



**TOURISM
INFRASTRUCTURE AND
ENTERPRISE
ZONE
AUTHORITY**

6th & 7th Floors, Tower 1
Double Dragon Plaza
Double Dragon Meridian Park
Macapagal Avenue corner
Edsa Extension Bay Area
Pasay City 1302

 (+632) 512-0115

 www.tieza.gov.ph

MEMORANDUM

**For : The Manager
Corporate Planning Department**

**From : The Manager
Construction Management Department**

Subject : Weekly Accomplishment Report

Date : January 14, 2021

Submitting herewith is the COMD Weekly Accomplishment Report dated December 31, 2020 with supporting documents for the following projects in Boracay Island, Malay, Aklan:

1. Boracay Water Drainage Program Phase II (Boracay Drainage Improvement Project Phase II), Package 3, 4, 5 and 1A
2. Boracay Water Drainage Program Phase II (Boracay Drainage Improvement Project Phase II), Package 1 and 2

For information and reference.


RESURRECCION L. ASPURIA

CORPORATE PLANNING DEPARTMENT	
RECEIVED	
By:	<u>Lynka</u>
Date:	<u>1/13/21</u>
Time:	<u>9:05am</u>



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For information and reference.


RESURRECION L. ASPURIA

CONSTRUCTION MANAGEMENT DEPARTMENT

DOCUMENT TRACKING/ACTION PAGE		DATE: Jan. 11, 2021	ACCT: MSP
		SERIAL No.:	
SUBJECT: PROJECT BRIEF/PROJECT STATUS (4TH QUARTER) RE: BORACAY WATER DRAINAGE PROGRAM PHASE II, PACKAGE 3,4,5 & 1A and PACKAGE 1 & 2, Boracay Island, Malay, Aklan			
FROM	TO	REMARKS/ACTIONS	
RLA	NMID	Project Brief/Project Status (4th quarter) for your information, Sir.	
NMID	RLA	Noted.	
RLA	Joy	Please submit a copy to the CORPPLAN and have the original filed.	
	Arky	Pls prepare endorsement and as instructed	

TOURISM INFRASTRUCTURE AND ENTERPRISE ZONE AUTHORITY
CONSTRUCTION MANAGEMENT DEPARTMENT
WEEKLY ACCOMPLISHMENT REPORT

December 31, 2020

PROJECT NAME/LOCATION/CONTRACTOR	CONTRACT COST	COMPLETION TIME		ACCOMPLISHMENT		STATUS/REMARKS
		STARTED	TARGET	PLANNED(%)	ACTUAL(%)	
A. By Contract						
1.0 MAC BUILDERS						
Boracay Water Drainage Program Phase II (Boracay Drainage Improvement Project Phase II), Package 3, 4, 5 and 1A	735,822,783.05 43,023,158.89 778,845,941.94	7-Aug-18	31-Dec-21	57.95 (not included the weighted % of obstruction and right of way)	53.04	<ul style="list-style-type: none"> As of December 31, 2020, project accomplishment is 53.04% and slippage of -4.91% based on the approved revised schedule and s-curve (excluded the effect of Partial suspension which is being recompute by CMS). Kalahi Drainage line redesigned by the Designer is for the review and preparation of Variation Order by the Construction Management Services (CMS).
<i>Boracay Island, Malay, Aklan</i>						
2.0 BSP & Company Inc.						
Boracay Water Drainage Program Phase II (Boracay Drainage Improvement Project Phase II), Package 1 and 2	199,916,749.95 67,741,800.00 7,373,397.61 275,031,947.56	30-Jan-18	30-Nov-20	100.00	100.00	<ul style="list-style-type: none"> As of November 30, 2020, the project is 100%. The CMS is finalizing the evaluation of Program of Works whether if there has deductive cost or not.
<i>Boracay Island, Malay, Aklan</i>						

TOURISM INFRASTRUCTURE AND ENTERPRISE ZONE AUTHORITY
CONSTRUCTION MANAGEMENT DEPARTMENT
WEEKLY ACCOMPLISHMENT REPORT

December 31, 2020

PROJECT NAME/LOCATION/CONTRACTOR	CONTRACT COST	COMPLETION TIME		ACCOMPLISHMENT		STATUS/REMARKS
		STARTED	TARGET	PLANNED(%)	ACTUAL(%)	
						<ul style="list-style-type: none"> Punchlisting is still ongoing and waiting the endorsement of our Consultant after the completion.
B. Other Matters						
1.0 Overall Project Accomplishment of Boracay Project						<ul style="list-style-type: none"> As of December 31, 2020, the project is 65.30%.

NOTE:

1.0 See attached weekly activities reported by PTCC and assistant Project Engineer.

2.0 Attached Pics.






ROY D. MONARCA



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MEMORANDUM

FOR : **THE ASSISTANT CHIEF OPERATING OFFICER**
Architectural and Engineering Services Sector

THRU : **THE MANAGER**
Construction Management Department

SUBJECT : **PROJECT BRIEF/PROJECT STATUS (4th Quarter)**

DATE : December 31, 2020

I. PROJECT BRIEF:

A. PROJECT NAME : Boracay Water Drainage Program Phase II, Package 1&2
(Boracay Drainage Improvement Project Phase II)

Location : Boracay Island, Malay, Aklan

Contractor : BSP & Company Inc.

Mode of implementation : By Contract

Project Duration : 365 + 66 + 480 = 911 calendar days

Contract Cost : ₱199,916,749.95

Additional cost due to Package 2 : ₱67,741,800.00

Revised Contract Cost : ₱267,658,549.95

Variation Order #1 (Add'l Cost) : ₱ 7,373,397.61

Revised Contract Cost : ₱275,031,947.56

Date of started : January 30, 2018

Target date of Completion : January 29, 2019

Revised date of completion due to
Package 2 : April 5, 2019

Revised date of completion due to
Extension #1 : July 14, 2019

Revised date of completion due to
Extension #2 : August 28, 2019

Revised date of completion due to
Extension #3 : September 27, 2019

Revised date of completion due to
Extension #4 : March 25, 2020

Date of suspension #1 : March 17, 2020

Date of Resumption #1 : July 20, 2020

Revised Completion Date due to Work Suspension #1 : July 28, 2020

Revised Date of Completion after Approved Extension #5 : September 21, 2020

Revised Date of Completion after Approved Extension #6 : November 30, 2020

B. PROJECT STATUS:

S-CURVED AND GANTT CHART SUBMITTED BY CONTRACTOR : 100.00%
 ACTUAL CUMMULATIVE ACCOMPLISHMENT : 100.00%
 PERCENTAGE OF WORK SLIPPAGE : 0%

ITEM OF WORKS	AMOUNT	WT%	PREVIOUS	THIS PERIOD	TO DATE
A. Part A	1,618,200.00	0.58837	0.588		0.588
B. Part B	3,236,400.00	1.176736	1.177		1.177
C. Outfall1	59,821,575.30	21.75077	21.751		21.751
D. Road 1A- Bolabog, Drainage Lateral, Bolabog Basin and PS3	104,653,034.26	38.05123	38.050	0.001	38.051
Mechanical	29,160,917.00	10.60274	10.068	0.535	10.603
Electrical	8,800,021.00	3.19964	3.162	0.038	3.200
E. Package 2					
Concrete Sinker & HDPE Pipe	32,590,843.00	11.84984	11.791	0.059	11.850
STP Road Pipeline & Junction Box	10,788,309.00	3.92257	3.923		3.923
Mechanical	4,593,977.00	1.67034	1.587	0.083	1.670
Electrical	1,284,855.93	0.46717	0.346	0.121	0.467
F. OTHER ITEMS					
Temporary Outfall	16,287,748.51	5.92213	5.755	0.167	5.922
Equipment Standby Time Charge	1,899,200.00	0.69054	0.691		0.691
Daywork for Demolition / Declogging	248,152.56	0.09023	0.090		0.090
Construction of Temporary Sewer Manhole & Relocation of Sewerline 200mm Ø	48,714.00	0.01771	0.018		0.018
TOTAL CONTRACT AMOUNT	275,031,947.56	100.0000	99.00	1.00	100.00

Note: The project is 100% completed but the final contract amount is still subjected for the verification of the Construction Management Service (CMS).

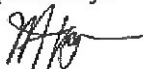
C. PROBLEMS MET/FINDINGS :**D. ACTION TAKEN:**

1.0 Instructed the Construction Management Services (CMS) to fast track the completion of the said punchlist.

E. POTENTIAL PROBLEM & SUGGESTED COURSE OF ACTION:**F. REMARKS/RECOMMENDATION:**

The undersigned, instructed CMS and Engr. David to submit their evaluation of the actual cost of the project as soonest time.

Prepared by:






ROY D. MONARCA
 Project Engineer



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MEMORANDUM

FOR : **THE ASSISTANT CHIEF OPERATING OFFICER**
Architectural and Engineering Services Sector

THRU : **THE MANAGER**
Construction Management Department

SUBJECT : **PROJECT BRIEF/PROJECT STATUS (4th Quarter)**

DATE : December 31, 2020

I. PROJECT BRIEF:

PROJECT NAME : Boracay Water Drainage Program Phase II, Package 3, 4, 5 & 1A
(Boracay Drainage Improvement Project Phase II)
LOCATION : Boracay Island, Malay, Aklan
CONTRACTOR : *MAC Builders*
MODE OF
IMPLEMENTATION : By Contract
PROJECT
DURATION : 360 calendar days
CONTRACT COST : ₱735,822,783.05
Variation Order #1 : ₱43,023,158.89
Revised Contract Cost
Due to Variation Order #1 : ₱778,845,941.95
DATE STARTED : August 7, 2018
TARGET DATE OF
COMPLETION : August 1, 2019
REVISED DATE OF
COMPLETION (due
To 273 C.D time
Extension #1) : April 30, 2020
Date of suspension #1 : March 17, 2020
Date of Resumption #1 : August 15, 2020
Revise Completion Date due to Work Suspension #1 : September 28, 2020
Revised Date of Completion after Approved Extension #2 : December 31, 2021

II. PROJECT STATUS:

S-CURVED AND GANTT CHART SUBMITTED BY CONTRACTOR : 57.95%

ACTUAL ACCOMPLISHMENT
PERCENTAGE OF WORK SLIPPAGE

: 53.04%
: -4.91%

Item of works	Amount	Wt. %	Previous	This Period	To date
Part A. Facilities for the Engineer.	2,594,172.00	.33308	.352	-.019	.333
Part B. Other General	15,845,281.32	2.03446	1.297	-.071	1.226
Package 1A					
Drainage	92,803,800.05	11.9156	5.892	.814	6.706
PS3	26,519,034.52	3.40491	2.982	.287	3.269
Mechanical	11,770,195.53	1.51124			
Panel board and Transformer	4,573,016.19	.58715			
Package 5					
Drainage (South Drainage/ Bloomfield Drainage)	273,633,376.00	35.13318	23.674	-.390	23.284
Package 3					
Outfall	72,793,592.22	9.34634	9.427	-.095	9.332
Bored Piles	39,596,839.26	5.08404			
Drainage (Road 1A-Bolabog Lateral, Bolabog Basin and outfall)	10,740,052.93	1.37897	.462	-.026	.436
Mechanical	8,809,166.18	1.13105			
Electrical	4,396,549.85	.56450			
Package 4	188,089,623.51	24.14979	7.794	.189	7.983
Pumping Station #2	13,738,860.92	1.76400	.504	-.028	.476
Mechanical	8,599,601.64	1.10415			
Electrical	4,342,779.82	.55759			
TOTAL CONTRACT AMOUNT	778,845,936.94	100.000	52.38	.661	53.04

Note: All Item of works percentage are decreasing as compare to 3rd quarter due to the entry of Variation order #1 in Package 3 and the approval of Time extension #2.

III. PROBLEMS MET/FINDINGS

1. The Kalahi Drainage line redesign was completed and for the preparation of Variation Order by Construction Management Services.
 2. The project slippage which is equivalent to 4.91% (excluding of right of way and obstruction percentage)
 3. Right of way and obstruction percentage suffered by contractor based on the Bid Proposal as of December 31, 2020. See attached unworkable areas with computation based on Bid proposal and remarks.
- 1.0 Package 1a:

- 1.1 Kalahi road = 3.87 %
- 2.0 Package 4
 - 2.1 Lagutan road = 4.24%
 - 2.2 PCTV road = 1.93%
 - 2.3 Boracay Regency = 2.59%
 - 2.4 Sunset road = .51%
 - 2.5 PS2 A/B/C = 1%
 - 2.6 PS2 = 3.43%
- 3.0 Package 5
 - 3.1 Bloomfield road (right side) = 14.08%

The total percentage of right of way and obstruction is 31.63%.

IV. ACTION TAKEN:

1. Required the CMS to fast track the Variation Order of Kalahi road so the contractor can start the construction.
2. Instructed the contractor to follow-up the approval of their request of manpower which was endorsed by GM Bernardino (BIARMG) last December 16, 2020 entering Boracay to the Office of Malay Mayor.
3. Also, required the Designer to fast tract the Re-design the Lagutan Road to fill the loss of wetland #6.

V. POTENTIAL PROBLEM & SUGGESTED COURSE OF ACTION:

1. This stringent health protocol imposed by LGU will hampered the delivery of materials and manpower resulting to the delay of the project. Unanimity of all agencies involve in rehabilitation must needed for the smooth implementation.

VI. REMARKS/RECOMMENDATION:

The undersigned, instructed CMS and Engr. David to assist the contractor of their issues and concerns arises during the implementation of the project to avoid any delay.

Prepared by:



ROY D. MONARCA
Project Engineer

Approximate Percentage Calculation of Unworkable Areas (As of December 31, 2020)

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL	CONTRACT AMOUNT	REMARKS
Facilities for the Engineer					2,594,172.00	
Other General Requirements					15,845,281.32	
Package 1A					135,666,046.29	
1. Kalahi Road						
Excavation	1,894.34	cu.m.	2,826.53	5,354,407.43		<i>This Redesigned item of work is for finalization of Variation Order by PTCC as to adapt the actual site condition (actual invert elevation of main road).</i>
Backfill	710.38	cu.m.	1,829.63	1,299,727.64		
Gravel Bed	102.93	cu.m.	2,309.91	237,755.80		
Concrete	961.39	cu.m.	7,830.98	7,528,603.15		
Rebars	192,277.42	kgs	65.30	12,555,715.53		
PCCP	1,240.50	sq.m.	2,344.16	2,907,930.48		
Subbase	186.08	cu.m.	1,236.83	230,143.14		
Subtotal Kalahi Road				30,114,283.17		
Percentage				3.87%		
Package 3						
1. Pumping Station #4					136,336,200.44	<i>Date of start of the construction was on November 2020 but due to stringent Health Protocol imposed by LGU, TIEZA asking the help of Boracay Inter-Agency Rehabilitation Management Group (BIARMG) to fast tract the approval of the application of Contractor's Manpower to enter Boracay Island. See attached letter by GM Bernardino dated December 16, 2020 which was address to Gov, Miraflores and Mayor Bautista.</i>
Package 4					214,770,865.89	
1. Lagutan Road						
Excavation	4,182.82	cu.m.	2,826.53	11,822,866.21		<i>A letter of GM Bernardino (BIARMG) dated October 29, 2020 for not using the wetland #6 as a collection basin and storage of storm water, the TIEZA have no option but to redesign the Lagutan road.</i>
Backfill	1,194.33	cu.m.	1,829.63	2,185,182.00		
Concrete	1,301.23	cu.m.	7,830.98	10,189,906.11		
Rebars	126,362.94	kgs	66.54	8,408,190.03		
Lean Concrete	66.35	cu.m.	6,119.27	406,013.56		
Subtotal Lagutan Road				33,012,157.91		
Percentage				4.24%		
2. PCTV Road						
Excavation	1,774.80	cu.m.	2,826.53	5,016,525.44		<i>Tis item of work is dependent to the Pumping Station #2 (P.S.2) construction</i>
Backfill	306.83	cu.m.	1,829.63	561,385.37		
Gravel Bed	16.05	cu.m.	2,309.91	37,074.06		
Concrete	942.01	cu.m.	7,830.98	7,376,861.47		
Rebars 40	20,358.80	kgs	65.30	1,329,429.64		
Rebars 60	2,170.97	kgs	66.54	144,456.34		
Ladder Rung	1,208.83	kgs	290.87	351,612.38		
Lean Concrete	32.45	cu.m.	6,119.27	198,570.31		
Subtotal PCTV Road				15,015,915.02		
Percentage				1.93%		
3. Boracay Regency (Azalea)						
Excavation	1,132.12	cu.m.	2,826.53	3,199,971.14		<i>This item of work is dependent</i>
Backfill	595.58	cu.m.	1,829.63	1,089,691.04		
Gravel Bed	75.65	cu.m.	2,309.91	174,744.69		

	Concrete	137.97	cu.m.	7,830.98	1,080,440.31	to the Pumping Station #2 (P.S.2) construction
	Rebars 40	14.78	kgs	65.30	965.13	
	Rebars 60	1,012.44	kgs	66.54	67,367.76	
	HDPE (1.2m)	277.00	l.m.	52,430.76	14,523,320.52	
	Subtotal Boracay Regency				20,136,500.59	
	Percentage				2.59%	
	4. Sunset Road (D'Talipapa)					
	Excavation	366.26	cu.m.	2,826.53	1,035,244.88	This item of work is dependent to the Pumping Station #2 (P.S.2) construction
	Backfill	66.41	cu.m.	1,829.63	121,505.73	
	Gravel Bed	14.46	cu.m.	2,309.91	33,401.30	
	Concrete	194.98	cu.m.	7,830.98	1,526,884.48	
	Rebars 40	18,894.57	kgs	65.30	1,233,815.42	
	Subtotal Sunset Road				3,950,851.81	
	Percentage				0.51%	
	5. PS2 A/B/C					
	Excavation	806.44	cu.m.	2,826.53	2,279,426.85	This item of work is dependent to the Pumping Station #2 (P.S.2) construction
	Backfill	131.91	cu.m.	1,829.63	241,346.49	
	Gravel Bed	42.04	cu.m.	2,309.91	97,108.62	
	Concrete	281.94	cu.m.	7,830.98	2,207,866.50	
	Rebars 40	38,144.07	kgs	66.54	2,538,106.42	
	Lean Concrete	66.35	cu.m.	6,119.27	406,013.56	
	Subtotal PS2 A/B/C				7,769,868.45	
	Percentage				1.00%	
	6. PS2					
	Pump House				13,738,860.92	As per approved memo to COO dated September 22, 2020 and memo to Legal Department dated November 10, 2020, asking their legal assistance for the condition stated by BTSI for the usage of their property and also to facilitate the Deed of Donation from the LGU Malay of the Pumping Station #2 site location.
	Mechanical				8,599,601.64	
	Electrical				4,342,779.82	
	Subtotal PS2				26,681,242.38	
	Percentage				3.43%	
	Package 5				273,633,376.00	
	1. Bloomfields Road					
	Excavation	22,532.12	cu.m.	2,826.53	63,687,713.14	Right side of Bloomfield area was subject for the clearing and demolition of existing structure prior for TIEZA to construct. C/O BIARMG
	Backfill	6,583.28	cu.m.	1,829.63	12,044,966.59	
	Gravel Bed	515.08	cu.m.	2,309.91	1,189,786.59	
	Concrete	2,990.12	cu.m.	7,830.98	23,415,569.92	
	Rebars	221,502.79	kgs	66.54	14,738,795.65	
	Lean Concrete	111.08	cu.m.	6,119.27	679,728.51	
	HDPE (1.8m)	1,384.00	l.m.	74,877.73	103,630,778.32	
	Half of Bloomfields Drainage Already Constructed				219,387,338.72	
	Subtotal Bloomfields Road				109,693,669.36	
	Percentage				14.08%	
	Overall Amount for Unworkable Areas				246,374,488.69	
	Percentage				31.63%	
	Total Project Cost				778,845,941.95	

BORACAY WATER DRAINAGE PROGRAM

Package 1A

Concreting Works of Lateral road (Between Bolabog and road 1A road)



BORACAY WATER DRAINAGE PROGRAM

Package 1A

Surface Preparation of Lateral Road (Between Bolabog and road 1A road)



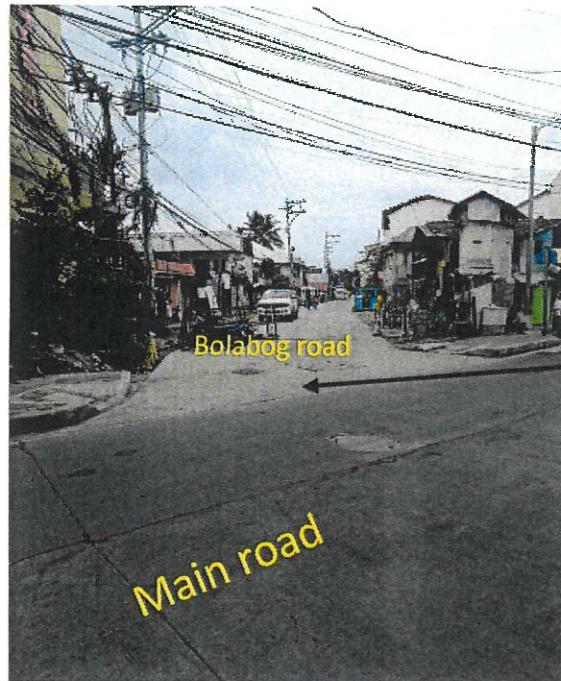
Construction of Pumping Station # 3 (extension)



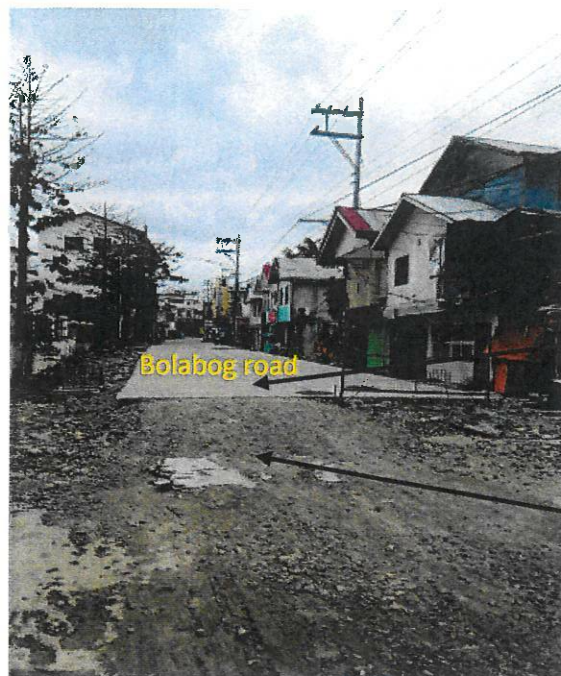
BORACAY WATER DRAINAGE PROGRAM

Package 1A

Construction of Bolabog road



Starting point of
Bolabog road



End point of Bolabog
road (TIEZA)

road (DPWH
counterpart)