



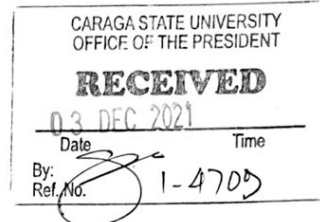
Republic of the Philippines
CARAGA STATE UNIVERSITY
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Competence Service Uprightness
OFFICE OF THE GENERAL SERVICES

Phone (+63 85) 341-3249
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URL: <http://www.carsu.edu.ph>
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November 29, 2021

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



Sir:

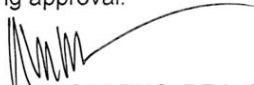
The undersigned would like to request from your office for approval of the Variation Order No. 2 for the project, Completion of College of Engineering and Information Technology Complex Building B.

Hoping for your favorable approval on this request.

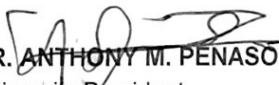
Very truly yours,

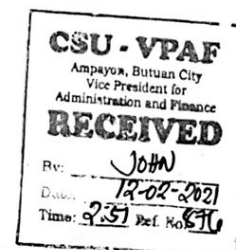

ENGR. MARILON G. UMPAD
Director, Office of the General Services

Recommending approval:


ARMIE LEILA M. MORDENO, DPA, CSEE
Vice President for Administration and Finance/CAO

Approved:


DR. ANTHONY M. PENASO
University President





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Email: office@caraga.edu.ph

PROPOSED VARIATION ORDER NO. 02

Project Name : **Completion of College of Engineering and Information Technology (CEIT) Complex Building B**
Location : **Reyose Construction & Supply Dev't. Corp. (RRCSDC)**

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.) Decrease Item/s : Item SPL 5 Steel Decking ; Item 404 Deformed Steel Bars ; Item 405 Reinforced Concrete Class "A" ; Item 1003 Ceiling Works ; Item 1027 Plastering Works ; Item 1032 Painting Works & Item SPL 12 Built up Canopy Framing
- 2.) Increase Item/s : Item SPL 9 Stainless Steel Railings ; Item 704 Masonry Works ; Item 1002 Plumbing Fixtures & Piping ; Item 1018 Tiles & Item 1008 1/4" thk. Reflected Glass Window in Aluminum Framing (Analog Finish)
- 3.) Extra Work/s : Item SPL 208 Catch Basin (Front of the Building) ; Item SPL 19 Auditorium Thermal Insulation ; Item 1013B Metal Roofing (Auditorium) ; Item 712D Metal Works (Auditorium Roof Framing) ; Item SPL 12A Built-Up Steel Canopy (Slab) ; Item SPL 128 Built Up Canopy U-Ceiling (Sprandrel) ; Item SPL 23 Granite Slab for CR & Item SPL 8B Concrete Paving Blocks (with Compacted sub-base Preparation)
- 4.) Revised Item/s : Item 1102 Panel Boards & Item 1101 Wires & Wiring Devices

REASON FOR CHANGE:

- 1.) Decrease of quantity due to change of scope of work ; Decrease of quantity due to change of design.
- 2.) Increase of quantity to suit the actual field condition.
- 3.) Extra Works / New Item
- 4.) 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 chage 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 thereto 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
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) : March 14, 2022

DATE : _____
CONTRACTOR : **ENGR. REYNAL L. BUENA**
Engineer - GSO

Confirmed: **ENGR. FREDERICO D. GALARZA**
RRCSDC - Contractor

Verified/Checked: **ENGR. MARILYN G. UMPAD**
Project Engineer, Director-GSO

Recommending Approval: **ARMIE LEILA MONTILLA-MORDENO, DPA, CSEE**
Vice President for Administration and Finance

Verified/Checked: **MICHELLE V. JAPYANA, D. Eng.**
Director, Planning and Development
Approved: **ANTHONY M. PENASO, Ph.D.**
University President



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VARIATION ORDER NO.: # 2

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	PER-APPROVED REVISED CONTRACT FROM V.O. 1	QUANTITY		PROPOSED VARIATION ORDER NO.02	REASONS FOR CHANGE
				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	863.00	110.00		753.00	Decrease of quantity due to change of design.
SPL 6	Toilet Partition (Phenolic Toilet Partitions)	sets	27.00			27.00	As is
SPL 9	Stainless Steel Railings	l.m.	527.54		98.36	625.90	Increase of quantity to suit the actual field condition.
SPL 13	Septic Tank	sq.m.	8.10			8.10	As is
SPL 14	Fire Sprinkler System (with jockey Motor Pump &	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			334.10	As is
404	Deformed Steel Bars	kgs.	226,802.19	16,962.08		209,840.11	Decrease of quantity due to change of design.
405	Reinforced Concrete Class "A"	cu.m.	1,190.61	84.06		1,106.55	Decrease of quantity due to change of design.
704	Masonry Works	sq.m.	3,179.10		4.45	3,183.55	Increase of quantity to suit the actual field condition.
722	Metall Works	kgs.	50,788.40			50,788.40	As is
1002	Plumbing Fixtures and Pplings	sets	113.00		8.00	121.00	Increase of quantity to suit the actual field condition.
1003	Ceiling Works	sq.m.	3,059.91	257.58		2,802.33	Decrease of quantity due to change of design.
1007	10mm thk. Reflected Glass Doors	sets	3.00			3.00	As is
1013	Metall Roofing	sq.m.	424.00			424.00	As is
1018	Tiles	sq.m.	2,921.14		166.35	3,087.49	Increase of quantity to suit the actual field condition.
1027	Plastering Works	sq.m.	8,200.57	56.98		8,143.59	Decrease of quantity due to change of design.
1032	Painting	sq.m.	9,569.05	56.98		9,512.07	Decrease of quantity due to change of design.
1100	Electrical Wiring, Fixtures and Pplings	sets	784.00			784.00	As is
1101	Wires and Wiring Devices	l.m.	14,210.00			14,210.00	For revision due to the change of materials specification
1102	Panel Boards	sets	25.00			25.00	For revision due to the change of materials specification

LAND IMPROVEMENT									
SPL 2	Construction Safety and Health	l.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	As is	
104-B	Embankment	cu.m.	4,416.00				4,416.00	As is	
311-B	0.15 Mts. Thk. Concrete Pavement (3000 Psi)	cu.m.	341.16				341.16	As is	
800	Cleaning and Grabbing	sq.m.	6,932.00				6,932.00	As is	
803	Excavation	cu.m.	270.28				270.28	As is	
1002-B	Plumbing Fixtures and Piping (Landscaping)	l.s.	1.00				1.00	As is	
1100-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				223.81	As is	
405-C	Reinforced Concrete Class 'A'	cu.m.	5.33				5.33	As is	
712-C	Metal Works (Canopy Parking)	kgs.	2,281.90				2,281.90	As is	
803-C	Excavation	cu.m.	19.20				19.20	As is	
Revised Item/s From V.O. 1									
1013-C	Roofing Works	lot	1.00				1.00	As is	
1008	1/4" thk. Reflected Glass Window in Aluminum Framing (Analak Finish)	sq.m.	1,203.31		180.70		1,384.01	Increase of quantity to suit the actual field condition.	
1010a	Doors (Solid Panel Door)	sq.m.	74.34				74.34	As is	
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, Stairs and Rear Canopy)	kgs.	12,460.14				12,460.14	As is	
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	Tile Works for CR	sq.m.	350.19				350.19	As is	
SPL 12	Build-Up Steel Canopy Framing	kgs.	57,144.30		29,493.42		27,650.88	Decrease of quantity due to change of design.	
1032c	Painting Works (Wood)	sq.m.	74.34				74.34	As is	
1032d	Painting Works (Metal)	sq.m.	750.00				750.00	As is	
SPL 22	1/4" thk. Canopy Glass Cover	sq.m.	418.92				418.92	As is	
SPL 21	Formworks and Falseworks	l.s.	1.00				1.00	As is	

New Item - Extra Works V.O. 2						
SPL 208	Catch Basin (Front of the Building)	sets			14.00	Extra Work
SPL 19	Auditorium Thermal Insulation	sq.m.			450.00	Extra Work
10138	Metel Roofing (Auditorium)	sq.m.			511.25	Extra Work
712D	Metel Works (Auditorium Roof Framing)	kgs.			9,205.00	Extra Work
SPL 12A	Built-Up Steel Canopy (Slab)	cu.m.			45.09	Extra Work
SPL 128	Built-Up Canopy U.Ceiling (Sprandrel)	l.m.			988.19	Extra Work
SPL 23	Granite Slab for CR	pcs.			6.00	Extra Work
SPL 88	Concrete Paving Blocks (with Compacted sub-base Preparation)	sq.m.			802.71	Extra Work
Revised Item/s - V.O. 2						
1102	Panel Boards	sets			14.00	Revised Item
1101	Wires and Wiring Devices	mts.			1.00	Revised Item

Prepared:

Checked/Reviewed:

Checked:

Approved:

ENGR. REYNAN L. BUENA
Engineer-I, GSO

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

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

ANTHONY M. PENASO, Ph.D.
University President

Conformed:

ENGR. FERNANDO A. SALAROSA
RRCSDC - Contractor

ITEMIZED COST OF REVISION FOR THIS VARIATION ORDER NO. 02
 (Proposed Variation Order No. 02)

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)

Item No.	DESCRIPTION	UNIT	UNIT COST (Php.)	REVISED QUANTITY FROM V.O. 1		THIS CHANGE ORDER NO. 02		REVISED CONTRACT QUANTITY IF THIS VARIATION ORDER NO. 02 IS APPROVED	
				Quantity	Amount (P)	DEDUCTIVE	ADDITIVE	Quantity	Amount (Php.)
MAIN BUILDING									
SPL 1	Project Billboard	ls	6,939.51	1.00	6,939.51			1.00	6,939.51
SPL 2	Construction Safety and Health	ls	143,366.31	1.00	143,366.31			1.00	143,366.31
SPL 5	Steel Decking	sheets	3,282.27	863.00	2,832,599.01	110.00	361,049.70	753.00	2,471,549.31
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	lm.	4,803.32	527.54	2,533,943.43			625.90	3,006,397.99
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)	ls	5,471,866.50	1.00	5,471,866.50			1.00	5,471,866.50
SPL 15	Fire Detection and Alarm System	ls	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.	9,699.77	334.10	3,240,693.16			334.10	3,240,693.16
404	Deformed Steel Bars	kgs.	73.93	226,802.19	16,767,465.90	16,962.08	1,254,006.57	209,840.11	15,513,479.33
405	Reinforced Concrete Class "A"	cu m.	6,655.80	1,190.61	7,924,462.04	84.06	559,486.55	1,106.55	7,364,975.49
704	Masonry Works	sq m.	1,823.46	3,179.10	5,796,961.69			3,183.55	5,805,076.09
712	Metel Works	kgs.	141.04	50,788.40	7,163,195.94			50,788.40	7,163,195.94
1002	Plumbing Fixtures and Pippings	sets	6,252.03	113.00	706,479.39			121.00	756,495.63
1003	Ceiling Works	sq m.	581.53	3,059.91	1,779,429.46	257.58	149,790.50	2,802.33	1,629,638.96
1007	10mm thk. Reflected Glass Doors	sets	76,390.98	3.00	228,172.95			3.00	229,172.95
1013	Metel Roofing	sq m.	2,747.19	424.00	1,164,808.56			424.00	1,164,808.56
1018	Tiles	sq m.	1,062.63	2,497.60	2,654,024.69			2,663.95	2,830,793.19
1027	Plastering Works	sq m.	155.67	8,200.57	1,276,582.74	56.98	8,870.08	8,143.59	1,267,712.66
1032	Painting	sq m.	222.80	9,569.05	2,131,984.11	56.98	12,695.14	9,512.07	2,119,288.97
1100	Electrical Wiring, Fixtures and Pippings	sets	1,075.86	784.00	843,474.24			784.00	843,474.24
1101	Wires and Wiring Devices	l.m.	84.22	14,210.00	1,196,766.20				
1102	Panel Boards	sets	11,248.65	25.00	281,216.25				
				For Revision		For Revision		For Revision	

LAND IMPROVEMENT												
SPL 2	Construction Safety and Health	l.s.	92,464.06	1.00	92,464.06						1.00	92,464.06
SPL 5B	Concrete Drainage A (Main Street)	l.m.	4,383.71	329.00	1,442,240.59						329.00	1,442,240.59
SPL 6B	Concrete Drainage B (Side Walk)	l.m.	2,630.03	326.47	858,625.90						326.47	858,625.90
SPL 7B	Concrete Drainage C (Outlet From Building)	l.m.	3,385.98	22.00	74,491.56						22.00	74,491.56
SPL 9B	1HP Jet Pump with Pressure Tank	sets	30,328.21	1.00	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	3,360,708.48
311-B	0.15 Mts. Thk. Concrete Pavement (3000 Psi)	cu.m.	6,390.46	341.16	2,180,169.33						341.16	2,180,169.33
800	Clearing and Grubbing	sq.m.	13.36	6,932.00	92,611.52						6,932.00	92,611.52
803	Excavation	cu.m.	706.62	270.28	190,985.25						270.28	190,985.25
1002-B	Plumbing Fixtures and Pplings (Landscaping)	l.s.	73,344.38	1.00	73,344.38						1.00	73,344.38
1100-B	Roughing-ins of Electrical (Land Improvement)	l.m.	121.71	1,275.75	155,271.53						1,275.75	155,271.53
1101-B	Wires and Wiring Devices	l.m.	53.92	2,551.50	137,576.88						2,551.50	137,576.88
CANOPY PARKING												
404-C	Deformed Steel Bars	kgs.	85.60	223.81	19,158.14						223.81	19,158.14
405-C	Reinforced Concrete Class 'A'	cu.m.	6,222.65	5.33	33,166.72						5.33	33,166.72
712-C	Metal Works (Canopy Parking)	kgs.	137.74	2,281.90	314,308.91						2,281.90	314,308.91
803-C	Excavation	cu.m.	723.02	19.20	13,881.98						19.20	13,881.98
Revised Item/s From V.O. 1												
1013-C	Roofing Works	lot	80,343.90	1.00	80,343.90						1.00	80,343.90
1008	1/4" thk. Reflected Glass Window in Aluminum Framing (Anelok Finish)	sq.m.	5,641.85	1,203.31	6,788,697.58						1,203.31	6,788,697.58
1010a	Doors (Solid Panel Door)	sq.m.	10,288.20	74.34	764,824.96						74.34	764,824.96
1010b	Doors (Glass Door)	sq.m.	6,613.82	35.37	233,930.80						35.37	233,930.80
1010c	Doors (Metal Door)	sq.m.	7,380.82	15.81	116,690.75						15.81	116,690.75
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						12,460.14	1,745,734.66
712c	Metal Works (Inside Canopies)	kgs.	140.56	27,337.83	3,843,205.66						27,337.83	3,843,205.66
SPL 15	Rectangular Steel Tube Louver at Stair	l.s.	1,218,653.15	1.00	1,218,653.15						1.00	1,218,653.15
1018B	Tie Works for CR	sq.m.	1,868.22	350.19	654,233.71						350.19	654,233.71
SPL 12	Built-Up Steel Canopy Framing	kgs.	139.68	57,144.30	7,981,828.31						57,144.30	7,981,828.31

