholders on the proposed project. After the scoping, a meeting will be held at the central office with the technical experts. When we got these two (2) scoping meetings, we can proceed with the conduct of the study and it will take probably around three (3) to (4) months including writing. After the conduct of study, EMB will

Name	Issues/Concerns/Notes	Response
		review the report and we will address their comments until the issuance of ECC.

## Annex 1 Photo-documentation



The IEC activity with the Council Members of Barangay Ilang



Barangay Ilang Council led by Hon. Captain Amado Babo during the site visit.



Presentation of the proposed project with the Davao City Investment and Promotion Center with Mr. Art Milan, President of the Davao Chamber of Commerce.



The IEC activity with Davao City Council Members

**Annex 2**  
**Sample of IEC Material**  
**(Local dialect)**

## PHINMA Group of Companies

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BY WYNDHAM  
A PHINMA COMPANY



ICI  
Integrative competitive intelligence



PHILCEMENT  
A PHINMA COMPANY

## PROPOSED Philcement Davao Terminal Project and Relocation of UGC Plant

Barangay Ilang, Bunawan District, Davao City



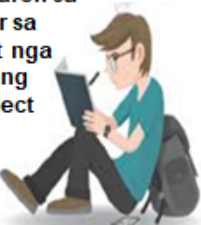
Source: www.philcement.com.ph/terminal-1.html




Unsa man ang  
Information, Education  
and Communication  
(IEC) nga kampanya?


Kini usa ka paagi sa Philcement Corporation para sa mga residente, lokal nga opisyal sa munisipyo ug barangay aron sa paghimo og pamilyar sa kasayuran sa gisugyot nga proyekto nga mao ang Davao Terminal Project

**Davao Terminal Project**



**\*Relocation of the UGC Plant (same capacity) within the property of Phinma in Brgy. Ilang.**

### Posible nga benepisyo sa komunidad



- Oportunidad alang sa trabaho
- Pagpauswag sa mga kahanas sa mga trabahante
- Dugang nga kita alang sa mga lokal nga negosyo tungod sa pagdugang sa suholan sa mga mamumuo sa lugar
- Pagtaas sa mga lokal nga buhis nga mohimong magamit alang sa mga proyekto sa pagpalambo sa komunidad
- Potensyal alang sa mga proyekto sa katilingban sa katilingban

Gamiton sa Philcement ang "total enclosed" system conveyor gikan sa pantalan aron magdala sa semento sa silo.

Ang pasilidad diin itago ang mga bag sa semento adunay atop aron dili kini negatibo makaapekto sa kalidad sa hangin ug kahimsog sa mga trabahante ug residente sa kasilinganan.

Ang mga trak nga magdala sa semento sa mga kliyente kinahanglan nga tabunan sa canvas / tarpaulin aron maibanan ang pagtubo, mahawan ang abog ug mapadayon ang kalidad sa hangin sa lugar.



### Plant Layout for Philcement and UGC



## Pahibaloa kami sa proyekto

Ang gisugyot nga Davao Terminal Project ipahimutang sa sulod sa halos 1.68 nga ektaryang yuta sa Brgy. Ilang, Bunawan District, Davao City (existing area of UCG Polyurethane Sandwich Panel Plant) sa Brgy. Ilang, Bunawan District, Davao City.

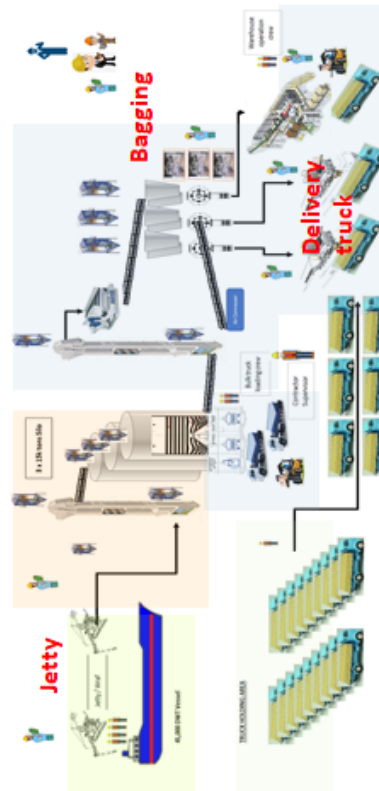


Gamiton sa Philcement ang terminal aron sa pag-pack sa semento sa temporaryo nga pagtipig sa mga bag sa semento sa dili pa ibaligya. Ang terminal adunay tinguig nga kapasidad sa pagtipig nga 1.5 MMT/yr.



Gisiguro sa Philcement nga ang gisugyot nga proyekto wala'y dautang epekto sa kalikopan ug sa komunidad. Hugot nga ipatuman ang operasyon sa mga naa karon nga balaod ug sumbanan

## Ang operasyon ng Philcement Corporation




### Sample of IEC Material (Tagalog Version)


**Ano ang Information, Education, and Communication (IEC) Campaign?**

Ito ay isang hakbang ng Philcement Corporation upang maipabatid sa mga residente, opisyal ng bayan at barangay ang mga tamang kaalaman tungkol sa plano nitong proyekto na

**Davao Terminal Project**



**Mga maaring benepisyo sa pamayanan:**



- Pagkakaroon ng oportunidad na makapagtrabaho.
- Mapaghusay ang kalidad ng kaalaman ng mga manggagawa.
- Karagdagang kita para sa mga lokal na negosyo dahil sa pagtaas ng antas ng kita ng mga empleyado mula sa lugar.
- Karagdagang pondo para sa lokal na buwis na maaaring magamit para sa mga pampamayanang proyekto.
- Potensyal na pagkakaroon ng mga community social projects.

Gagamit ang Philcement ng *“totally enclosed” conveyor system* mula sa pantalan kung saan magmumula ang semento hanggang sa silo.

Ang pasilidad kung saan ilalagay sa sako ang semento ay mayroon ring bubong upang hindi ito makakaapekto sa hangin at masiguro ang kalusugan ng mga empleyado at residente na nakatira malapit sa pasilidad.

Ang mga trak na magdadala ng sako ng semento sa mga kliyente ng Philcement ay lalagyan din ng canvas/telon upang maiwasan ang pagkatapon nito, maiwasan ang alikabok, at mapanatili ang malinis na hangin sa lugar.

[illegible]

# PHINMA Group of Companies

**PHINMA**  
*Making Lives Better*



## Alamin natin ang PROYEKTO

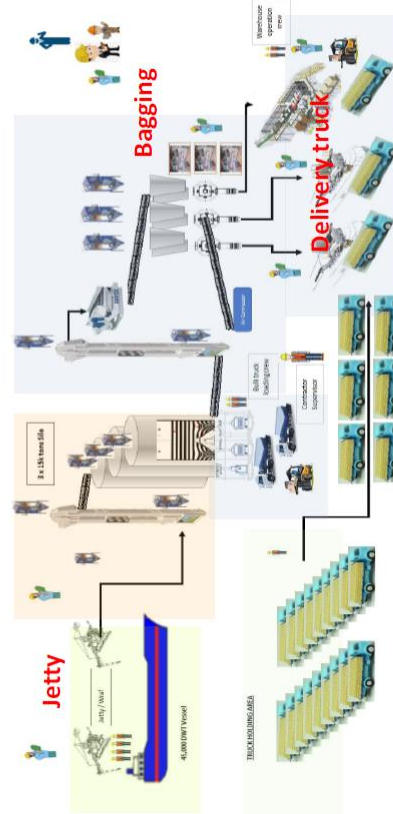
Ang Davao Terminal Project ng Philcement ay itatayo sa mahigit-kumulang na 1.8 ektaryang lupain sa loob ng kasalukuyang UCG Davao Polyurethane Sandwich Panel Plant sa Brgy. Ilang, Bunawan District, Davao City

Gagamitin ng Philcement ang terminal sa paglalagay ng semento sa sako at pansamantalang imbakan bago dalhin sa merkado. May kapasidad itong mag-imbak ng 1.5 MMT semento kada taon.



Sinisuguro ng Philcement na hindi magdudulot ng masamang epekto ang proyekto sa kapaligiran at tao. Ang operasyon ay gagawin ayon sa nakatakdang batas o pamantayan ng gobyerno.

## Ang operasyon ng Philcement Corporation



**Annex 3  
Presentation Materials**

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# **Proposed Philcement Davao Cement Terminal Facility & Relocation of UGC Plant**

February 2020



## Phinma Group of Companies



**CONSTRUCTION MANAGEMENT GROUP**



# The Company

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**PHILCEMENT**  
A PHINMA COMPANY

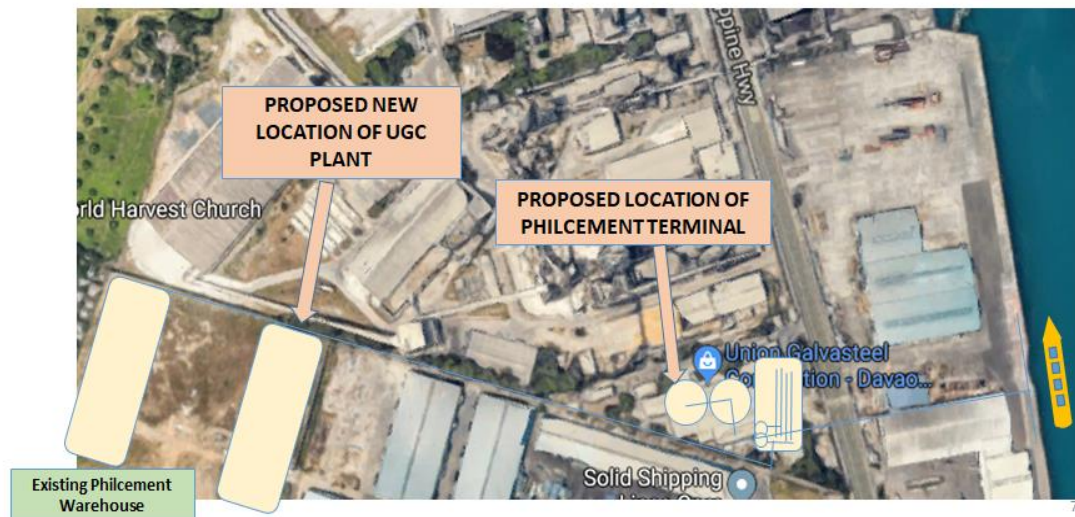
# Video

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**PHILCEMENT**  
A PHINMA COMPANY

## Plant Layout for Philcement and UGC



## Current Activities

- In the process of simultaneous application for Environmental Compliance Certificate (ECC) for:
  - UGC relocation (EMB Regional Office)
  - New Davao Terminal Project (EMB Central Office)
- Conduct of Information Education and Communication (IEC) Campaign (ECC application requirement)
  - Barangay Ilang Council – October 11 2019
  - Barangay Ilang Council Site Visit – October 14 2019
  - Barangay Ilang Public Presentation – November 8 2019
  - Barangay Ilang Council Regular Session – November 15 2019
  - Davao Chamber of Commerce – October 2019

## Current Activities

The Barangay Ilang Council moved to pass Barangay Resolution interposing  
**NO OBJECTION** to the project



## Current Activities



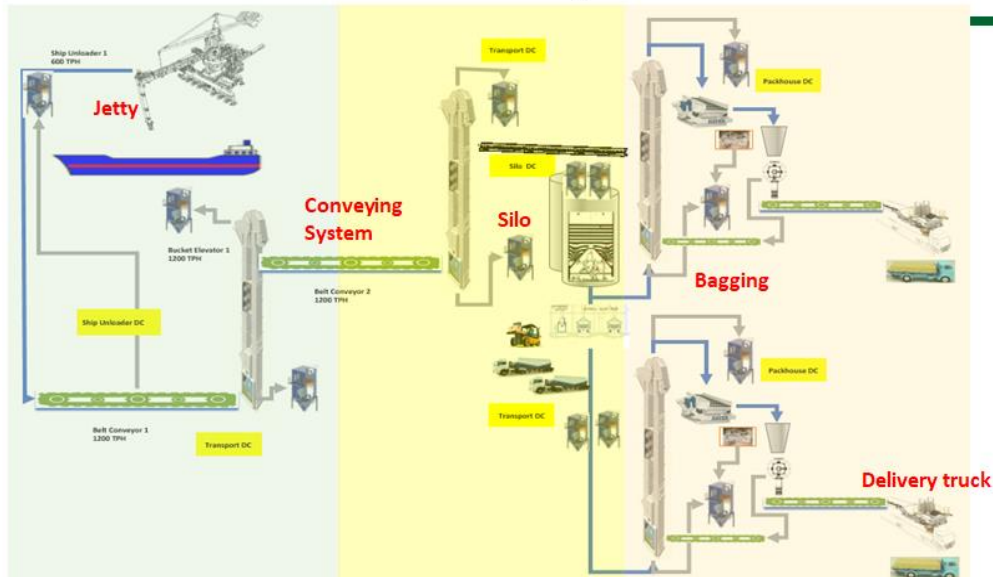
The Barangay Ilang Council visited the project site

## Current Activities

### Presentation of project to Davao Chamber of Commerce



## Overview of Davao Operations



## Ship Unloader with Fully Seal Belt Conveyor



- used for loading bulk solid materials (iron ore, coal, fertilizers, grains and/or material in bags) into ships;
- commonly used in ports and jetties from where bulk materials are exported;
- Deliver high rated capacities, excellent through-ship performance and low environmental impact

## Ship Unloader with Fully Seal Belt Conveyor



- Totally-enclosed conveying technology
- Used in almost all bulk Cement unloading jobs in the world
- Same installation in Philcement, Mariveles Terminal, Marivels Grains Terminal and Masinloc Power Plant

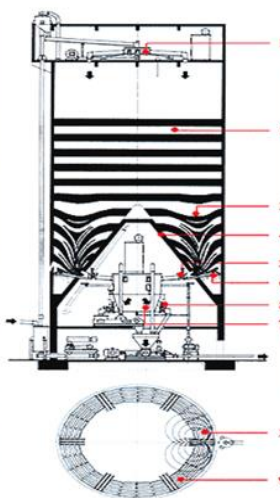
## Transport System

Totally enclosed



## Cement Storage and extraction

Silo



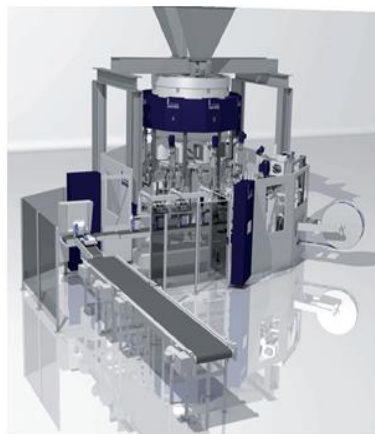
Totally enclosed



## Cement Bagging



Within a covered facility



## Product Loading: Trucks and Palletes

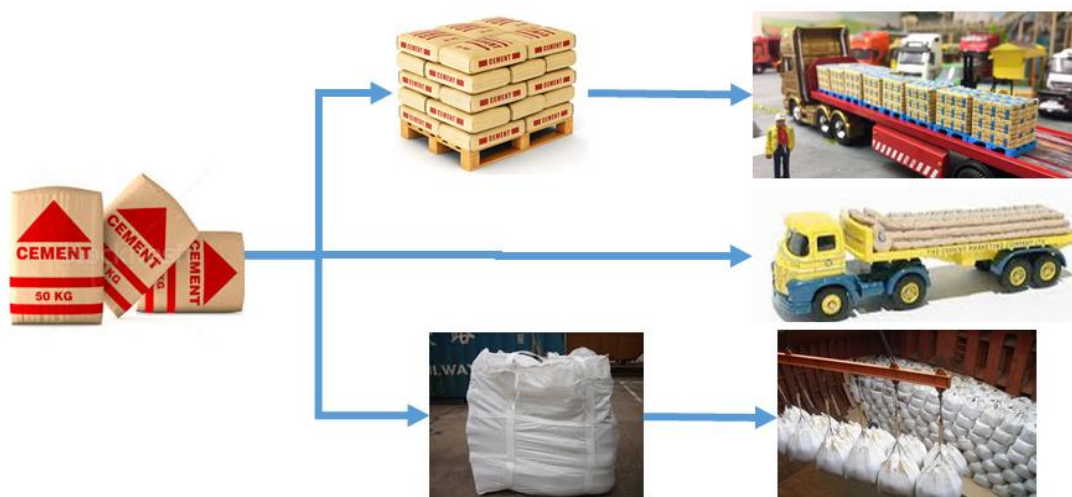


Within a covered facility

## Products: Bagged and Bulk Cement



## Bagged Cement via truck and ship



# Pre-Construction Activities

## Pre-Construction Activities

- ✓ Data gathering and mapping
- ✓ Planning
- ✓ Site visit and investigation
- ✓ Environmental Compliance Certificate (ECC)



**Environmental Effect: NONE**

## Pre-Construction Activities

- ✓ Boundary limit establishment  
- Staking/boundary marking



**Environmental Effect: NONE**

## Pre-Construction Activities

- ✓ Geotechnical and geohazard studies
- ✓ Foundation design



**Environmental Effect: NONE**

# Construction Activities

## Construction Activities



✓ Manpower available for local residents



**Environmental Effect: *Positive***

## Construction Activities



- ✓ Mobilization
- Equipment/material preparation and transport

**Environmental Effect:**  
*Minimal*

**Mitigation/Management Measure:**

- ✓ Allot a specific area for equipment/motorpool
- ✓ Ensure proper drainage system in the area
- ✓ Ensure regular equipment maintenance

## Construction Activities



- ✓ Site Preparation
  - Site clearing (cleaning up the area)  
approx. 1.68 hectares

**Environmental Effect:**  
*Minimal*

**Mitigation/Management Measure:**

- ✓ Clearing should be done only within the boundary

## Construction Activities



- ✓ Site Preparation
  - Minor grading and compacting

**Environmental Effect:**  
*Minimal*

**Mitigation/Management Measure:**

- ✓ Slope stabilization
- ✓ Erosion control
- ✓ Proper schedule implementation

[illegible]

## Construction Activities



- ✓ Excavation, foundation installation and curing, backfilling
- Diggings
- Erosion control
- Design assembly/installation
- Cementing and backfilling

**Environmental Effect:**  
*Minimal soil disturbance*

**Mitigation/Management Measure:**

- ✓ Soil stabilization
- ✓ Erosion control

[illegible]

## Construction Activities



- ✓ Site clearing and demobilization
- Removal of all equipment and construction squanders

**Environmental Effect:**  
*Nil to minimal*

**Mitigation/Management Measure:**

- ✓ Proper schedule implementation
- ✓ Ensure proper disposal of squanders

[illegible]

## Operations and Maintenance Activities

## Operations and Maintenance Activities

- ✓ local employment
- Construction Period: approx. 300
- Operation Period: approx. 100



### Environmental and Social Effect: *Positive*

## Operations and Maintenance Activities

- ✓ Erosion Control
  - Slope stabilization
  - Run-off minimization
  - Revegetation and landscaping, *if necessary*



**Environmental Effect: *Positive***

## Operations and Maintenance Activities

- ✓ Site inspection and audit
  - Conduct of regular site inspection and audit to ensure smooth operation and compliance with existing laws



**Environmental Effect: Positive**

## Operations and Maintenance Activities

- ✓ Increase contribution to local taxes through permits and social projects



**Environmental Effect: Positive**



## Video

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**PHILCEMENT**  
A PHINMA COMPANY

## Annex 4 Attendance Sheet



### IEC MEETING for the proposed Davao Terminal Project of Philcement Corporation

Barangay Hall, Barangay Ilang, Davao City  
October 11, 2019  
2:00 pm

No	Name	Barangay/Position/ Organization	Contact Details	Signature
1	Adrian, Terabonica N.	SK. Chairperson	0955 548 4779	
2	DICANG, MAGDALENA W.	ILANG/KAGANAD	0923-1780-736	
3	BABAO, Godofredo	KAG.	09282137119	
4	Susana J. Tumbong	KAG.	09282176226	
5	LITO D. Padilla	KAG.	09051374348	
6	ALVIN G. BERNARD	KAG.	0975-0047987	
7	Walter P. Hing	KAG.	09157009484	
8	Peterson B. Belles	Bar. Sec.	0950-32777-52	
9	Henry J. Liron - Belles	Gaia South	843-0001	
10	Robert F. Brubaker	Gaia South		
11	Raymundo Cruz	Philcement		
12	Kathryn Sula	U6 C		
13	Zita Balago	Philcement		
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Republic of the Philippines  
**BARANGAY ILANG**  
OFFICE OF THE BARANGAY COUNCIL  
Bunawan District, Davao City  
Tel No. 238-0133



DATE: NOVEMBER 8, 2019

**REGULAR SESSION**

NO.	NAME	ADDRESS	SIGNATURE
I	Minda A. Luis	PRK 31 Ocean View Pkett	<i>[Signature]</i>
2	Chona Siarot	Purok 33 Grand Canal	<i>[Signature]</i>
3	Orlyn Quilicot	Park - 14 - Pagasa	<i>[Signature]</i>
4	Jenny G. Suan	Park - 76 Seabreeze	<i>[Signature]</i>
5	Corazon D. Bonda	Park - 77 St. Vincent	<i>[Signature]</i>
6	Arcene Sanico	Ipa Hills	<i>[Signature]</i>
7	Lilybeth Salog	Park 34 Greenhills	<i>[Signature]</i>
8	Vivacelina Suarez	Park 15 Pagasa	<i>[Signature]</i>
9	Joan Dalumpines	P-32 SPV Overhills	<i>[Signature]</i>
10	Leonora Lamanilao	P-33 Kobbler	<i>[Signature]</i>
11	JULIET VILAMOR	P-23-Overview ILANG	<i>[Signature]</i>
12	Michelle Radaza	Pk Bugac Ilang	<i>[Signature]</i>
13	Cynthia Alaba	Bugac, Ilang	<i>[Signature]</i>
14	Anecita Cabahit	Bugac, Ilang D.C.	<i>[Signature]</i>
15	Pamela Sol Uyegre	<del>Park 15 N.S.V</del>	<i>[Signature]</i>
16	Virginia Serrera	Park 30 N.S.V	<i>[Signature]</i>
17	Lorna S. Meliso	Park 25 Cabayagan	<i>[Signature]</i>
18	Janeta B. Vargas	P2A, Contrate	<i>[Signature]</i>
19	Louzdes D. Villacian	Park 2 D ILANG	<i>[Signature]</i>
20	Manivel G. Myles	Park 42 Maria Trinidad	<i>[Signature]</i>
21	ZITA D. BALOG	Rep. PHILCEMENT	<i>[Signature]</i>
22	SHARINE MARIE F. TEFILLO	UNION COMMASPEEL	<i>[Signature]</i>



Republic of the Philippines  
**BARANGAY ILANG**  
**OFFICE OF THE BARANGAY COUNCIL**  
Bunawan District, Davao City  
Tel No. 238-0133



DATE: NOVEMBER 15, 2019

**REGULAR SESSION**

NO.	NAME	ADDRESS	SIGNATURE
1.	Annabel D. Centra	Psk 21 Central	<i>[Signature]</i>
2	Ma. Cecilia Pascual	" " "	<i>[Signature]</i>
3.	Pamela Alpeche	Psk. 27 Farmville	<i>[Signature]</i>
4.	Merlinda Tabano	Psk. 27 Farmville	<i>M. Tabano</i>
5.	Kim Delos Reyes	Psk. 27 Farmville	
6.	Ulma Caligaran	Psk. 27 Farmville	<i>[Signature]</i>
7	Ray Catubox	Psk. 27 Farmville	<i>[Signature]</i>
8	Benjie C. Juario	Psk 27 Farmville	<i>[Signature]</i>
9	Bisnat Edwin G.	Psk 27 Farmville	<i>[Signature]</i>
10.	Fe Lomasag	Psk 27 Farmville	<i>[Signature]</i>
11	<del>CRISTOPHER CASO</del>	<del>PRK-38</del>	<i>[Signature]</i>
12.	Marilyn S. Hamil	PRK-33 Grand Canal	<i>[Signature]</i>
13	Marilyn Suarez	Grand Canal	<i>[Signature]</i>
14	Fernando P. Arago	Grand Canal	<i>[Signature]</i>
15	Violeta P. Arago	002 Purok 31	<i>[Signature]</i>
16	Charlie M. Aguirre	Purok 31 OVP II	<i>[Signature]</i>
17.	Delaine C. Alarido	Purok 31 OVP II	<i>[Signature]</i>
18.	CHARLES GAMAD	VCU	<i>[Signature]</i>
19	Eulito Goloran	P33 Grand Villa	<i>[Signature]</i>
20	Jacinto Floresosog	P37 St Vincent	<i>[Signature]</i>
21	RICHARD X. PESNERA	PRK 37 ST VINCENT	<i>[Signature]</i>
22	Juliet R. Lagimera	Psk. 35 Mt. Breeze	<i>[Signature]</i>
23	CLEMENTE CERVANTES	PRK 35 "	<i>[Signature]</i>



Republic of the Philippines  
**BARANGAY ILANG**  
OFFICE OF THE BARANGAY COUNCIL  
Bunawan District, Davao City  
Tel No. 238-0133



DATE: NOVEMBER 15, 2019

REGULAR SESSION

NO.	NAME	ADDRESS	SIGNATURE
25.	Analee M. Bernasal	Purok 2a Ocean View	
26.	Marilyn C. Aguacito	PK- 2a Ocean View	
27.	SEORILYN A. LERMA	PR. 36 SET BROOKS	
28.	ROSITA S. DECARO	" "	
29.	RUDY S. AQUINOSA	" "	
30.	Carmencita A. Uvao	Pk 34 Greenhill	
31.	Florientina R. Baya	Pk 34 Greenhill	
32.	Nylen A. Uvao	Pk 34 Greenhill	
33.	Lilibeth P. Manlagan	Pk 37 St Vincent	
34.	Maribel G. Malones	PR. 42 Maria Trinidad Homes	
35.	MARCELINE B. PANALIGAN	PR Purok 38 Kober	
36.	Roselle S. Dolanpinas	P. 38 Kober	
37.	Helen M. Bayog	PR 43 Victoria Christian	
38.	MARILYN J. OMBAY	FORAMINE, NAME D.C.	
39.	JOAN B. ORTIZ	AMPARO VILLAGE/LANS	
40.	LORNA N. GULAY	FADEROGAO UPPER LANS	
41.	RUTH B. MEMORACION	AMPARO HOMES	
42.	JEAN A. ATON	BUGA C	
43.	CARMENCITA ANDOY	NSV 3A	
44.	Elizabeth M. Luchanoy	ONKADIN	
45.	Louisa B. Licat	ONABII	
46.	metchie Lou Licat	ONABII	



**IEC MEETING**  
for the proposed  
**Philcement Davao Terminal Project**  
and Relocation of UGC Plant

Date: FEB 19, 2020

Venue: GRAND MENSEN HOTEL

Participants: CITY COUNCIL

No	Name	Barangay/Position/ Organization	Contact Details	Signature
1	<i>[Signature]</i>	<i>[Signature]</i>	0938911001	<i>[Signature]</i>
2	AN ARIZUA	CITY ADMIN	09450162132	<i>[Signature]</i>
3	CURTIS C. UYARRAGA	CITY ADMIN	09169462970	<i>[Signature]</i>
4	CRISTO E. GUYOT	COUNCIL	0942-0917-118	<i>[Signature]</i>
5	MONCE, ALCANTARA	COUNCIL	09123976791	<i>[Signature]</i>
6	MASANGILAN, RAYN S.	CITY	09119-201-8760	<i>[Signature]</i>
7	CAINTIC, MILORNO	CARD	09954769690	<i>[Signature]</i>
8	MARION, LUC F.	CARD	0995-8911-662	<i>[Signature]</i>
9	HINSONG, MARILYN P.	CARD	09154087490	<i>[Signature]</i>
10	JAMERO, JULIE	CITY ADMIN.	0907-722-4550	<i>[Signature]</i>
11	DIANNE DELS REYES	VMO	09358544024	<i>[Signature]</i>
12	LAREN S. APAT	VMO	09332523541	<i>[Signature]</i>
13	<i>[Signature]</i>	KPI	09169721903	<i>[Signature]</i>
14	CHRISTIAN D. CAMBAYAN	Acting OIC-DEPIC	09432145187	<i>[Signature]</i>
15	FRANCIS MARK H. LAYAN	COS-Vice Mayor's Office	0917 701 8782	<i>[Signature]</i>
16	MARCELO MARCELO C. MORALES	UGC	09778183169	<i>[Signature]</i>
17	ROBERT ANTHONY TE	Philcement /	0917-708 0828	<i>[Signature]</i>
18	ERWIN TON GONZALES	UGC	0917-8997776	<i>[Signature]</i>
19	MARC GONZALES	Philcement	09158140766	<i>[Signature]</i>
20	RAYMOND T. CAYAN	Philcement	0918 887791	<i>[Signature]</i>

Pahintulot para sa Koleksyon, Paggamit, at Pagproseso  
ng Personal na Impormasyon, Mga Larawan, at Mga Video  
sa araw ng IEC Meeting 19 ng Pebrero 2020  
sa \_\_\_\_\_

Sa pamamagitan ng pagpipirma sa sheet attendance na ito, ibinibigay ko ang aking pahintulot (i) sa Philcement Corporation at Union Galvasteel Corporation, ang kanyang pangunahin, kaakibat, at mga kaugnay na kumpanya, at ang kani-kanilang mga empleyado at kinatawan, at ang kanilang awtorisadong tagapagbigay ng serbisyo (na maaaring nasa labas ng Pilipinas), kung mayroon man; (ii) upang mangolekta, mag-imbak, gumamit, at / o iproseso ang aking personal na impormasyon (hal. pangalan, ID, edad, address, e-mail, numero ng contact, larawan, video, mano-mano man o elektroniko; (iii) para sa panahon na pinapayagan sa ilalim ng mga naaangkop na batas at regulasyon; (iv) para sa mga layunin ng dokumentasyon, pagsusuri ng data, publikidad (kabilang ang sa print, social media, telebisyon at radyo), press release, pagbabahagi ng data, mga programa sa marketing at pag-promote, pagtanggap ng mga abiso at mga update, pag-uulat.



**IEC MEETING  
for the proposed  
Philcement Davao Terminal Project  
and Relocation of UGC Plant**

Date: FEB 19 2020

Venue: GRAND MENCENIZ HOTEL

Participants: CDM CRUNCH

No	Name	Barangay/Position/ Organization	Contact Details	Signature
1	ZITA BALOG	Zebic Consulting	09176358111	
2	ERBEN BATISTA	GAIA SOUTH	09175368960	
3	KRISTINE LASMARIS	GAIA SOUTH INC	09061085720	
4				
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Pahintulot para sa Koleksyon, Paggamit, at Pagproseso  
ng Personal na Impormasyon, Mga Larawan, at Mga Video  
sa araw ng IEC Meeting 19 ng Pebrero 2020  
sa \_\_\_\_\_

Sa pamamagitan ng pagpirma sa sheet attendance na ito, ibinibigay ko ang aking pahintulot (i) sa Philcement Corporation at Union Galvasteel Corporation, ang kanyang pangunahin, kaakibat, at mga kaugnay na kumpanya, at ang kani-kanilang mga empleyado at kinatawan, at ang kanilang awtorisadong tagapagbigay ng serbisyo (na maaaring nasa labas ng Pilipinas), kung mayroon man; (ii) upang mangolekta, mag-imbak, gumamit, at / o iproseso ang aking personal na impormasyon (hal. pangalan, ID, edad, address, e-mail, numero ng contact, larawan, video, mano-mano man o elektroniko; (iii) para sa panahon na pinapayagan sa ilalim ng mga naaangkop na batas at regulasyon; (iv) para sa mga layunin ng dokumentasyon, pagsusuri ng data, publisidad (kabilang ang sa print, social media, telebisyon at radyo), press release, pagbabahagi ng data, mga programa sa marketing at pag-promote, pagtanggap ng mga abiso at mga update, pag-uulat.



**IEC MEETING  
for the proposed  
Philcement Davao Terminal Project  
and Relocation of UGC Plant**

Date: FEB 19, 2020

Venue: GRAND MENSENLE HOTEL

Participants: CITY COUNCIL

No	Name	Barangay/Position/ Organization	Contact Details	Signature
1	<i>Dr. Arden Aragon</i>	<i>Conce</i>	<i>09389110001</i>	<i>[Signature]</i>
2	ANU ARIENZA	CITY ADMIN	09450162132	<i>[Signature]</i>
3	CURTIS C. CATARRAGA	CITY ADMIN	09169462970	<i>[Signature]</i>
4	CHRIS E. GUT	CONCE	0942-0197-118	<i>[Signature]</i>
5	MONCE, ANILAYINIA	CONCE	09123976791	<i>[Signature]</i>
6	MASANGALIN, RAYN S.	CHD	0119-209-8760	<i>[Signature]</i>
7	CAINTIC, MELONED	CARD	09954769090	<i>[Signature]</i>
8	MARION, LUY F.	CARD	0995-8911-662	<i>[Signature]</i>
9	HINONG, MARILYN P.	CARD	09154087490	<i>[Signature]</i>
10	JAMERO, JULVIE	CITY ADMIN.	0907-722-4550	<i>[Signature]</i>
11	DIANNE DELOS REYES	VMO	09358544024	<i>[Signature]</i>
12	LAREN S. APAT	VMO	09332523541	<i>[Signature]</i>
13	<i>Evangelina Nolasco</i>	<i>KFI</i>	<i>09169721903</i>	<i>[Signature]</i>
14	Christian D. Cambanga	Acting OIC-DEPIC	09432145187	<i>[Signature]</i>
15	Francis Mark H. Lanza	COS-Vice Mayor's Office	09172018782	<i>[Signature]</i>
16	OMSKY MARIN O. BERNAL	UGC	09771183690	<i>[Signature]</i>
17	ROBERT ANTHONY TE	Philcement	0917-708 0828	<i>[Signature]</i>
18	ERWIN TANCO	UGC	0917-8997776	<i>[Signature]</i>
19	MARC GONZALES	Philcement	09158740756	<i>[Signature]</i>
20	ROLYMUNE Z. CAN	Philcement	0918-855591	<i>[Signature]</i>

Pahintulot para sa Koleksyon, Paggamit, at Pagproseso  
ng Personal na Impormasyon, Mga Larawan, at Mga Video  
sa araw ng IEC Meeting 19 ng Pebrero 2020  
sa \_\_\_\_\_

Sa pamamagitan ng pagpirma sa sheet attendance na ito, ibinibigay ko ang aking pahintulot (i) sa Philcement Corporation at Union Galvasteel Corporation, ang kanyang pangunahin, kaakibat, at mga kaugnay na kumpanya, at ang kani-kanilang mga empleyado at kinatawan, at ang kanilang awtorisadong tagapagbigay ng serbisyo (na maaaring nasa labas ng Pilipinas), kung mayroon man; (ii) upang mangolekta, mag-imbak, gumamit, at / o iproseso ang aking personal na impormasyon (hal. pangalan, ID, edad, address, e-mail, numero ng contact, larawan, video, mano-mano man o elektroniko; (iii) para sa panahon na pinapayagan sa ilalim ng mga naaangkop na batas at regulasyon; (iv) para sa mga layunin ng dokumentasyon, pagsusuri ng data, publikidad (kabilang ang sa print, social media, telebisyon at radyo), press release, pagbabahagi ng data, mga programa sa marketing at pag-promote, pagtanggap ng mga abiso at mga update, pag-uulat.

## Annex 5 Received Invitation Letter



February 7, 2020

HON. MAYOR SARA DUTERTE-CARPIO

THRU: Atty. Zulieka Lopez  
City Administrator

Dear Hon. Mayor Duterte-Carpio

Good day!

**Philcement Corporation and Union GalvaSteel Corporation (UGC)** are members of the Phinma Group of Companies. The Phinma Group has been operating in Davao City for more than 50 years now. As part of our continued commitment to helping build a stronger nation and to support the development of Mindanao, we are in the preparatory stage for the expansion projects of our business operations and facilities located in Barangay Ilang, Davao City, as follows:

1. **Relocation and rehabilitation of the Union GalvaSteel Corporation (UGC)** roofing materials production facilities, and
2. **Installation of a Cement Terminal.** Philcement Corporation invests in world-class cement terminals fully equipped with high-rated technology for the efficient delivery of premium cement products to various customers in the country.

As part of the Company's preparation, we would like to present the **Plans and Descriptions** of the above projects before your office and the Sangguniang Bayan Members on **February 19, 2020 at 10 a.m.** This Information, Education, and Communication (IEC) campaign is one of the requirements of the Department of Environment and Natural Resources (DENR) for the intended **Environmental Compliance Certificate (ECC)** application of **PhilCement and UGC** for the Projects mentioned above.

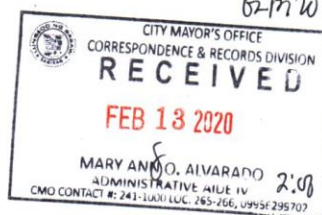
In connection with this, we are also inviting representatives from the following departments to attend the project presentation:

- City Environment and Natural Resources Office (CENRO)
- City Planning and Development Office (CPDO)
- City Health Office (CHO)
- City Administrator
- City Investment Office

Thank you, and looking forward to your favorable response.

Yours truly,

RAYMUNDO T. CRUZ, JR  
Asst. Vice President, Plant Management  
Philcement Corporation, Phinma Group of Companies





February 7, 2020

HON. VICE MAYOR SEBASTIAN DUTERTE

THRU: Atty. Francis Mark Layog  
Chief of Staff

Dear Hon. Vice Mayor Duterte:

Good day!

**Philcement Corporation** and **Union GalvaSteel Corporation (UGC)** are members of the **Phinma Group of Companies**. The **Phinma Group** has been operating in **Davao City** for more than 50 years now. As part of our continued commitment to helping build a stronger nation and to support the development of **Mindanao**, we are in the preparatory stage for the expansion projects of our business operations and facilities located in Barangay Ilang, Davao City, as follows:

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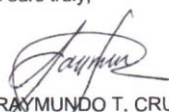
As part of the Company's preparation, we would like to present the **Plans and Descriptions** of the above projects before your office and the **Sangguniang Bayan Members** on **February 18, 2020 at 2 p.m.** This **Information, Education, and Communication (IEC)** campaign is one of the requirements of the **Department of Environment and Natural Resources (DENR)** for the intended **Environmental Compliance Certificate (ECC)** application of **PhilCement and UGC** for the Projects mentioned above.

In connection with this, we are also inviting representatives from the following departments to attend the project presentation:

- City Environment and Natural Resources Office (CENRO)
- City Planning and Development Office (CPDO)
- City Health Office (CHO)
- City Administrator
- City Investment Office

Thank you, and looking forward to your favorable response.

Yours truly,



RAYMUNDO T. CRUZ, JR.  
Asst. Vice President, Plant Management  
Philcement Corporation, Phinma Group of Companies

**VICE MAYOR'S OFFICE**

vmofrontdesk@gmail.com  
222-0855 (local 428)  
0950-563-2727

**RECEIVED**

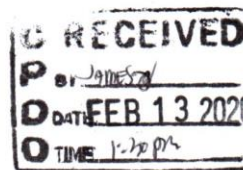
Date: FEB 11 2020 Time: 11:45

By: [Signature]



February 7, 2020

ENGR. IVAN C. CORTEZ  
OFFICER-IN-CHARGE  
DAVAO CITY PLANNING AND DEVELOPMENT OFFICE



241-100066-237

Dear Sir:

Good day!

**Philcement Corporation and Union GalvaSteel Corporation (UGC)** are members of the Phinma Group of Companies. The Phinma Group has been operating in Davao City for more than 50 years now. As part of our continued commitment to helping build a stronger nation and to support the development of Mindanao, we are in the preparatory stage for the expansion projects of our business operations and facilities located in Barangay Ilang, Davao City, as follows:

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As part of the Company's preparation, we would like to present the **Plans and Descriptions** of the above projects before your office and the Sangguniang Bayan Members on **February 19, 2020 at 10 a.m.** This Information, Education, and Communication (IEC) campaign is one of the requirements of the Department of Environment and Natural Resources (DENR) for the intended **Environmental Compliance Certificate (ECC) application of PhilCement and UGC** for the Projects mentioned above.

In connection with this, we would like to invite KINAIYAHAN FOUNDATION to attend in this presentation.

Thank you, and looking forward to your favorable response.

Yours truly,



RAYMUNDO T. CRUZ, JR  
Asst. Vice President, Plant Management  
Philcement Corporation, Phinma Group of Companies



February 7, 2020

MS. APRIL MAE C. DAYAP  
OFFICER -IN -CHARGE  
DAVAO CITY INVESTMENT AND PROMOTION CENTER

Dear Ma'am:

Good day!

**Philcement Corporation and Union GalvaSteel Corporation (UGC)** are members of the Phinma Group of Companies. The Phinma Group has been operating in Davao City for more than 50 years now. As part of our continued commitment to helping build a stronger nation and to support the development of Mindanao, we are in the preparatory stage for the expansion projects of our business operations and facilities located in Barangay Ilang, Davao City, as follows:

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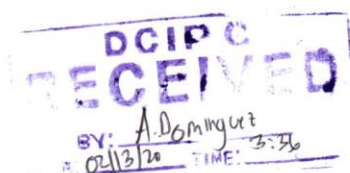
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In connection with this, we would like to invite KINAIYAHAN FOUNDATION to attend in this presentation.

Thank you, and looking forward to your favorable response.

Yours truly,

RAYMUNDO T. CRUZ, JR  
Asst. Vice President, Plant Management  
Philcement Corporation, Phinma Group of Companies



227-2860

we at 70/80



February 7, 2020

DR. JOSEPHINE J. VILLAFUERTE  
OFFICER-IN-CHARGE  
DAVAO CITY HEALTH OFFICE

Dear Ma'am:

Good day!

**Philcement Corporation** and **Union GalvaSteel Corporation (UGC)** are members of the **Phinma Group of Companies**. The **Phinma Group** has been operating in **Davao City** for more than 50 years now. As part of our continued commitment to helping build a stronger nation and to support the development of **Mindanao**, we are in the preparatory stage for the expansion projects of our business operations and facilities located in Barangay Ilang, Davao City, as follows:

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As part of the Company's preparation, we would like to present the **Plans and Descriptions** of the above projects before your office and the Sangguniang Bayan Members on **February 19, 2020 at 10 a.m.** This Information, Education, and Communication (IEC) campaign is one of the requirements of the Department of Environment and Natural Resources (DENR) for the intended **Environmental Compliance Certificate (ECC) application of PhilCement and UGC** for the Projects mentioned above.

In connection with this, we would like to invite **KINAIYAHAN FOUNDATION** to attend in this presentation.

Thank you, and looking forward to your favorable response.

Yours truly,



RAYMUNDO T. CRUZ, JR  
Asst. Vice President, Plant Management  
Philcement Corporation, Phinma Group of Companies

  
CURTIS C. LAZARRAGA  
ENVIRONMENTAL SANITATION  
CHIEF

Feb 13, 2020

233-0504

February 7, 2020

HON. COUNCILOR NILO ABELLERA  
CHAIRMAN, TRADE & COMMERCE  
DAVAO CITY COUNCIL



Dear Hon. Councilor Nilo Abellera:

Good day!

**Philcement Corporation** and **Union GalvaSteel Corporation (UGC)** are members of the **Phinma Group of Companies**. The **Phinma Group** has been operating in **Davao City** for more than 50 years now. As part of our continued commitment to helping build a stronger nation and to support the development of **Mindanao**, we are in the preparatory stage for the expansion projects of our business operations and facilities located in Barangay Ilang, Davao City, as follows:

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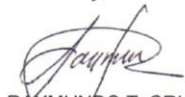
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- City Environment and Natural Resources Office (CENRO)
- City Planning and Development Office (CPDO)
- City Health Office (CHO)
- City Administrator
- City Investment Office

Thank you, and looking forward to your favorable response.

Yours truly,



RAYMUNDO T. CRUZ, JR.  
Asst. Vice President, Plant Management  
Philcement Corporation, Phinma Group of Companies

222-08 JS  
Local 212

## **ATTACHMENT 3**

### **Results of the Pre-Scoping Survey for the Proposed Davao Terminal Project**

**DAVAO TERMINAL PROJECT OF PHILCEMENT  
PRE-SCOPING SURVEY  
BARANGAY ILANG, BUNAWAN DISTRICT, DAVAO CITY**

Direct Impact area: **Barangay Ilang**

Total number of Respondents: **155**

**Respondents' position in the family**

There was a total of 155 respondents covered for the awareness survey. Of this number, majority (90 or 58.06%) were housewives or mothers in the family. On the other hand, there 59 or 38.06% of the interviewees who were heads of the family while only one (1) each identified themselves as sister, son-in-law and son when they were interviewed. There were two (2) relatives, living in the household, served as respondents during the survey.

**Table 1. Respondent's position in the family**

Position	Number	Percentage
Head of the family	59	38.06
Spouse/Housewife	90	58.06
Son-in-law	1	0.65
Sister	1	0.65
Daughter	1	0.65
Relative	2	1.29
Son	1	0.65
<b>Total</b>	<b>155</b>	<b>100.00</b>

**Awareness of Philcement Corporation as a private company in the barangay**

It is worthy to note that there was relatively large number of respondents, 123 or 79.35%, who were not knowledgeable about Philcement Corporation as a private company in their barangay. Only 32 or 20.65% of the respondents were aware of the existence of the said company.

**Table 2. Awareness of Philcement as a private company in the barangay**

Awareness	Number	Percentage
Yes	32	20.65
No	123	79.35
<b>Total</b>	<b>155</b>	<b>100</b>

**Awareness of Philcement Corporation activities being conducted in the barangay**

Of the total number of respondents, there were only 15 or 9.68% who were aware of activities or projects being conducted by Philcement Corporation in their community. The rest, which is 140 or 90.32%, were not cognizant.

**Table 3. Awareness of Philcement Corporation activities conducted in the barangay**

Do you know of any activity implemented by Philcement	Number	Percentage
Yes	15	9.68
No	140	90.32
<b>Total</b>	<b>155</b>	<b>100</b>

### Activities or projects being conducted by Philcement Corporation in the barangay

Of the 155 respondents, there were 10 or 6.45% who mentioned about the proposed Davao Terminal project/repacking of cement while three (3) or 1.94% cited production of cement as an activity of Philcement. There was one (1) or 0.65% of the respondents who pointed out the medical services, such as *Operation Tuli* or circumcision, that are continuously advocated by the company.

**Table 4. Activities or projects being conducted by Philcement Corporation in the barangay**

Activity of Philcement	Number	Percentage
Not Applicable (Do not know any activities/projects of Philcement)	140	90.32
Proposed Davao Terminal Project/ Repacking of Cement	10	6.45
Produce Cement/Cement Plant	3	1.94
Infrastructure projects	1	0.65
Medical Services (Ex. Operation Tuli)	1	0.65
<b>Total</b>	<b>155</b>	<b>100</b>

### Sources of information about the activities of Philcement Corporation conducted in the barangay

The respondents' knowledge of Philcement Corporation's activities being implemented in their barangays was basically through their barangay officials as mentioned by 11 or 7.10%. The other sources of information were from Community Relations Officers of Philcement (2 or 1.29%), acquaintances working in the nearby industries (2 or 1.29%), IEC materials/pamphlets of Philcement (1 or 0.65%), and one of the employees of Philcement (1 or 0.65%).

**Table 5. Sources of information about Philcement Corporation activities in the barangay**

Who made you aware	Number	Percentage
Made aware by the ComRel of Philcement Corporation	2	1.29
Made aware by the acquaintances working in the nearby industries	2	1.29
Made aware by the Barangay Officials	11	7.10
Made aware thru radio, local newspaper, IEC material/pamphlets of Philcement Corporation	1	0.65
Informed by one of the employees of Philcement	1	0.65
Not Applicable (Not aware of any activity/project)	140	90.32
<b>Total</b>	<b>157</b>	<b>101.29</b>

*Note: For this question, some respondents answered more than one from the choices provided thus the total number and percentage exceed the total number of respondents.  
Percentage = Total number/155 \* 100*

### Reasons why respondents are not aware of activities or projects being conducted by Philcement in their barangay

Majority of the responses given by the respondents who were unaware of Philcement's activities mentioned that no one has mentioned about the project activities (113 or 72.90%). Some blamed the barangay officials for not informing them about these activities (23 or 14.84%). The confusion or no notion of who to talk with regarding the projects of Philcement was a situation encountered by the respondents. There were seven (7) or 4.52% who were new to the community hence had no or limited knowledge of what is happening around the locality while 14 or 9.03% reported to be out of the house most of the time. There was one (1) or 0.65% who stated to have been busy in conducting business transactions.

**Table 6. Reasons why respondents are not aware of activities or projects being conducted by Philcement in the barangay**

Why you are not aware	Number	Percentage
New to the community	7	4.52
No one is mentioning about the project	113	72.90
Not at home much	14	9.03
Do not know who to talk to regarding the project of Philcement	13	8.39
No information from barangay officials	23	14.84
	1	0.65
Do not know anything about the company	1	0.65
Not Applicable (Aware of the activity/project)	15	9.68
<b>Total</b>	<b>187</b>	<b>120.65</b>

*Note: For this question, some respondents answered more than one from the choices provided thus the total number and percentage exceeded the total number of respondents.  
Percentage = Total number/155 \* 100*

### Willingness to participate in meetings or other activities that will be conducted by Philcement in connection with their proposed project

Although there was a majority of the respondents who were not aware of Philcement and its activities, there are 135 or 87.10% of the total respondents who were willing to participate in meetings or other activities to be initiated by Philcement in connection with their proposed project. Only 20 or 12.90% expressed a negative response.

**Table 7. Willingness to participate in meetings or other activities that will be conducted by Philcement in connection with their proposed project**

Interested to participate	Number	Percentage
Yes	135	87.10
No	20	12.90
<b>Total</b>	<b>155</b>	<b>100.00</b>

### Perceived positive impacts as a result of the proposed project

The project was perceived to generate employment to local resident as indicated by majority of the reactions of the respondents at 119 or 76.77% of the total responses. Another perceived positive impact was the prevention of pollution (64 or 41.29%) as cement will not be manufactured here but rather the project will merely bag the cement produced elsewhere. The increase in tax collection and

local government revenue was mentioned in 63 or 40.65% of the total replies. The other perceived positive impacts include more community projects and assistance on roads, infrastructure, education, health and livelihood concerns (53 or 34.19%), industrialization of the community (27 or 17.42%), improvement of the environment due to regular monitoring of water and air quality and other environmental parameters (36 or 23.23%), assistance by Philcement in the environmental projects in the community (39 or 25.16%), increased business and livelihood endeavors (19 or 12.26%), increase in land values (9 or 5.81%), and community solidarity (4 or 2.58%).

**Table 8. Perceived positive impacts or benefits as a result of the proposed project**

Positive Impacts	Number	Percentage
None	3	1.94
Improvement of the environment due to regular monitoring of water quality, air quality, etc.	36	23.23
No pollution	64	41.29
Philcement will be able to assist in environmental projects of the barangay/city	39	25.16
employment for some local residents	119	76.77
increase in business/livelihood	19	12.26
industrialization of the community	27	17.42
increase in tax collection and revenue of barangay/municipality	63	40.65
increase in land values	9	5.81
will have more community projects and assistance: roads, infrastructure; assistance to schools, health centers; livelihood development and training	53	34.19
community solidarity	4	2.58
<b>Total</b>	<b>436</b>	<b>281.29</b>

*Note: For this question, some respondents answered more than one from the choices provided thus the total number and percentage exceed the total number of respondents.*

*Percentage = Total number/155 \* 100*

#### **Perceived negative impacts as a result of the proposed project**

There were 66 or 42.58% of the responses that indicated no negative impacts from the pursuit of the proposed project. However, there were 73 or 47.10% who mentioned that the proposed project will be dangerous or too risky. It was mentioned that this might cause pollution and poison the environment and consequently cause illnesses. In addition, there were 16 or 10.33 whose responses focused on the negative effect on farms and other sources of livelihood which might decrease their income. Furthermore, there was a concern on the negative effect of the possibility of bringing in more people and settlers who might permanently reside in the locality (29 or 18.71%).

**Table 9. Perceived negative impacts as a result of the proposed project**

Negative Impacts	Number	Percentage
None	66	42.58
dangerous/too risky; might cause pollution; might poison the environment; might cause sickness	73	47.10
will negatively affect source of livelihood/ less earnings/ damage crops	16	10.32

might bring in more people and settlers to our communities	29	18.71
might cause flooding/ landslides	7	4.52
might affect our way of life/ culture	7	4.52
might cause accidents like chemical explosion, traffic accidents, etc.	15	9.68
negatively affect the peace and order	10	6.45
<b>Total</b>	<b>223</b>	<b>143.87</b>

*Note: For this question, some respondents answered more than one from the choices provided thus the total number and percentage exceed the total number of respondents.  
Percentage = Total number/155 \* 100*

### Overall perception on the proposed project of Philcement Corporation

Majority of the respondents –91 or 58.71% - felt that the proposed project will immensely be of help to the community. Furthermore, there were 54 or 34.84% of the interviewees who thought the proposed project will be of help but not much (54 or 34.84%). There was no one who felt that the project will be of no help to the community. On the other hand, there were seven (7) or 4.52% who believed that the project will be slightly detrimental while three (3) or 1.94% who perceived that the proposed project will be largely detrimental to the community.

Overall, there is 93.55% of the respondents who recognized the positive impacts of pursuing the project. There was none who saw the project of being no help at all while only 6.46% perceived of the project causing detrimental impacts on the community.

**Table 10. Overall perception/opinion regarding the proposed project of Philcement Corporation**

Overall Opinion	Number	Percentage
The proposed project will help a lot the community and local residents	91	58.71
The proposed project will be able to help but not much	54	34.84
The proposed project will not help the community at all	0	0.00
The proposed project will be slightly detrimental to the community	7	4.52
The proposed project will be largely detrimental to the community	3	1.94
<b>Total</b>	<b>155</b>	<b>100.00</b>

### Findings and recommendations:

1. Majority of the respondents (58.06%) during the survey were the mothers who were in the homes caring for their families. There were also 38.06% of the respondents who were the fathers and heads of families.
2. There was 90.32% of the respondents who were not aware of Philcement Corporation as a private company existing in the area.
3. Of those who were cognizant of the company's activities, 6.45% knew about the Davao Terminal Project/Repacking of cement, 1.94% knew about the cement plant, 0.65% knew about the initiatives of the company regarding infrastructure projects while 0.65% were aware of the medical services provided by the company such as "Operation Tuli" and others.
4. The sources of information were mostly from barangay officials (7.10%), Community Relations Officer of Philcement (1.29%), friends who work in nearby industries (1.29%), IEC pamphlets (0.65%), and from employees of Philcement (0.65%).
5. The reasons given for not knowing about the company were due to no information sharing by the company (72.90%), no information from barangay officials (14.84%), stays out of the residence most of the time (9.03%), new to the community (4.54%), does not know whom to talk to regarding the project of Philcement (8.39%), busy at work (0.65%) and does not know anything about the company (0.65%).

6. Majority of the respondents were willing to take part in activities called for by the company in relation to their proposed project.
7. Generation of employment (76.77%) was the most mentioned positive impact perceived to happen as a result of the proposed project. In addition, the prevention of pollution (41.29%) was likewise seen as a benefit from pursuing the project. The increase in local government revenue (40.65%) was also foreseen to happen, the other beneficial outcome of the project as mentioned by the respondents were additional community projects, industrialization of the community, improvement of the environment as a result of regular monitoring, and increased business and livelihood endeavor.
8. There was 42.58% of the responses that did not indicate a negative impact while 47.10% pointed out the danger and risk of polluting the environment which might cause sickness. The other negative impacts mentioned were decrease in income, cause more migrants, cause floods, changes in way of life, increased accidents, and negatively affect the peace and order condition in the locality.
9. There was 91.55% of the respondents who felt that the proposed project will help the community and local residents while only 6.46% thought that the project will be detrimental to the locality.

Given these findings, there is a need to conduct an intensive IEC program to make the residents of barangay Ilang more aware of the proposed project. The IEC activities must focus on various target recipients such as the men who are breadwinners, women or wives who stay at home to take care of their families, students, and teachers who can be information disseminators after some of the IEC strategies (e.g. seminars, leaflets, meetings, etc.) have been conducted. The other IEC target audience may include the officials of local government offices/units, and other sectors of society such as farmers, fisherfolks, the elderly, persons with disability, youth, and others who will be directly or indirectly affected by the proposed project.

The sources of information for a small portion of about 10% of the total respondents were mostly from the barangay captains. It seems that the residents rely on the barangay officials for information about the various activities happening in their community. In this regard Philcement must seize this opportunity by regularly coordinating and informing the barangay officials about the activities and updates of the company. Philcement's proposed project, the Davao Terminal project must be well-explained to the community with focus on its objectives, project description and benefits that it will bring not only to the community but to the whole nation as well.

The positive outlook of the majority of the respondents towards the proposed project is a good indication of a smooth coexistence among the company, the local government and the residents in the community in the future. However, the company must be able to maintain this encouraging harmony by keeping its role in implementing all the necessary measures to prevent any incidences or impacts in the future that will detrimentally affect the stakeholders.

## **ATTACHMENT 4**

### **Results of the Key Informant Interview (KII) and Focus Group Discussion (FGD)**

**Key Informant Interviews (KII)**  
**Philcement Davao Terminal Project**  
**Davao City, March 3-4, 2020**

-----

**Hon. Amado T. Babao**  
**Barangay Captain, Barangay Ilang**  
**Davao City**

According to the Barangay Captain, the local government has promulgated a resolution of no objection to the proposed Philcement Davao Terminal Project. However, they are asking for assurance that there will be no dust emissions that will detrimentally affect the health of the residents during project construction and operation.

Based on the presentation given by Philcement several weeks ago, the project is not expected to cause any traffic during construction and operation. At present, the barangay does not encounter high volume of traffic in their streets. Nevertheless, the barangay captain stated that there should be more traffic enforces in schools as the children are prone to traffic accidents when not properly given attention. This suggestion was mentioned not for the proponent to address but rather as emphasis to what the barangay needs to put this in place.

As the barangay leader was relying on the presentation made by Philcement, he mentioned that water to be used in the project's operation will come from a deep well and will not in any way affect the water source of the locality.

The Barangay Captain emphatically stated that a request was made to Philcement regarding employing local residents during construction and operation. This was allegedly recorded during the barangay session.

In-migration was not an issue in the barangay as well as the absence of IPs living in the proposed project site.

The most common causes of morbidity in the barangay were respiratory infections, cough, and colds. He did not foresee any negative effect on the health of the residents as long as the mitigation measures to prevent dust emissions are in place. In the same light, since the project will only bag cement, this is not seen as a contributory factor to the mortality cases in the barangay.

The safety of the community as a result of the proposed project is not foreseen as an issue since there are always barangay police/patrol keeping the peace and order of the locality.

The existence of prostitution in the area is felt even without the proposed project. Continuous monitoring of the sex workers by the Barangay Health Worker (BHW) is done while actual physical exam is on a voluntary basis.

Health facilities like the health center are in need of improvement while the barangay hall is presently under construction.

The Barangay Captain plans to convene the social and business sectors located in the locality such as Monde, Holcim and others, to come up with a unified effort in addressing the socio-economic issues and concerns of the barangay.

The proposed project is expected to contribute to the barangay revenue which will come in the form of real property taxes and business permits paid by Philcement. Furthermore, implementation of social development projects funded from the Corporate Social Responsibility (CSR) funds was projected to be carried out.

Barangay Captain Babao does not foresee any negative impacts of the proposed project but he suggested that more IEC efforts should be done in their community so that the barangay officials and residents become more knowledgeable about the proposed project.

**Dr. Josephine Villafuerte**  
**City Health Officer**  
**Davao City**

According to Dr. Villafuerte, there was a previous problem with Holcim Cement many years ago due to the dust emissions from the plant site which is adjacent to the Union Gavasteel (UG) site. This location is the proposed site for the Philcement project. The community and the local government officials complained steadfastly about the pollution which have since then been addressed.

The people likewise at some point, complained about skin rashes all over their body which was attributed to the dust emissions. However, as the city health officials came in to investigate, they found that the rashes were not from the dust particles but from Chikungunya which exhibited it's the same symptoms on skin.

If ever the bagging plant is approved and established, there will be no problem with her as long as the company continuously monitors and maintains their processes, operation, and equipment. If monitoring and maintenance are not regularly done, leaks might occur which will be an avenue for the dust particles to escape into the atmosphere and cause harm on the residents.

During times when boats unloading cement are docked by the pier, the health officer disclosed that there might be a high possibility of the occurrence of sexually transmitted diseases (STDs). Given this situation, she suggested that there should be guidelines set by Philcement for the crew and officers of the ship regarding the observance of proper decorum and tact on this matter. There should also be a policy formulated by the proponent on punitive or disciplinary measures on their employees and contractors for the use of illegal drugs, occurrence of HIV and sexually transmitted diseases.

On malnutrition, the then Mayor, President Duterte initiated a feeding program for malnourished children even if they had to borrow money from other sources just to pursue the said activity.

When asked about the possible impact of the project, employment generation and consequently the upliftment of the standard of living in the community were expected. She also believed that there will be scholarship programs especially for the out of school youth when the project commences. Furthermore, livelihood projects, especially for the mothers who have no other sources of income will be provided. Overall, the doctor sees the project to bring positive impact in the community.

**Mr. Ivan Cortez**  
**City Planning and Development Coordinator**  
**Davao City**

Mr. Ivan Cortez's initial remark about the project was that Davao City officials are more selective and discriminating with regard to industries coming into the city. They are particular about the pollution control devices of incoming industries.

He inquired whether the proponent's source of cement, which comes from Vietnam, is the same source which was found to be substandard cement used in buildings that collapsed in the city a few years back. He stated that they will examine the project thoroughly before it is approved.

Water was not seen to be an issue but safety of the residents and workers in the project site during ingress and egress must be given focus.

On the positive impacts of the projects, he predicts that it will generate more employment. Taxes will be paid which will increase the revenue of the LGU and more social development projects will be implemented.

On the negative impacts, it will cause traffic as a result of more delivery trucks plying the area. In addition, the proposed project might attract more migrants to the area especially during construction.

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**Focus Group Discussion (FGD)**  
**March 3, 2004**

There were six (6) barangay council members together with the barangay treasurer and his staff (leader of the LGBT group in their barangay) who attended the FGD held at the barangay conference room on March 3, 2020.

According to the participants, the barangay is an agricultural community with various agricultural products such as corn, coconut, vegetables and fruit trees (mango, santol, marang, langka, lanzones, durian, etc.). However, according to them, presently, there was an observed decrease in yield corresponding to a decrease in income compared to five (5) years ago.

There are Aetas that go to the barangay during December. These Aetas live in the New Society Village which is one of the puroks of the barangays located near the mountains. Their culture has changed through the years. In the past, if one gives one (1) peso the Aeta is very thankful. Nowadays, they only accept five (5) pesos or higher. Likewise, when they were given used clothing many years ago, they distribute this among Aeta family members or friends. Now, if they are given used clothes, the ones which seemed to be in better shape are sold as "*ukay-ukay*" items while the old and tattered ones are not kept for their personal use but rather thrown away. But some of the members of the Aeta tribe have gone through school and are now educated and occupy regular positions in government.

If the proposed project is given the signal to operate, the participants were aware that there is a limited amount to be allotted for social development projects. Hence when asked to identify the areas of concern to be given priority, projects related to education were on the top list. It was hoped that scholarship grants be given to qualified youths especially those who are out of school. The second priority was on livelihood because many of the residents needed alternative or additional sources of income. The third priority was on health concerns and lastly on infrastructure projects.

The participants in the FGD have no issues on the possible limitations on sources of water and power once the proposed project is operational.

The traffic situation according to them is already tight during the peak periods from 7am-9am and 4pm – 7pm. With the project, the delivery trucks must observe the times when these are not supposed to be on the streets. In addition, there is a by-pass road that is used as a truck route to avoid the narrow and clogged road network in the city. The speed limit is also strictly observed. Highway speed limit is 60 kph while city limit is 30 kph.

To further address the traffic situation in the city, public utility buses will replace the public utility jeepneys initially launched in three (3) districts of Davao. About 7,000 PUJs were replaced by 1,000 buses.

The health situation in the barangay was considered to be fine but this can be further improved through the implementation of social development projects on health. Sexually transmitted diseases might increase during the operation of the project as stated by the participants in the FGD. According to the representative of the health sector, women who visit crew members and officers of docked ships are encouraged to have themselves regularly checked up. The use of condoms was likewise promoted by the BHWs as a family planning tool and for protection against diseases as well.

The FGD participants suggested that aside from giving women/housewives livelihood projects, the members of the LGBT groups should also benefit from these. Presently, there are 89 members from the barangay and 5,000+ members in the whole of Davao. The numbers suggest a considerable number of the labor force available in the locality.

The participants predicted that there will be less crime in their locality as a result of the operation of the proposed project. This is because employment will be generated and livelihood options are expected to be provided to the community.

The participants felt that if Philcement will not be able to comply with the mitigating measures, most specially for the dust emissions, many people will get sick. They already lived through the experience when a cement manufacturer (Holcim) in the area did not comply in providing the gadget that traps the dust or cement particles from escaping onto the atmosphere. In the end, the company complied by installing the device which generally improved the air quality in the barangay. The participants also suggested for regular monitoring of air quality. Regular maintenance of the plant site was also forwarded. It was likewise suggested that trees should be planted around the plant site to filter the dust particles as well as noise coming from the plant, if any.

One of the barangay council members, who participated in the FGD, expressed her fear of being resettled. Her apprehension was based on the proposed project's site which is near the seashore. Presently, her house is built on stilts and anchored in the beach area.

The positive impacts foreseen as a result of the project include the increase in taxes paid to the local government, generation of more employment, and implementation of CSR projects.

Overall, the participants felt that the proposed project will be of big help to the community in terms of the aforementioned positive impacts.

## **ATTACHMENT 5**

### **List of Invitees and Proposed Schedule of the Public Scoping Meeting**

## Proposed Schedule of Public Scoping Meeting

Date : November 20, 2020

Time : 9:00 am

Videoconference link: Via Zoom

### List of invitees for the Davao Terminal Project

No.	Names	Contact info
1	<b>Hon. Douglas R. Cagas</b> Davao del Sur Governor	(082) 553 – 9142
2	<b>Mr. Marvin D. Parilla</b> OIC DENR-Provincial Environment and Natural Resources Office, Davao del Sur	(082) 272-1894
3	<b>Hon. Sarah Z. Duterte</b> Davao City Mayor	241-1000 Local 265/266
4	<b>Hon. Sebastian Z. Duterte</b> Davao City Vice Mayor	222-0855 to 63/ 221-9991 Local 228/428
5	Sangguniang Panlungsod	
6	<b>Mr. Ivan C. Cortez</b> OIC City Planning and Development Office	<a href="mailto:cpdo@davaocity.gov.ph">cpdo@davaocity.gov.ph</a> cityplanningdavao@gmail.com
7	<b>Ms. Maribel T. Paguican</b> OIC Business Bureau	busbureau@davaocity.gov.ph
8	<b>Ms. Maribeth M. Lumactod</b> OIC City Economic Enterprise Office	cee@davaocity.gov.ph
9	<b>Engr. Marivic L. Reyes</b> OIC City Environment and Natural Resources Office	city_enro@davaocity.gov.ph
10	<b>Dr. Josephine J. Villafuerte</b> City Health Officer City Health Office	<a href="mailto:cho@davaocity.gov.ph">cho@davaocity.gov.ph</a> davaohealth@yahoo.com
11	<b>Mr. Alfredo D. Baloran</b> OIC Disaster Risk Reduction and Management Office	<a href="mailto:cdrmo@davaocity.gov.ph">cdrmo@davaocity.gov.ph</a> drmodvocity@ymail.com
12	<b>Barangay Council:</b> Punong Barangay Amado T. Babao Kag. Alvin G. Besinan Kag. Lito D. Padilla Kag. Anita T. Diesta Kag. Godofredo T. Babao Sr. Kag. Walter R. Hugo Kag. Susana S. Tulabing Sk. Chair. Tesalonica N. Adlaon Brgy. Treas. Tommy Z. Tan Brgy. Sec. Policarpio G. Baluyot	
13	<b>Local Organizations:</b>  Academe: SBES Principal Mr. Andres Perez/ Representative Business Sector: Mr. Rolando M. Boque Senior Citizen: Mrs. Carmencita A. Vivas	

No.	Names	Contact info
	<p>Student Leader: Tesalonica N. Adlaon/ Representative</p> <p>PTA Pres.: Mrs. Marilyn Silva</p> <p>Religious Representatives:</p> <p>Catholic: Mr. Bonifacio Cutanda</p> <p>Islam: Imam Hadji Andan Hanasal</p> <p>Fisherfolks: Jawaji Jimlani</p> <p>Transport: Mr. Joel Leopoldo (Overview TODA)</p>	