



**BULWARK
DIGITAL SECURITY MONITORING INC.**

BIR VAT REG. TIN 007 - 517 - 370 - 000

September 30, 2021

MS. CECILLE LORENZANA ROMERO
Executive Director, III
NATIONAL PARKS DEVELOPMENT COMMITTEE
TM Kalaw, Ermita, Manila



SUBJECT: REQUEST FOR WORK EXTENSION (CONTRACT TERM EXTENSION)

Good Day Ms. Cecille,

We at Bulwark DSMI requests your kind office for a forty five (45) day extension to the contract term for the Fiber Optic Project in Luneta Park and Paco Park.

This is request is borne out of the delays in the project due to the following reasons:

1. Re-implementation of ECQ guidelines in Metro Manila from August 6 - 20. Our work was not covered under the IATF guidelines during said time period, thus, our teams had to temporarily cease all work in the area. We have already re-started our operations last August 21 when we were transferred back to MECQ.
2. Unfavorable weather conditions due to "Habagat" in July and multiple storms during August - September. We had to stop work for several days during strong rain and flooding that restricted access.

As such, we wish to request for a parallel extension of work covering forty five (45) days due to the above reasons.

Rest assured, our teams will still work to achieve the total number of calendar days as prescribed in our agreement.

Thank you very much for your kind consideration.

Sincerely,



Carlos Miguel S. Hernandez
Vice President
BULWARK DSMI



BULWARK DIGITAL SECURITY MONITORING INC.

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SW Monsoon (Habagat) Advisory

July 21 - 22, 2021

Fabian will continue to enhance the SW Monsoon (Habagat) as the typhoon head towards Taiwan. This will continue to bring moderate to heavy rains, intense at times.

Heavy Rains are expected to affect the following:

- Metro Manila
- Zambales
- Batangas
- Ilocos Region
- Cordillera
- Tarlac
- Northern Palawan

Areas that will expect heavy rains may see flooding and landslides in mountainous areas. Please prepare for possible dire effects by your life!

Expect heavy rainfall warning to be raised in the next few days.

Mod – Heavy/Intense Mod – Heavy

TC Passage & Accumulated Rainfall (SEPTEMBER 2021)

Cumulative Rainfall and Track of TY "Jolina" (CONSON)
September 06-09, 2021

TA JOLINA LANDFALLS

Accumulated Rainfall during the passage of TY "Jolina" (CONSON) for stations having > 140mm (Sep 06-09, 2021)

TC Passage & Accumulated Rainfall (SEPTEMBER 2021)

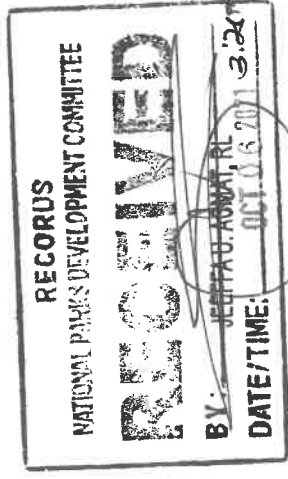
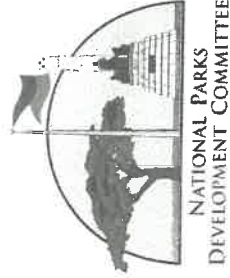
TC Passage & Accumulated Rainfall (SEPTEMBER 2021)

Cumulative Rainfall and Track of TY "Kiko" (CHANTHU)
September 07-12, 2021

Accumulated Rainfall during the passage of TY "Kiko" (CHANTHU) for stations having > 170mm (Sep 07-12, 2021)

STATION NAME	TY "Kiko" (CHANTHU) TOTAL RR	TY "Kiko" (CHANTHU) TOTAL RR
MANILA	344.0	221.4
BAKUR	360.0	211.4
DAVAO	345.4	213.8
ARABACAY DATARAN	337.4	206.4
SIBICAN BAY	312.8	190.8
IMPATI	312.0	189.8
TALAJORO	302.0	182.8
ISOLLA TUMBAN	293.4	181.1
PARUL BULAC	251.2	171.8
PARUL	246.4	170.1

The Southwest Monsoon enhanced by Typhoon "Kiko" (CHANTHU) brought moderate to heavy rains in most parts of Luzon (especially in Ilocos Region, CAR, Central Luzon, CALABARZON, MM and MIMAROPA) & Western Visayas.



MEMORANDUM PMD No. 2021-10-003

FOR : THE OFFICE OF THE EXECUTIVE DIRECTOR
FROM : THE PLANNING AND MANAGEMENT DIVISION
SUBJECT : RECOMMENDATION ON THE REQUEST OF BULWARK DIGITAL SECURITY MONITORING INC. FOR WORK EXTENSION
DATE : October 4, 2021

This is to recommend the approval of the Bulwark Digital Security Monitoring Inc.'s request for extension of work to complete the Installation of Fiber Optics in Rizal Park and Paco Park Project, due to the following uncontrollable circumstances that resulted for them to temporarily cease all work:

1. Unfavorable weather conditions due to "Habagat" in July 21-22, 2021 and multiple storms in the months of August and September 2021; and
2. Re-implementation of ECO and MECO guidelines in Metro Manila last August 6-20, 2021 and August 21-September 15, 2021, respectively.

However, to ensure project completion before the end of the year, we recommend grant of 30 calendar days work extension ONLY, instead of their original request of 45 calendar days work extension.

In case of approval, the target completion date of the project shall be November 27, 2021, instead of October 28, 2021.

For your consideration and approval.


KATHLEEN D.C. MIELENDREZ

Recommending Approval:


ENGR. EDUARDO C. MICALON, JR.

Approved

Disapproved:


CECILLE LORENZANA ROMERO



IT'S MORE FUN IN THE PHILIPPINES

T.M. Kalaw Street, Ermita, 1000 Manila
Telephone Nos. (02) 5302-7360 / (02) 5302-7381
info@npdc.gov.ph www.npdc.gov.ph
ISO 9001:2015 CERTIFIED

NPDC-OED-F005.03 03-10-2020



October 5, 2021

CARLOS MIGUEL S. HERNANDEZ

Vice President, Bulwark Digital Security Monitoring Inc.
Unit 1110 Cityland Pasong Tamo Tower,
2210 Chino Roces Avenue, Makati City

Attention: **Ms. Maria Larissa S. Hernandez**
Vice President - Head of Operations

Dear **Mr. Hernandez**:

We are pleased to inform that your request for an extension of work for the **"Installation of Fiber Optics in Rizal Park and Paco Park Project"** is hereby granted for a period of thirty (30) days, ONLY.

This is in consideration of uncontrollable conditions that resulted for your team to temporarily cease all work, as follows:

1. Unfavourable weather conditions due to "Habagat" in July 21-22, 2021 and multiple storms in the months of August and September 2021;
2. Re-implementation of ECO and MECQ guidelines in Metro Manila last August 6-20, 2021 and August 21-September 15, 2021, respectively.

As such, the new date of your contract expiration for the said project shall be November 27, 2021, instead of October 28, 2021.

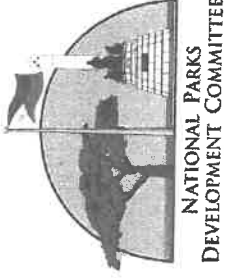
Failure to finish the project on the new contract expiration date shall result in the payment of liquidated damages in accordance with R.A. 9184.

Should you have clarifications, please do not hesitate to contact the Head of our Planning and Management Division Engr. Eduardo C. Villalon, Jr. at telephone no. 5302-7180 or e-mail address edvillalonjr@npdc.gov.ph.


CECILLE LORENZANA ROMERO
Executive Director III

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October 8, 2021

Bulwark Digital Security Monitoring Inc.

2432 Coral St. San Andres Bukid, Manila/ Unit 1110 Cityland Pasong Tamo Tower,
Chino Roces Avenue, Makati City

ATTENTION: **MARIA LARISSA S. HERNANDEZ**
Vice President - Head of Operations

SUBJECT : **Amendment to Order (Variation Order)**

Dear Ms. Hernandez,

Based on the report of our technical personnel, there will be some Amendment to Order in our contract works for the project entitled **INSTALLATION OF FIBER OPTICS IN RIZAL PARK AND PACO PARK.**

In this regard, kindly submit your quotation for the above subject Amendment to Order to the office of Planning and Management Division not later October 11, 2021.

Attached are the schedule of proposal forms, plans and specifications for your reference.

Very truly yours,


CECILLE LORENZANA ROMERO
Executive Director III

PROGRAM OF WORK

PROJECT: INSTALLATION OF FIBER OPTICS IN RIZAL PARK AND PACO PARK - Amendment to Order (Variation Order)

Location: Central Section, Rizal Park, Ermita, Manila

No.	DESCRIPTION	Qty		UNIT	Unit Cost		Amount		Additive/ Deductive Cost
		Deletion	Addition		Original	New Cost	Deletion	Addition	
I. FOR RIZAL PARKS COMPLEX									
A. CCTV COMPONENTS									
1 UPS									
	650VA Accupower UPS	(2.00)		(2.00)	pcs.	4,664.00		(9,328.00)	(9,328.00)
B. CENTRAL SECTION									
1 ROUGHING-INS									
	2" PVC Pipe	(55.00)	73.00	18.00	pcs.	259.20		4,665.60	4,665.60
	HDPE Pipe 2" PE100 SDR9		39.00	39.00	meter		780.00	30,420.00	30,420.00
2 OTHERS ACCESSORIES									
	Powder coated finished NEMA BOX (ITC) OUTDOOR LOUVER SIDES, Tenfold version AS PER DRAWING 600 H x 600 W x 600 D, T- lock small, 3 point lock. Rubber gasket, 2 pcs mounting rails, 1 pcs exhaust fan on both side w/ canopy, Vertical powerstrip 4 c.o 3 prong at the back, Ga.16 1.2 mm thickness, Color is Grey Powder Coated	(1.00)		(1.00)	sets	12,540.00		(12,540.00)	(12,540.00)
3 CIVIL WORKS									
	For Fiber Optic, STP Line and Foundation								
	Excavation	(26.40)	35.04	8.64	cu.m.	108.68		939.03	939.03
	Cement		14.00	14.00	bags	303.75		4,252.50	4,252.50
	Sand		1.00	1.00	cu.m.	1,093.50		1,093.50	1,093.50
	Gravel		1.50	1.50	cu.m.	1,458.00		2,187.00	2,187.00
	G.I. Wire		2.00	2.00	kilos	145.80		291.60	291.60
	10mm dia. Rein. Bar		25.00	25.00	pcs.	206.55		5,163.75	5,163.75
	Formworks								
	1/2" THK. Plywood		2.00	2.00	pcs.	546.75		1,093.50	1,093.50
	2" X 2" X 8' Good Lumber		10.00	10.00	pcs.	303.75		3,037.50	3,037.50
	Assorted Nail		1.00	1.00	kilos	145.80		145.80	145.80
4 ELECTRICAL WORKS									
	15" X6" X3" Hot Dip GI Lamp Post w/ single angle bar on top, 10" base plate w/ 3/4" dia. X 18" anchor bolt		2.00	2.00	units	11,880.00		23,760.00	23,760.00
C. WESTERN SECTION									
1 For Fiber Optic, STP Line and Foundation									
	Cement		28.00	28.00	bags	303.75		8,505.00	8,505.00
	Sand		2.00	2.00	cu.m.	1,093.50		2,187.00	2,187.00
	Gravel		3.00	3.00	cu.m.	1,458.00		4,374.00	4,374.00
	G.I. Wire		4.00	4.00	kilos	145.80		583.20	583.20
	10mm dia. Rein. Bar		50.00	50.00	pcs.	206.55		10,327.50	10,327.50
	Formworks								
	1/2" THK. Plywood		4.00	4.00	pcs.	546.75		2,187.00	2,187.00
	2" X 2" X 8' Good Lumber		20.00	20.00	pcs.	303.75		6,075.00	6,075.00
	Assorted Nail		2.00	2.00	kilos	145.80		291.60	291.60
II. STRUCTURED CABLING									
A. PLANETARIUM									
1	24 Port Rack Mount Fiber Optic Distribution Panel 1RU, Loaded with LC Adapter		1.00	1.00	pieces	14,949.79		14,949.79	14,949.79
2	3ft/ 19RU Wall Mounted Data Cabinet 3ft.H Bare structure w/ four (4) standard square hole vertical mounting rails, 600 W x 800 D x 3 ft.H • Plexiglass Front Door • 2-vented side panels w/ lock & louvers • Power strip w/ 6pcs 3-pronged convenient outlets • 1 unit rear vertical cable manager w/ 6pcs rings • 2 pcs exhaust fan and top panel • 20 pcs cagenuts • color is Black, Powder coated finished		1.00	1.00	pieces	18,018.00		18,018.00	18,018.00
3	2KVA Accupower Online Tower type UPS		1.00	1.00	pieces	35,288.00		35,288.00	35,288.00
4	8 port Gigabit Managed POE Switch with 4 sfp		8.00	8.00	pieces	4,774.00		38,062.00	38,062.00

No.	DESCRIPTION	Qty		UNIT	Unit Cost		Amount		Additive/ Deductive Cost
		Deletion	Addition		Total	Original	New Cost	Deletion	
B. SECURITY OFFICE									
1	8-core SM Outdoor Armoured, Loosetube (Fiber)		200.00	meters		251.35		50,270.00	50,270.00
2	24 Port Rack Mount Fiber Optic Distribution Panel 1RU, Loaded with LC Adapter		1.00	pieces		14,949.79		14,949.79	14,949.79
3	LC to LC Patch Cord, 1m		1.00	pieces		3,105.54		3,105.54	3,105.54
4	Optical Transceiver Module, GE SFP single-mode (10Km, 1310nm, LC, DDM)		1.00	pieces		707.85		707.85	707.85
5	LC Singlemode Fiber Optic Pigtail, 0.9mm LSZH, Length = 1.0 mtr		1.00	pieces		485.10		485.10	485.10
6	2ft Wall Mounted Data Cabinet Bare structure w/ four (4) standard square hole vertical mounting rails, 600 W x 800 D x 2 ft.H •Plexiglass Front Door •2-vented side panels w/ lock & louvers •Power strip w/ 4pcs 3-pronged convenient outlets •1 unit rear vertical cable manager w/ 4pcs rings •2 pcs exhaust fan and top panel •20 pcs cagenuts •color is Black, Powder coated finished	1.00	1.00	pieces		13,972.50		13,972.50	13,972.50
7	2KVA Accupower Online Tower type UPS	1.00	1.00	pieces		30,800.00		30,800.00	30,800.00
8	24 port Gigabit Managed POE Switch with 4 sfp	1.00	1.00	pieces		19,712.00		19,712.00	19,712.00
9	24 port patch panel	1.00	1.00	pieces		13,200.00		13,200.00	13,200.00
10	Cable manager	1.00	1.00	pieces		1,032.75		1,032.75	1,032.75
11	Cat6 UTP Cable, 23 AWG Solid Bare Copper	3.00	3.00	boxes		8,140.00		24,420.00	24,420.00
12	Cat6 UTP Cable Patch cord	13.00	13.00	pieces		330.00		4,290.00	4,290.00
13	IO / Data Port	13.00	13.00	pieces		550.00		7,150.00	7,150.00
14	Wifi Access Point	2.00	2.00	pieces		32,080.00		64,160.00	64,160.00
C. ROUGHING-INS									
1	2" PVC Pipe		35.00	pieces		259.20		9,072.00	9,072.00
2	2" PVC Elbow		10.00	pieces		145.80		1,458.00	1,458.00
3	2" PVC Coupling		20.00	pieces		97.20		1,944.00	1,944.00
4	2" PVC Clamp		80.00	pieces		32.40		2,592.00	2,592.00
5	PVC PIPE 1" (10ft)		90.00	pieces		86.40		7,776.00	7,776.00
6	1" PVC Elbow		30.00	pieces		22.68		680.40	680.40
7	1" PVC Coupling		50.00	pieces		8.10		405.00	405.00
8	1" PVC Clamp		190.00	pieces		6.48		1,231.20	1,231.20
9	1" Plastic Molding		50.00	pieces		72.90		3,645.00	3,645.00
10	1" Screw with Tox		90.00	pieces		3.24		291.60	291.60
11	Excavation		100.00	c.u.m.		108.68		10,868.40	10,868.40
12	Concrete Cutting		10.00	l.m.		63.68		636.75	636.75
13	Removal of Existing PCC Pavement, 0.15m thk.		5.00	sq.m.		238.50		1,192.50	1,192.50
14	Cement		22.00	bags		303.75		6,682.50	6,682.50
15	Sand		1.25	c.u.m.		1,093.50		1,366.88	1,366.88
16	Gravel		3.25	c.u.m.		1,458.00		4,738.50	4,738.50
17	G.I. Wire		2.00	kilos		145.80		291.60	291.60
D. CPM WORK AREA									
1	Cat6 UTP Cable, 23 AWG Solid Bare Copper		1.00	boxes		8,140.00		8,140.00	8,140.00
2	Cat6 UTP Cable Patch cord		1.00	pieces		330.00		330.00	330.00
3	IO / Data Port		1.00	pieces		550.00		550.00	550.00
4	Wifi Access Point		1.00	pieces		32,080.00		32,080.00	32,080.00
5	2" PVC Pipe		20.00	pieces		259.20		5,184.00	5,184.00
6	2" PVC Elbow		5.00	pieces		145.80		729.00	729.00
7	2" PVC Coupling		10.00	pieces		97.20		972.00	972.00
8	2" PVC Clamp		40.00	pieces		32.40		1,296.00	1,296.00
	Estimated Direct Cost (EDC)							(21,868.00)	798,644.73
	Indirect Cost								
	A. Overhead, Contingencies & Misc.	12%						(2,624.16)	95,837.37
	B. Contractor's Profit	8%						(1,749.44)	63,891.58
	C. Value Added Tax	5%						(1,312.08)	47,918.68
	Total Project Cost							(27,553.66)	1,006,292.36
									978,738.68

Prepared By:

EDUARDO A. LUNZO
PMD Staff

Checked By:

KATHLEEN DC. MELENDREZ
Planning Officer IV

Recommending Approval:

EDUARDO C. VILLALON JR.
Planning Officer IV

APPROVED:

CECILLE LORENZANA ROMERO
Executive Director III