



SUPPLEMENTAL / BID BULLETIN (SBB) ADDENDUM NO. 01

This SBB Addendum No. 01 dated November 23, 2018 for the Project: **Completion of 4 Storey Academic Building Phase III - Bulanao Campus** is issued to clarify, modify or amend items in the Bidding Documents. Accordingly, this shall form an integral part of said Documents.

PARTICULARS				CLARIFICATION / AMENDMENT
On Item No. X-Scope of Works on the Terms of Reference under Section VI-Specifications, page 72-78 of the bid document, the following in highlighted yellow color are the revisions/modifications as result of Pre-bid Conference conducted on November 22, 2018 @ 10am:				
ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
900(1)c1	CONCRETE WORKS a. Columns (from 4th floor to roof deck) b. Columns (from roof deck to penthouse roof deck) c. Beams & Girders d. Fourth Floor Slab e. Roof Deck Slab f. Penthouse Deck Slab g. Stair 1 and landing h. Stair 2 i. Shear Wall j. counter slab k. canopy l. lintel beam m. elevator shear wall and slab m. Forms and Scaffoldings	495.19	cu.m.	-all concrete shall be class A = $f_c' \geq 21$ Mpa -covers item @ grid 1,4 (C,D,E,F,G,H,I,N,O,P,Q,R,S,T) w/ height = 4.40m -covers item @ grid 1-5 (A'-X) w/ height=3.20m -covers item @ grid 1-5 (A',A,B',B',J,K,L,M,U,V,W,X) w/ height 3.40m -covers item @ grid 2-3 (K,L) w/ height 2.70m -covers item @ grid 1-5 (A'-X) at roof deck & penthouse roof deck -covers item @ grid 1-4 (A'-T) and grid 4-5 (A'-X) -covers item @ grid1-5 (A'-X) -covers item @ grid1-5 (A'-X) -covers item @ grid J-K and L-M from 4th floor-deck -covers item @ grid A-B from 4th floor -penthouse -covers item @ grid U-X from Ground Landing - penthouse -covers item @ grid B,U,J (1-3) -covers item @ 3rd floor-4th floor and 4th floor-Deck. -covers item @ grid 1 (A'-X) from 3rd-Penthouse on the rear side. -covers item @ Deck level front side. -covers item @ grid A'-X from 3rd floor - Penthouse -covers item @ Third floor level- Penthouse including slab - it is suggested that the staging and scaffoldings should be lumbers *specs are as follows: *Portland cement *sand *gravel 1" *1/2" thk. plywood *form lumbers *lumber scaffolds *common wire nails (assorted)
902(1)a1	REINFORCING STEEL BARS	76,200.21	kgs.	-all reinforcing bars shall be grade 60 $f_y \geq 414$ Mpa and grade 40 $f_y \geq 275$ GRADE 60= 28,146.42 kgs. GRADE 40= 48,053.79 kgs.
1046(2)a1	MASONRY WORKS (CHB walls)	1,627.09	sq.m.	-covers item @ grid 1-5 (A'-X) from 3rd floor level-Penthouse level -CHB walls are 4" thick -specs are as follows: *4" thk. CHB *sand *cement *10mm dia RSB grade 40 *no. 16 GI tie wire
1027	CEMENT PLASTER FINISH	7,122.86	sq.m.	-covers item @ grid 1-5(A'-X) as specified in the plan (3rd floor- Penthouse exterior and interior) -includes partition walls, beams, columns, stairs and slabs
1018(7)	TILING WORKS(Glazed Tiles and Trims)	1,437.47	sq.m.	-covers item @ grid A-W @ third floor and fourth floor specified in the plan (CR wall, Classroom floors and Office floors) -specs are as follows: Super Gray and Supreme White or approved equal 600x600mm glazed Granite Tiles 600x600mm Granite Floor Tiles for offices and classrooms 600x600mm Granite Floor Tiles for CR walls Portland Cement Tile grout sand
1018(2)	TILING WORKS(Unglazed Tiles)	89.83	sq.m.	-covers item @ grid A-W from third floor- fourth floor specified in the plan (CR floors) -specs are as follows: (Gray Color or approved equal)



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ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
				.300x.300mm Unglazed Granite Floor Tiles for CR floors Portland Cement Tile grout sand
1010	DOORS	109.94	sq.m.	-covers item @ grid A'-X from Third floor- Penthouse as specified in the plan -specs are as follows: D1-2150x1000mm, good/hard/sturdy lumber and solid Door with Wood stain Finish w/ 2"x6" Wood Jamb w/ Wood stain Finished. D3-2150x900mm Panel Door w/ Wood stain Finish w/ 2"x6" Wood Jamb w/ Wood stain Finished. D3a-2150x900mm Panel Door w/ Wood stain Finish w/ 2"x6" Solid Wood D4-2150x1000mm Flush Door w/ Wood stain Finish & 2"x6" Wood Jamb w/ Wood stain Finished. D5-2150x1000mm Flush Door w/ Wood stain Finish & 2"x6" Wood Jamb w/ Wood stain Finished. D7-1850x700mm Flush Door w/ Wood stain Finish & 2"x6" Wood Jamb w/ Wood stain Finished. Cylindrical Door lockset stainless satin finish loose pin hinges x 100 CW nails x 100
1005	STEEL WINDOWS	1.00	I.s.	-covers item @ grid A'-X from Third floor- Penthouse as specified in the plan -specs are as follows: W1-3000X1500mm Primer and Enamel Pre-painted Steel Casement Window w/ 6mm Thick Clear Glass (Butterfly) W2-2400X600mm Primer and Enamel Pre-painted Steel Casement Window w/ 6mm Thick Clear Glass (Butterfly) W2b-1200X600mm Primer and Enamel Pre-painted Steel Casement Window w/ 6mm Thick Clear Glass (Butterfly) W4-1200X800mm Primer and Enamel Pre-painted Steel Casement Window w/ 6mm Thick Clear Glass (Butterfly) W5-1000X800mm Primer and Enamel Pre-painted Steel Casement Window w/ 6mm Thick Clear Glass (Butterfly) W6-3000X500mm Primer and Enamel Pre-painted Steel Casement Window w/ 6mm Thick Clear Glass (Butterfly) W7-600X500mm Primer and Enamel Pre-painted Steel Casement Window w/ 6mm Thick Clear Glass (Butterfly) W8-600X400mm Primer and Enamel Pre-painted Steel Casement Window w/ 6mm Thick Clear Glass (Butterfly)
1008(2)	ALUMINUM GLASS WINDOW	1.00	I.s.	-covers item @ grid A'-X third floor-fourth floor as specified in the plan -specs are as follows: W2a-2000X1500mm 6mm Analok Glass on Aluminum Frame w/ grills W3-1500X1200mm 6mm Analok Glass on Aluminum Frame w/ grills W10-3184X1250mm Tubular Casement Window w/ grills
1001(8)	PLUMBING WORKS (Rough-in) Soil Pipe Fittings:	1.00	I.s.	-covers item @ grid A'-X and 1-5 specified in the plan @ 3rd floor- Deck floor -for downspout, covers item @ grid A'-X and 1-5 specified in the plan @ Ground floor - Deck -specs are as follows: Ø100mm x 3.0m uPVC Pipe s-1000 Ø75mm x 3.0m uPVC Pipe s-1000 Ø50mm x 3.0m uPVC Pipe s-1000 (100mm x 100mm)-dia single branch u-PVC WYE (100mm x 50mm)-dia single branch u-PVC WYE (50mm x 50mm)-dia single branch u-PVC WYE Ø100mm uPVC Cleanout w/ Plug Ø50mm uPVC Cleanout w/ Plug Ø100 mm uPVC 90 deg. Elbow Ø75 mm uPVC 90 deg. Elbow Ø50 mm uPVC 90 deg. Elbow Ø100 mm uPVC 45 deg. Bend Elbow Ø50 mm uPVC 45 deg. Bend Elbow Ø100mm x Ø 75mm uPVC TEE Ø75mm x Ø 75mm uPVC TEE



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ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
	Downspout			Ø50mm uPVC P-Trap w/ Plug Ø100mm Clamp/Pipe hanger w/ complete accessories Ø50mm Clamp/Pipe hanger w/ complete accessories Solvent Cement (400cc/can) PVC Pipe S-1000 x 75mm dia. Ø75mm Clamp w/ complete accessories Ø75 mm uPVC 90 deg. Elbow Ø150 mm Stainless Floor Drain/Strainer Solvent Cement (400cc/can)
1002(6)	WATER SUPPLY PIPES AND FITTINGS	1.00	I.s.	-covers item @ grid A'-X and 1-5 specified in the plan @ 3rd floor-Deck floor -specs are as follows: Ø-25mm GI Pipe x 6m, sched 40 Ø-20mm GI Pipe x 6m, sched 40 Ø-12mm GI Pipe x 6m, sched 40 Ø-20mm Gate Valve Ø-20mm Control Valve Ø-25mm Elbow - GI Pipe Ø-20mm Elbow - GI Pipe Ø-12mm Elbow - GI Pipe Ø-25mm TEE - GI Pipe Ø-20mm TEE - GI Pipe Ø-12mm TEE - GI Pipe Ø-(20mm x 12mm) TEE -reducer - GI Pipe Ø-25mm Plain Coupling - GI Pipe Ø-12mm Plain Coupling - GI Pipe Ø-12mm Female Adaptor - GI Pipe Ø-12mm Male Adaptor - GI Pipe Solvent Cement (250cc) 1" Teflon Tape (U.S. - 12 rolls/box)
1002(5)	PLUMBING FIXTURES AND FITTINGS	1.00	I.s.	-covers item @ grid A'-X and 1-5 specified in the plan @ 3rd floor-Deck floor -specs are as follows: Water Closets with Complete Assembly (round) Wall Hung Lavatory with Complete Assembly & faucet Counter Top Lavatory with Complete Assembly & faucet 100x100mm Stainless Floor Drain Hygienic Faucet SS Hose bibb faucet SS Grab 30mm dia. Elegant Tissue Holder w/ Acc's Elegant Liquid/ Soap Holde w / Acc's Mirror size .6 x .7m
1100(19)	CONDUIT, BOXES AND FITTINGS	1.00	I.s	-covers items @ grid (A'-X) and 1-5 specified in the plan @ 3rd flr, 4th flr and penthouse -specs are as follows: 1. PVC conduit, 15mm, sched 80 2. PVC adapter with lacknut, 15mm 3. Elbow, 15mm 4. Utility Box (50 x 100) 5. Junction Box (Octagonal)
	a. For Lighting		In. m	1. PVC conduit, 20mm, sched 80 2. PVC adapter with locknut, 20mm 3. PVC elbow, 20mm 4. Utility Box (50 x 100)
	b. For Power		In. m	1. PVC conduit, 25mm, sched 80 2. PVC adapter with lacknut,25mm 3. PVC elbow, 25mm 4. PVC conduit, 20mm 5. PVC adapter with lacknut, 20mm 6. PVC elbow, 20mm 7. Utility Box (2 x 4") 8. Junction Box (Octagonal)
	c. For Appliance		In. m	1. RSC conduit, 40mm dia
	d. For Protection		In. m	
1103	Lighting Fixtures	1.00	I.s	-covers items @ grid (A'-X) and 1-5 specified in the plan @ 3rd flr, 4th flr and penthouse -specs are as follows: 1. 150mm dia recessed pin light with 230Vcompact florescent lamp similar to "Philips" PL-18, including accessories - Daylight 2. 2x21W LED Tube with box type
1100(18)	WIRES AND WIRING DEVICES	1.00	Is	-covers items @ grid (A'-X) and 1-5 specified in the plan @ 3rd flr, 4th flr and penthouse -specs are as follows:

Name of the Procuring Entity : KALINGA STATE UNIVERSITY
 Project Reference Number : RFQ_CIVILWORKS_2018-11-56
 Name of the Project : COMPLETION OF 4 STOREY ACADEMIC BUILDING PHASE III - BULANAO CAMPUS
 Location of the Project : KSU MAIN CAMPUS, NATIONAL HIGHWAY, PUROK 6, BULANAO CENTRO, TABUK CITY, KALINGA
 End-User Unit : HIGHER EDUCATION SERVICES C/O BULANAO CAMPUS ADMINISTRATOR
 Implementing Unit : INFRASTRUCTURE OFFICE
 Standard Form Number : SF-INFR-34



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ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
	a. For Lighting	6,842.00	m	2.0 mm ² THHN Stranded Wire (ISO Certified) Fluorescent fixture surface type w/ aluminum reflector 2x40w (daylight) Single Pole Switch (Wide Series) Two Gang Switch (Wide- Series) 3 Way Switch Electrical Tape B/S
	b. For Power	6,191.00	m	Emergency Light one gang outlet set 3.5 mm ² THHN Stranded Wire (ISO Certified) 2.0 mm ² THHN Stranded Wire (ISO Certified) Convenience outlet, 16A, duplex, 3prong, 250V Electrical Tape B/S
	c. For Appliance	4,176.00	m	5.5 mm ² THHN Stranded Wire (ISO Certified) 3.5 mm ² THHN Stranded Wire (ISO Certified) 2.0 mm ² THHN Stranded Wire (ISO Certified) Aircon Outlet Set Electrical Tape B/S
	d. For Sub Protection	435.00	m	30 mm ² THHN Stranded Wire (ISO Certified) 14 mm ² THHN Stranded Wire (ISO Certified) 8.0 mm ² THHN Stranded Wire (ISO Certified) Electrical Tape B/S
1102(21)	POWER LOAD CENTER, SWITCHGEAR AND PANELBOARDS	1.00	ls	-covers items @ grid (A'-X) and 1-5 specified in the plan @ 3rd flr, 4th flr and penthouse -specs are as follows: Panel Board NEMA 3R, Center Tap (20 Branches), 3P flush mounted w/ multi-terminal block for ground bus Bolt-on Circuit Breakers 2P - 15 Amp. Ckt. Breaker 2P - 20 Amp. Ckt. Breaker 2P - 30 Amp. Ckt. Breaker 2P - 60 Amp. Ckt. Breaker 2P - 90 Amp. Ckt. Breaker, TQD
1200(15)	AIRCONDITIONING AND VENTILATING SYSTEM	1.00	ls	-covers items @ grid (A'-X) and 1-5 specified in the plan @ 3rd flr, 4th flr and penthouse -specs are as follows: 1.5HP Aircon Unit split- Type Ceiling Fan , orbit type, 16" diameter, steel blade
1003(1)b2	CEILING	176.62	sq.m.	-covers item @ painted ceilings for CR as specified -specs are as follows: 2"x2"x12' good lumber 2"x2"x12' good lumber CORNICE(75mmx2.4m long)
1053	METAL RAILINGS (Stainless)	1.00	l.s.	-covers item @ grid 1-5 (A'-X) from Ground to Roof deck including Ramps. -specs are as follows: 4mm thk x 25 dia Stainless Steel Handrail 4mm thk x 38 dia Stainless Steel Handrail 4mm thk x 50 dia Stainless Steel Handrail Welding Rod for Stainless Steel
1047 (8)	STRUCTURAL STEEL (ROOF FRAMING)	1.00	l.s.	-covers item @ grid J-M @ ground floor -specs are as follows: A. TRUSS CANOPY (FRONT) 1. 25mm thick Stiffener Plate 100x400x150 2. GI Pipe 1"diam. X 6.0m Sch. 40 3. Structural Tubing 12" x 16" x 7.94mm x 6m 4. 200 x 500 x 25mm thick MS Plate 5. Anchor Bolt 25mm diam. X 300mm 6. Tubular 100 x 50 x 50 x 2 mm x 6.0m 7. GI Pipe 2" diam. X 6.0m Sch. 40 8. 25mm diam. Thick Plate 300mm x 300mm 9. Welding Rod 10. Machine Bolt 150mm x 25mm diam. (Double Nuts) B. TRUSS CANOPY (REAR) 1. Structural Tubing 12 x 6 x 7.94 x 6m 2. Tubular 100 x 50 x 50 x 2 x 6.0 3. GI Pipe 2" diam. X 6.0m Sch. 40 4. 200 x 500 x 25mm thick MS Plate 5. 25mm diam. Thick Plate 300mm x 300mm 6. Welding Rod 7. Machine Bolt 150mm x 25mm diam. (Double Nuts)



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243 244 245 246 247 248 249 250 251 252 253	1036 SOLID POLYCARBONATE SHEETS (4.5mm)	1.00	I.s.	-covers item @ grid J-M @ ground floor as specified -specs as follows: A. TRUSS CANOPY (FRONT) 1. 4.5mm Poly Carbonated Sheet 1.2m x 5.15m 2. 4.5mm Poly Carbonated Sheet 1.2m x 5.75m 3. Teckscrew x 75 4. Silicone Tube 5. Silicone Gun B. TRUSS CANOPY (REAR) 1. 4.5mm Poly Carbonated Sheet 1.2m x 5.15m 2. Teckscrew x 75 3. Silicone Tube
254 255 256 257 258 259 260 261 262 263 264 265	1032(1)a1 PAINTING MASONRY/ CONCRETE	11,847.30	sq.m.	-covers all plastered area of the building including Slabs and all Canopies except CR walls and Ceiling walls. -specs as follows: Flat white Latex (1st Coat) Final Paint(2nd coat and 3rd coat-for exterior wall: ROS Mint Green, ROS Bright Green, ROS Bridal Gown & ROS Brown; for interior wall: ROS Neutral Gray, ROS Stone Gray, ROS Bridal Gown & Black) Masonry Neutralizer Masonry putty Sand paper Roller brush with pan Paint Brush x 100 Paint Brush x 75 Paint Brush x 50 Roller brush foam
266 267 268 269 270 271	1203 ELECTRIC ELEVATOR	1.00	unit	-Includes all Package materials and Installation of an Electric Elevator. -specs as follows: 6 CAPACITY MACHINE ROOMLESS Passenger Elevator (FHNP630kgs.-1.0m/s - 4/4/4, 630kgs/8 person capacity, 1.0m/s speed serving 4 floors, 4 stops, 4 openings, center opening, Power supply: 380V, 3Phase, 60 hz.) Note: Package includes cost of shipment & installation
272 273 274 275 276 277	1016(1)a WATERPROOFING (CEMENTITIOUS @ DECK)	970.00	sq.m.	-covers all exposed floor area at Deck floor and Penthouse Deck floor. -specs as follows: Plexibond Cementitious Waterproofing - deck floor/roof deck Paint Roller w/ pan Cement Paint Brush x 100 Paint Brush x 75
278 279 280	1021(3)a CEMENT FLOOR TOPPING (Corridors)	1,080.60	sq.m.	-covers items @ grid (A'-X) @ all corridors from Ground to Deck floor -specs as follows: sand cement
281 282 283 284 285 286 287 288 289 290	1032(1)b PAINTING WOOD (Ceiling)	176.62	sq.m.	-covers all ceilings @ Ground floor- Fourth floor -specs as follows: Enamel Flat White Enamel Semi-Gloss White Plasolux Glazing Putty Paint Thinner Roller Brush Medium Size foam Roller Paint Brush M/S w/ pan Paint Brush x 100 Paint Brush x 75 Paint Brush x 50 Enamel Choco Brown
291 292 293 294 295 296 297 298 299 300 301 302 303	1003 CARPENTRY WORKS AND JOINERY A. Construction of Combo Board (15 sets)	45.00	sets	-covers item @ classrooms specified in the plan -specs are as follows: *Screw x 25 *Concrete nail x 75 *Lawanit 6mm x 1.20 x 2.40 *Marine plywood 6mm x 1.20 x 2.40 *Lumber 50 x 50 x 3.60 *Lumber 25 x 50 x 3.60 *CW Nail x 50 *CW nail x 25 *Chalkboard slating paint *Paint brush x 50 *QDE choco brown *Sand Paper *Paint thinner *Flat White

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ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
	B. PLATFORM (15 sets)			*Marine Plywood 10mm x 1.20 x 2.40 *Lumber 50 x 75 x 3.60 *Lumber 50 x 50 x 3.60 *CW Nail x 75 *CW Nail x 50 *CW Nail x 25 *Boysen QDE Choco brown *Paint Thinner
	C. TEACHER'S TABLE (15 sets)			*Marine Plywood 10mm x 1.20 x 2.40 *Lumber 50 x 50 x 3.60 *Lumber 25 x 50 x 3.60 *Finishing Nail assorted *Sandpaper *QDE Choco brown *Paint Thinner
SPL II	MISCELLANEOUS WORKS	1.00	l.s	-573 pcs High Durable Plastic Arm Chair M-3
II.7	OCCUPATIONAL SAFETY AND HEALTH PROGRAMS	1.00	l.s	-covers safety equipment to be used during the construction safety gloves safety shoes safety helmets
II.5	PROJECT BILLBOARD	1.00	pc.	-covers 1 billboard for the project's brief detail

For guidance and information of all concerned.


 AMADO P. IMPER, PhD
 BAC Chairman 

Date Issued: November 23, 2018
 Copy furnished: Prospective Bidders