



Phone: 341-2296 loc. 246
URL: <http://www.carsu.edu.ph>
Email Address:
marilou.umpad88@gmail.com



June 24, 2022

ANTHONY M. PENASO, Ph. D.
University President
This University

CARAGA STATE UNIVE: ITY	
OFFICE OF THE PRESIDENT	
RECEIVED	
27 JUN 2022	Time
Date	By:
Ref. No.	81-2875

Sir:

The undersigned would like to request from your office for approval of Variation Order No. 3 for the project: Completion of College of Engineering & Information Technology (CEIT) Complex Building.

Hoping for your favourable approval on this request.

Very truly yours,

ENGR. MARILOU G. UMPAD
Director, Office of the General Services

Recommending approval:

ARMIE LEILA M. MORDENO, DPA, CSEE
Vice President for Administration and Finance/CAO
R&F/CEIT Projects Fy 2021/Buildings - 102,039,626.12
DPR/BS 107-2-02-114 6/23/22

Approved:

ANTHONY M. PENASO, Ph. D.
University President

CSU - VPAF	
Ampayon, Butuan City	
Vice President for	
Administration and Finance	
RECEIVED	
By:	KIPPA
Date:	6/24/22
Time:	Ref. No. 546

CSU - BUDGET	
Ampayon, Butuan City	
RECEIVED	
By:	Pochie
Date:	6/24/22
Time:	1:43 pm
Ref. No.:	2103

PROPOSED VARIATION ORDER NO. 03

Project Name : Completion of College of Engineering and Information Technology (CEIT) Complex Building B

Location

You are Herby directed to make herein described changes from the plans and specifications of the following described work not included in the plans and specification

DESCRIPTION OF WORK TO BE DONE:

ITEM/S CHANGE:

- 1.) Increase Item/s : Item SPL 9 Stainless Steel Railings ; Item SPL 13 Septic Tank ; Item 712 Metal Works ; Item 1013 Metal Roofing ; Item 404-C Deformed Steel Bars ; Item 405-C Reinforced Concrete Class "A" ;
Item 712-C Metal Works (Canopy/Parking) ; Item 803-C Excavation ; Item 1008 1/4" thk. Reflective Glass Window in Aluminum Framing (Anakol Finish) ; Item 1010a Doors (Solid Panel Door) ;
Item 712b Metal Works (Cafeteria/Stairs and Steel Canopy) ; Item 1018b Tile Works for CR ; Item 1032d Painting Works (Metal) ; Item 10101 Wires and Wiring Devices ; Item 1033 Painting
- 2.) Decrease Item/s : Item SPL 124 Built-Up Steel Canopy (Slab) ; SPL 22 1/4" thk. Canopy Glass Cover ; Deleted Item/s : Item SPL 18 Auditorium (Sound Proofing, Lighting, Doors and Tiles) ; Item 1013-C Roofing Work
- 3.) Revised Item/s : Item SPL 23 Granite Slab for CR ; Extra Work/s : Item SPL 24 Smooth Floor Finish ; Item 1013b Metal Roofing (Parking) ; Item SPL 25 Spandrel Framing ;
Item SPL 26 Additional Sprinkler Heads ; SPL 27 Metal Canopy Roofing

REASON FOR CHANGE:

- 1.) Increase of quantity to suit the actual field condition.
- 2.) Decrease of quantity to suit the actual field condition.
- 3.) Extra Works / New Item ; For revision due to the change of materials/specification

ITEMIZED QUANTITIES AND COST OF REVISION IS SHOWN IN THE ATTACHED BILL OF QUANTITIES AND COST ESTIMATE

We the undersigned Contractors have given careful consideration to the change proposed and hereby agree, if this proposal is approved that we will provide all equipment, furnish all materials except as maybe otherwise be noted and perform all services necessary for work above specified and will accept as full payment therefor the prices shown on the second page of the attached sheet.

Original Contract Amount	:	Php 102,039,626.12
Difference in Cost due to this Change	:	Php 0.00
Net Cost of Previous Change	:	None
Total Cost of Change	:	Php 0.00
Estimated Revised Contract Amount	:	Php 102,039,626.12
Percentage Change in Original Contract Value (+) or (-)	:	+ 0.00%
Original Contract Time	:	300 Calendar Days
Proposed Time Extension due to this Variation No. 01	:	30 Calendar Days
Proposed Time Extension due to this Variation No. 02	:	60 Calendar Days
Proposed Time Extension due to this Variation No. 03	:	30 Calendar Days
Revised Contract Time (if T.E is approved)	:	390 Calendar Days
Effectivity of Contract	:	Feb. 18, 2021
Original Expiry Date	:	Dec. 14, 2021
Revised Expiry Date (if T.E is approved)	:	June 22, 2022

DATE

: _____

Prepared:

CONTRACTOR

ENGR. MARIZEL PHARNELE G. GUMADLAS
Engineer (GSO)

Conformed:

ENGR. FERNANDO D. GALAROZA
RCSD- Contractor

Verified/Checked:

Verified/Checked:

ENGR. MARIZEL PHARNELE G. GUMADLAS
Project Engineer/ Director-GSO

MICHELLE V. CAPITANA, D. Eng.
Director, Planning and Development

Recommending Approval:

ARMIE LEILA MONTILLA-MORENO, DPA, CSEE
Vice President for Administration and Finance

Approved:

ANTHONY M. PENASO, Ph.D.
University President

Allotment Availability:

MA. VICTORIA M. LABISTO, CPA
Director, FMSB
Km 20.210 Project Road 1 Building
102, OML, Isabela, 12

Phone: (+63 85) 3414-3249
(+63 85) 342-3270
(+63 85) 342-3270
URL: <http://www.csu.edu.ph>
Email address: opcsu@csu.edu.ph



ITEMIZED COST OF REVISION FOR THIS VARIATION ORDER NO. 03
 (Proposed Variation Order No. 03)
 (Proposed Variation Order No. 03)
 (Proposed Variation Order No. 03)

Item No.	DESCRIPTION	UNIT	UNIT COST (Pph.)	REVISED QUANTITY From V.O. 2		THIS CHANGE ORDER NO. 03		REVISED CONTRACT QUANTITY IF THIS VARIATION ORDER NO. 03 IS APPROVED	
				Quantity	Amount (P)	DEDUCTIVE	ADDITIVE	Quantity	Amount (P)
MAIN BUILDING									
SPL 1	Project Billboard	1.s.	6,939.51	1.00	6,939.51			1.00	6,939.51
SPL 2	Construction Safety and Health	1.s.	143,366.31	1.00	143,366.31			1.00	143,366.31
SPL 5	Steel Decking	Sheets	3,282.27	753.00	2,471,545.31			753.00	2,471,545.31
SPL 6	Toilet Partition (Phenolic Toilet Partitions)	sets	30,903.54	27.00	834,395.58			27.00	834,395.58
SPL 9	Stainless Steel Railings	1.m.	4,803.32	625.90	3,006,397.99			14.00	67,246.48
SPL 13	Septic Tank	sq.m.	6,878.68	8.10	55,717.31			8.10	55,717.31
SPL 14	Fire Sprinkler System (with Jockey Motor Pump & Pressure)	1.s.	5,471,866.50	1.00	5,471,866.50			1.00	5,471,866.50
SPL 15	Fire Detection and Alarm System	1.s.	1,188,680.38	1.00	1,188,680.38			1.00	1,188,680.38
SPL 18	Auditorium (Sound Proofing, Lighting Doors and Tiles)	sq.m.	9,659.77	334.10	3,240,693.16	334.10	3,240,693.16	-	0.00
404	Deformed Steel Bars	kgs.	73.93	209,840.11	15,513,479.33			209,840.11	15,513,479.33
405	Reinforced Concrete Class 'A'	cu.m.	6,655.80	1,106.55	7,364,975.49			1,106.55	7,364,975.49
704	Masonry Works	sq.m.	1,823.46	3,183.55	5,805,076.09			3,183.55	5,805,076.09
712	Metal Works	kgs.	141.04	50,788.40	7,163,195.94			3,893.50	54,681.90
1002	Plumbing Fixtures and Piping	sets	6,252.03	121.00	756,495.63			121.00	756,495.63
1003	Ceiling Works	sq.m.	583.53	2,802.33	1,629,638.96			2,802.33	1,629,638.96
1007	10mm tk. Reflected Glass Doors	sets	75,390.98	3.00	229,172.95			3.00	229,172.95
1013	Metal Roofing	sq.m.	2,747.19	424.00	1,164,808.56			148.46	407,847.83
2018	Tiles	sq.m.	1,062.63	2,663.95	2,830,793.19			42.24	44,880.18
2027	Plastering Works	sq.m.	155.67	8,143.59	1,267,712.66			8,143.59	1,267,712.66
1032	Painting	sq.m.	222.80	9,512.07	2,119,288.97			322.80	7,191.984
1100	Electrical Wiring, Fixtures and Piping	sets	1,075.86	784.00	843,474.24			784.00	843,474.24

LAND IMPROVEMENT						
SPL-2	Construction Safety and Health	l.s.	92,464.06	1.00	92,464.06	1.00
SPL-5B	Concrete Drainage A (Main Street)	l.m.	4,383.71	329.00	1,442,240.59	329.00
SPL-6B	Concrete Drainage B (Side Walk)	l.m.	2,650.03	325.47	858,625.90	326.47
SPL-7B	Concrete Drainage C (Outlet From Building)	l.m.	3,385.98	22.00	74,491.56	22.00
SPL-9B	1H-P Jet Pump with Pressure Tank	sets	30,328.21	1.00	30,328.21	-
104-B	Embankment	cu.m.	761.03	4,416.00	3,360,708.48	4,416.00
311-B	0.15 Mts. Thk. Concrete Pavement (3000 Psi)	cu.m.	6,390.46	341.16	2,180,169.33	294.49
800	Cleaving and Grabbing	sq.m.	13.36	6,932.00	92,611.52	6,932.00
803	Excavation	cu.m.	706.62	270.28	190,985.25	270.28
1002-B	Plumbing Fixtures and Pippings (Landscaping)	l.s.	73,344.38	1.00	73,344.38	1.00
1100-B	Roughing-ins of Electrical (Land Improvement)	l.m.	121.71	1,275.75	155,271.53	1,275.75
1101-B	Wires and Wiring Devices	l.m.	53.92	2,551.50	137,576.88	2,551.50
CANOPY PARKING						
404-C	Deformed Steel Bars	kgs.	85.60	223.81	19,153.14	1,556.39
405-C	Reinforced Concrete Class 'A'	cu.m.	6,222.65	5.33	33,166.72	7.57
712-C	Metal Works (Canopy Parking)	kgs.	137.74	2,281.90	314,308.91	2,530.83
803-C	Excavation	cu.m.	723.02	19.20	13,881.98	4.55
Revised Item/s From V.O. 1						
1013-C	Roofing Works	lot	80,343.90	1.00	80,343.90	1.00
1008	1/4" thk. Reflected Glass Window in Aluminum Framing (Anakok Finish)	sq.m.	5,641.85	1,384.01	7,808,380.33	34.21
1010a	Doors (Solid Panel Door)	sq.m.	10,288.20	74.34	764,824.96	1.47
1010b	Doors (Glass Door)	sq.m.	6,613.82	35.37	233,930.80	35.37
1010c	Doors (Metal Door)	sq.m.	7,380.82	15.81	116,680.75	15.81

New Item - Extra Works From V.O. 1						
MAIN BUILDING						
712b	Metal Works (Cafeteria Stairs and Rear Canopy)	kgs.	140.11	12,460.14	1,745,734.66	2,558.34
712c	Metal Works (Inside Canopies)	kgs.	140.58	27,337.83	3,843,205.66	27,337.83
SPL 15	Rectangular Steel Tribe Louver at Stair	l.s.	1,218,653.15	1.00	1,218,653.15	1.00
1018b	Tile Works for CR	sq.m.	1,868.22	350.19	654,233.71	28.86
SPL 12	Built-Up Steel Canopy Framing	kgs.	139.68	27,650.57	3,862,231.60	27,650.57
1032c	Painting Works (Wood)	sq.m.	545.02	74.34	40,516.81	74.34
1033d	Painting Works (Metal)	sq.m.	208.12	750.00	156,087.49	313.53
SPL 22	1/4" Ink. Canopy Glass Cover	sq.m.	4,897.49	418.92	2,051,957.19	65,250.81
SPL 21	Formworks and Falseworks	l.s.	1,069,444.36	1.00	1,069,444.36	1.063.53
New Item - Extra Works V.O. 2						
SPL 20b	Catch Basin (Front of the Building)	sets	6,094.73	14.00	85,326.15	14.00
SPL 19	Auditorium Thermal Insulation	sq.m.	201.34	450.00	90,601.88	450.00
1013B	Auditorium Thermal Insulation	sq.m.	1,490.18	511.25	761,852.69	-
712D	Metal Works (Auditorium Roof Framing)	kgs.	126.30	9,205.00	1,162,621.24	9,205.00
SPL 12A	Built Up Canopy Concrete Slab	cu.m.	4,885.42	45.09	220,283.59	10.82
SPL 12B	Built Up Canopy U-Ceiling (Spandrel)	sq.m.	651.88	988.19	644,181.30	988.19
SPL 23	Granite Slab for CR	pcs.	1,100.00	6.00	6,600.00	For Revision
SPL 8B	Concrete Paving Blocks (with Compacted sub-base Preparation)	sq.m.	1,136.64	57.68	65,561.56	-
						0.00

Revised Item/s - V.O. 2											
1102	Panel Boards	sets	48,216.31	14.00	675,028.38				14.00		675,028.38
1101	Wires and Wiring Devices	lot	2,504,582.46	1.00	2,504,582.46			0.51	1,276,959.45	1.51	3,781,541.91
Revised Item/s - V.O. 3											
SPL 23	Granite Slab for CR	pcs.	11,028.57						14.00		154,400.00
New Item - Extra Works V.O. 3											
SPL 24	Smooth Floor Finish	sq.m.	136.70						337.00		46,068.75
20138	Metal Roofing (Parking)	sq.m.	648.00						50.00		32,399.85
SPL 25	Spandrel Framing	l.s.	67,564.84						1.00		67,564.84
SPL 26	Additional Spinnaker Heads	pcs.	3,128.48						25.00		78,211.88
SPL 27	Metal Canopy Roofing	sq.m.	774.38						234.30		181,436.06
Total					102,039,626.12			4,245,147.18	3,691,665.80		102,039,626.12
Total Net Amount for V.O. - 3											
					102,039,626.12				102,039,626.12		0.00

Conformed

RRCSDC
Contractor

ENGR. FERNANDO D. GABREZZA
Project Engg, Director-GSO

Verfied as to Quantities : Checked:

Approved:
MICHELLE V. JAPITANA, D. Eng.
ANTHONY M. PENAS, Ph.D.

University President

New Item/s - V.O. 3

ENGR. MARIA CYPRIADELLA G. GUMADLAS
Project Engg, Director-GSO

Prepared:

ENGR. MARIA CYPRIADELLA G. GUMADLAS
Project Engg, Director-GSO

Approved:
MICHELLE V. JAPITANA, D. Eng.
ANTHONY M. PENAS, Ph.D.

University President

VARIATION ORDER NO.:# 3
 Project Name : *Completion of College of Engineering and Information Technology (CEIT) Complex Building B*
 Location : Brgy. Ampayon, Butuan City
 Contractor : Reyrose Construction & Supply Dev't. Corp. (RRCSDC)

FIRMED -UP QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY			PROPOSED VARIATION ORDER NO.03	REASONS FOR CHANGE
			PER- APPROVED REVISED CONTRACT FROM V.O. 2	VARIANCE DEDUCTIVE	ADDITIVE		
MAIN BUILDING							
SPL 1	Project Billboard	l.s.	1.00			1.00	As is
SPL 2	Construction Safety and Health	l.s.	1.00			1.00	As is
SPL 5	Steel Decking	Sheets	753.00			753.00	As is
SPL 6	Toilet Partition (Phenolic Toilet Partitions)	sets	27.00			27.00	As is
SPL 9	Stainless Steel Railings	l.m.	625.90			639.90	Increase of quantity to suit the actual field condition.
SPL 13	Septic Tank	sq.m.	8.10			8.10	Increase of quantity to suit the actual field condition.
SPL 14	Fire Sprinkler System (with jockey Motor Pump & Pressure)	l.s.	1.00			1.00	As is
SPL 15	Fire Detection and Alarm System	l.s.	1.00			1.00	As is
SPL 18	Auditorium (Sound Proofing) Lighting, Doors and Tiles	sq.m.	334.10			0.00	Item deleted due to prior to other item
404	Deformed Steel Bars	kgs.	209,840.11			209,840.11	As is
405	Reinforced Concrete Class 'A'	cum.	1,106.55			1,106.55	As is
704	Masonry Works	sq.m.	3,183.55			3,183.55	As is
712	Metal Works	kgs.	50,788.40			54,681.90	Increase of quantity to suit the actual field condition.
1002	Plumbing Fixtures and Fittings	sets	121.00			121.00	As is
1003	Ceiling Works	sq.m.	2,802.33			2,802.33	As is
1007	10mm tkh. Reflected Glass Doors	sets	3.00			3.00	As is
1013	Metal Roofing	sq.m.	424.00			572.46	Increase of quantity to suit the actual field condition.
1018	Tiles	sq.m.	2,663.95			42.24	2,706.19 As is
1027	Plastering Works	sq.m.	8,143.59			8,143.59	As is
1032	Painting	sq.m.	9,512.07			322.80	9,834.87 Increase of quantity to suit the actual field condition.
1100	Electrical Wiring, Fixtures and Pipings	sets	784.00			784.00	As is

LAND IMPROVEMENT						
SPL 2	Construction Safety and Health	1.s	1.00		1.00	As is
SPL 5B	Concrete Drainage A (Main Street)	l.m.	329.00		329.00	As is
SPL 6B	Concrete Drainage B (Side Walk)	l.m.	326.47		326.47	As is
SPL 7B	Concrete Drainage C (Outlet From Building)	l.m.	22.00		22.00	As is
SPL 9B	1HP Jet Pump with Pressure Tank	sets	1.00	1.00	0.00	Item deleted due to prior to other item
104-B	Embankment	cum.	4,416.00		4,416.00	As is
311-B	0.15 Ms. Thk. Concrete Pavement (3000 Psi)	cum.	341.16	46.67	294.49	Decrease of quantity to suit the actual field condition.
800	Clearing and Grabbing	sq.m.	6,932.00		6,932.00	As is
803	Excavation	cum.	270.28		270.28	As is
1002-B	Plumbing Fixtures and Pippings (Landscaping)	l.s.	1.00		1.00	As is
1101-B	Roughing-ins of Electrical (Land Improvement)	l.m.	1,275.75		1,275.75	As is
1101-B	Wires and Wiring Devices	l.m.	2,551.50		2,551.50	As is
CANOPY PARKING						
404-C	Deformed Steel Bars	kgs.	223.81		1,556.39	1,780.20
405-C	Reinforced Concrete Class "A"	cum.	5.33	7.57	12.90	Increase of quantity to suit the actual field condition.
712-C	Metal Works (Canopy Parking)	kgs.	2,281.90		2,530.83	4,812.73
803-C	Excavation	cum.	19.20	4.55	23.75	Increase of quantity to suit the actual field condition.
Revised Item/s From V.O. 1						
1013-C	Roofing Works	lot	1.00	1.00	0.00	Item deleted due to prior to other item
1008	1/4" Thk. Reflected Glass Window in Aluminum Framing (Analok Finish)	sq.m.	1,384.01	34.21	1,418.22	Increase of quantity to suit the actual field condition.
1010a	Doors (Solid Panel Door)	sq.m.	74.34	1.47	75.81	Increase of quantity to suit the actual field condition.
1010b	Doors (Glass Door)	sq.m.	35.37		35.37	As is
1010c	Doors (Metal Door)	sq.m.	15.81		15.81	As is
New Item - Extra Works From V.O. 1						
MAIN BUILDING						
712b	Metal Works (Cafeteria, Stalls and Rear Canopy)	kgs.	12,460.14	2,558.34	15,018.48	Increase of quantity to suit the actual field condition.
712c	Metal Works (Inside Canopies)	kgs.	27,337.83		27,337.83	As is
SPL 15	Rectangular Steel Tube Louver at Stair	l.s.	1.00		1.00	As is
1018b	Title Works for CR	sq.m.	350.19	28.86	379.05	Increase of quantity to suit the actual field condition.
SPL 12	Built-Up Steel Canopy Framing	kgs.	27,650.57		27,650.57	As is
1032c	Painting Works (Wood)	sq.m.	74.34		74.34	As is
1032d	Painting Works (Metal)	sq.m.	750.00	313.53	1,063.53	Increase of quantity to suit the actual field condition.
SPL 22	1/4" Thk. Canopy Glass Cover	sq.m.	418.92	78.92	340.00	Decrease of quantity to suit the actual field condition.
SPL 21	Formworks and Falseworks	l.s.	1.00		1.00	As is
New Item - Extra Works V.O. 2						
SPL 20B	Catch Basin (Front of the Building)	sets	14.00		14.00	As is
SPL 19	Auditorium Thermal Insulation	sq.m.	450.00	450.00	0.00	Item deleted due to prior to other item

~U	Metall Roofing (Auditorium)	sq.m.	511.25	511.25 As is
SPL 12A	Metal Works (Auditorium Roof Framing)	kgs.	9,205.00	9,205.00 As is
SPL 12B	Bull Up Canopy U-Ceiling (Sprandrel)	cm.	45.09	34.27 Decrease of quantity to suit the actual field condition.
SPL 23	Granite Slab for CR	l.m.	10.82	988.19 As is
SPL 8B	Concrete Paving Blocks (with Compacted sub-base Preparation)	pos.	6.00	For Revision
SPL 23	Granite Slab for CR	sq.m.	57.68	0.00 Item deleted due to prior to other item
Revised Item/s - V.O. 2				
1102	Panel Boards	sets	14.00	14.00 As is
1101	Wires and Wiring Devices	mts.	1.00	0.51 Increase of quantity to suit the actual field condition.
New Item - Extra Works V.O. 3		pos.		
SPL 24	Smooth Floor Finish	sq.m.		14.00 Revised Item
1013B	Metal Roofing (Parking)	sq.m.		337.00 Extra Work
SPL 25	Spandrel Framing	l.s.		50.00 Extra Work
SPL 26	Additional Sprinkler Heads	pos.		1.00 Extra Work
SPL 27	Metal Canopy Roofing	sq.m.		25.00 Extra Work
				234.30 Extra Work

Prepared:

ENGR. MARC ZYLA PADILLA, G. GUMADIAS
Engineer-1 GSO

Conformed:
ENGR. MARC ZYLA PADILLA, G. GUMADIAS
ENGR. FERNANDO D. GALAROZA
RRCSDC - Contractor

Checked/Reviewed:

ENGR. MARILYN G. UMPAD
Project Engineer, Director-GSO

Director, Planning and Development

Approved:

MICHELLE V. JAPTIANA, D. Eng.
ANTHONY M. PENASCO, Ph.D.
University President