Name of the Procuring Entity
Project Reference Number
Name of the Project
Location of the Project
End-User Unit
Implementing Unit
Standard Form Number

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SUPPLEMENTAL/BID BULLETIN (SBB) ADDENDUM NO. 01

- 4 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.

PARTIC	ULARS		CLARIFICATION / AMENDMENT				
On Item N	lo. X-Scope of Works on the	Terms of R	e under Section VI-Specifications, page 72-78 of the bid				
				e 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	495.19	cu.m.	-all concrete shall be class A = fc' ≥ 21 Mpa			
. /	a. Columns (from 4th floor to			-covers item @ grid 1,4 (C,D,E,F,G,H,I,N,O,P,Q,R,S,T) w/ height =			
	roof deck)			4.40m			
	b. Columns (from roof deck to			 -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 			
	penthouse roof deck)			-covers item @ grid 1-3 (X,X,B,B,3,X,E,10,0,V,V,X) w/ neight 3.40m -covers item @ grid 2-3 (K,L) w/ height 2.70m			
	c. Beams & Girders			-covers item @ grid 1-5 (A'-X) at roof deck & penthouse roof deck			
	d. Fourth Floor Slab			-covers item @ grid 1-4 (A'-T) and grid 4-5 (A'-X)			
	e. Roof Deck Slab			-covers item @ grid1-5 (A'-X)			
	f. Penthouse Deck Slab g. Stair 1 and landing			-covers item @ grid1-5 (A'-X) -covers item @ grid J-K and L-M from 4th floor-deck			
	h. Stair 2			-covers item @ grid A-B from 4th floor -penthouse			
				-covers item @ grid U-X from Ground Landing - penthouse			
	i. Shear Wall			-covers item @ grid B,U,J (1-3)			
	j. counter slab k. canopy			-covers item @ 3rd floor-4th floor and 4th floor-Deck. -covers item @ grid 1 (A'-X) from 3rd-Penthouse on the rear side.			
	k. callopy			-covers item @ Deck level front side.			
	I. lintel beam			-covers item @ grid A'-X from 3rd floor - Penthouse			
	m. elevator shear wall and slab			-covers item @ Third floor level- Penthouse including slab			
	m. Forms and Scaffoldings			- 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 fy≥414 Mpa and grade 40			
				fy≥275 GRADE 60= 28,146.42 kgs.			
				GRADE 00-20,140.42 kgs. GRADE 40= 48,053.79 kgs.			
1046(2)a1	MASONRY WORKS (CHB	1,627.09	sq.m.	-covers item @ grid 1-5 (A'-X) from 3rd floor level-Penthouse level			
	walls)		-	-CHB walls are 4" thick			
				-specs are as follows:			
				*4" thk. CHB *sand			
				*cement			
				*10mm dia RSB grade 40			
4007		7 400 00		*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	1,437.47	sq.m.	-covers item @ grid A-W @ third floor and fourth floor			
	and Trims)			specified in the plan (CR wall, Classroom floors and Ofice 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			
	1			Portland Cement			
				Tile grout			
1018(2)	TILING WORKS(Unglazed	89.83	sq.m.	sand -covers item @ grid A-W from third floor- fourth floor			
1018(2)	TILING WORKS(Unglazed Tiles)	89.83	sq.m.	sand			

"All BAC members shall be on a "jury duty" type of assignment until the Notice of Award is issued by the HOPE in order to complete the entire procurement process at the earliest possible time" (Section 38 of the IRR of RA 9184) Page 1 of 6

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KALINGA STATE UNIVERSITY RFQ_CIVILWORKS_2018-11-56 COMPLETION OF 4 STOREY ACADEMIC BUILDING PHASE III - BULANAO CAMPUS KSU MAIN CAMPUS, NATIONAL HIGHWAY, PUROK 6, BULANAO CENTRO, TABUK CITY, KALINGA HIGHER EDUCATION SERVICES C/O BULANAO CAMPUS ADMINISTRATOR INFRASTRUCTURE OFFICE SF-INFR-34



60	ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
61					.300x.300mm Unglazed Granite Floor Tiles for CR floors
62					Portland Cement
63					Tile grout sand
64	1010	DOORS	109.94	sq.m.	-covers item @ grid A'-X from Third floor- Penthouse as specified in
65				- 1	the plan
66					'-specs are as follows:
67					D1-2150x1000mm, good/hard/sturdy lumber and solid Door with Wood stain Finish w/ 2"x6" Wood
68					Jamb w/ Wood stain Finished.
69					D3-2150x900mm Panel Door w/
70					Wood stain Finish w/ 2"x6" Wood
71					Jamb w/ Wood stain Finished.
72					D3a-2150x900mm Panel Door w/ Wood stain Finish w/ 2"x6" Solid Wood
73					D4-2150x1000mm Flush Door w/
74					Wood stain Finish & 2"x6" Wood
75					Jamb w/ Wood stain Finished.
76					D5-2150x1000mm Flush Door w/
77					Wood stain Finish & 2"x6" Wood Jamb w/ Wood stain Finished.
78					D7-1850x700mm Flush Door w/
79					Wood stain Finish & 2"x6" Wood
80					Jamb w/ Wood stain Finished.
81					Cylindrical Door lockset stainless satin finish
82					loose pin hinges x 100 CW nails x 100
83	1005	STEEL WINDOWS	1.00	l.s.	-covers item @ grid A'-X from Third floor- Penthouse as specified in
84					the plan
85					-specs are as follows:
86					W1-3000X1500mm Primer and Enamel Pre-painted Steel Casement
87					Window w/ 6mm Thick Clear Glass (Butterfly) W2-2400X600mm Primer and Enamel Pre-painted Steel Casement
88					Window w/ 6mm Thick Clear Glass (Butterfly)
89					W2b-1200X600mm Primer and Enamel Pre-painted Steel Casement
90					Window w/ 6mm Thick Clear Glass (Butterfly)
91					W4-1200X800mm Primer and Enamel Pre-painted Steel Casement Window w/ 6mm Thick Clear Glass (Butterfly)
92					Window w/ on in Trick Clear Glass (Butterny) W5-1000X800mm Primer and Enamel Pre-painted Steel Casement
93					Window w/ 6mm Thick Clear Glass (Butterfly)
94					W6-3000X500mm Primer and Enamel Pre-painted Steel Casement
95					Window w/ 6mm Thick Clear Glass (Butterfly)
96					W7-600X500mm Primer and Enamel Pre-painted Steel Casement Window w/ 6mm Thick Clear Glass (Butterfly)
97					W8-600X400mm Primer and Enamel Pre-painted Steel Casement
98					Window w/ 6mm Thick Clear Glass (Butterfly)
99	1008(2)	ALUMINUM GLASS	1.00	l.s.	-covers item @ grid A-'X third floor-fourth floor as specified in the plan
100		WINDOW			-specs are as follows:
101					W2a-2000X1500mm 6mm Analok Glass on Aluminum Frame w/ grills
102					W3-1500X1200mm 6mm Analok Glass on
102					Aluminum Frame w/ grills
104					W10-3184X1250mm Tubular Casement Window w/ grills
105	1001(8)	PLUMBING WORKS	1.00	l.s.	-covers item @ grid A'-X and 1-5 specified in the plan @ 3rd floor-
106		(Rough-in)			Deck floor -for downspout, covers item @ grid A'-X and 1-5 specified in the plan
107					@ Ground floor - Deck
108					-specs are as follows:
109		Soil Pipe			Ø100mm x 3.0m uPVC Pipe s-1000
110					Ø75mm x 3.0m uPVC Pipe s-1000
110		Fittings:			Ø50mm x 3.0m uPVC Pipe s-1000 (100mm x 100mm)-dia single branch u-PVC WYE
112		i kungo.			(100mm x 50mm)-dia single branch u-PVC WYE
112					(50mm x 50mm)-dia single branch u-PVC WYE
113					Ø100mm uPVC Cleanout w/ Plug
114					Ø50mm uPVC Cleanout w/ Plug
115					Ø100 mm uPVC 90 deg. Elbow Ø75 mm uPVC 90 deg. Elbow
110					Ø75 mm uPVC 90 deg. Elbow
117					Ø100 mm uPVC 45 deg. Bend Elbow
118					Ø50 mm uPVC_45 deg. Bend Elbow
119 120					Ø100mm x Ø 75mm uPVC TEE
120					Ø75mm x Ø 75mm uPVC TEE



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KALINGA STATE UNIVERSITY RFQ_CIVILWORKS_2018-11-56 COMPLETION OF 4 STOREY ACADEMIC BUILDING PHASE III - BULANAO CAMPUS KSU MAIN CAMPUS, NATIONAL HIGHWAY, PUROK 6, BULANAO CENTRO, TABUK CITY, KALINGA HIGHER EDUCATION SERVICES C/O BULANAO CAMPUS ADMINISTRATOR INFRASTRUCTURE OFFICE SF-INFR-34



121	ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
122					Ø50mm uPVC P-Trap w/ Plug Ø100mm Clamp/Pipe hanger w/ complete accessories
123 124					Ø50mm Clamp/Pipe hanger w/ complete accessories
125		Downspout			Solvent Cement (400cc/can) PVC Pipe S-1000 x 75mm dia.
126		Downspout			Ø75mm Clamp w/ complete accessories
127					Ø75 mm uPVC 90 deg. Elbow
128					Ø150 mm Stainless Floor Drain/Strainer Solvent Cement (400cc/can)
129	1002(6)	WATER SUPPLY PIPES	1.00	l.s.	-covers item @ grid A'-X and 1-5 specified in the plan @ 3rd floor-
130		AND FITTINGS			Deck floor
131 132					-specs are as follows: Ø-25mm GI Pipe x 6m, sched 40
132					Ø-20mm GI Pipe x 6m, sched 40
134					Ø-12mm GI Pipe x 6m, sched 40 Ø-20mm Gate Valve
135					Ø-20mm Control Valve
136					Ø-25mm Elbow - GI Pipe
137					Ø-20mm Elbow - GI Pipe Ø-12mm Elbow - GI Pipe
138					Ø-25mm TEE - GI Pipe
139					Ø-20mm TEE - GI Pipe
140 141					Ø-12mm TEE – GI Pipe Ø-(20mm x 12mm) TEE -reducer - GI Pipe
141					Ø-25mm Plain Coupling - GI Pipe
143					Ø-12mm Plain Coupling - GI Pipe
144					Ø-12mm Female Adaptor - GI Pipe Ø-12mm Male Adaptor – GI Pipe
145					Solvent Cement (250cc)
146	1002(5)	PLUMBING FIXTURES AND	1.00	l.s.	1" Teflon Tape (U.S 12 rolls/box) -covers item @ grid A'-X and 1-5 specified in the plan @ 3rd floor-
147	1002(5)	FITTINGS	1.00	1.5.	Deck floor
148					-specs are as follows:
149					Water Closets with Complete Assembly (round) Wall Hung Lavatory with Complete Assembly & faucet
150 151					Counter Top Lavatory with Complete Assembly & faucet
152					100x100mm Stainless Floor Drain
153					Hygienic Faucet SS Hose bibb faucet
154					SS Grab 30mm dia.
155					Elegant Tissue Holder w/ Acc's Elegant Liquid/ Soap Holde w / Acc's
156					Mirror size .6 x .7m
157	1100(19)	CONDUIT, BOXES AND	1.00	l.s	-covers items @ grid (A'-X) and 1-5 specified in the plan @ 3rd flr, 4th
158 159		FITTINGS			flr and penthouse -specs are as follows:
160		a. For Lighting		ln. m	1. PVC conduit, 15mm, sched 80
161					2. PVC adapter with lacknut, 15mm
162					3. Elbow, 15mm 4. Utility Box (50 x 100)
163					5. Junction Box (Octagonal)
164		b. For Power		ln. m	1. PVC conduit, 20mm, sched 80 2. PVC adapter with locknut, 20mm
165					3. PVC elbow, 20mm
166 167				lm	4. Utility Box (50 x 100)
167		c. For Appliance		ln. m	1. PVC conduit, 25mm, sched 80 2. PVC adapter with lacknut,25mm
169					3. PVC elbow, 25mm
170					4. PVC conduit, 20mm
171					5. PVC adapter with lacknut, 20mm 6. PVC elbow, 20mm
172					7. Utility Box (2 x 4")
173		d. For Protection		ln. m	8. Junction Box (Octagonal) 1. RSC conduit, 40mm dia
174	1103	Lighting Fixtures	1.00	l.s	-covers items @ grid (A'-X) and 1-5 specified in the plan @ 3rd flr, 4th
175 176					fir and penthouse
176 177					-specs are as follows: 1. 150mm dia recessed pin light with 230Vcompact fluorescent lamp
178					similar to "Philips" PL-18, including accessories - Daylight
179	4400/40		4 ^ ^		2. 2x21W LED Tube with box type
180	1100(18)	WIRES AND WIRING DEVICES	1.00	ls	-covers items @ grid (A'-X) and 1-5 specified in the plan @ 3rd flr, 4th flr and penthouse
181					-specs are as follows:



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183 a. For Lighting 6,462.00 m Particle Construction of the suffice Variable Variable (SO Certified) 185 For Power 6,191.00 m For Game Service Value Servec) 186 b. For Power 6,191.00 m Benergiency Light one garg outlet set 199 b. For Power 6,191.00 m Benergiency Light one garg outlet set 199 c. For Appliance 4,176.00 m Benergiency Light one garg outlet set 199 c. For Appliance 4,176.00 m Benergiency Light one garg outlet set 199 d. For Sub Protection 435.00 m Benergiency Light one garg outlet set 199 d. For Sub Protection 435.00 m Benergiency Light one garg outlet set 199 d. For Sub Protection 435.00 m Benergiency Light one garg outlet set 200 1102(21) POWER LOAD CENTER, Store 1.00 Is -crease listing gird (A') and 1-5 specified in the pian gird det dift from	182	ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
195 (cs/gift) Single Feb Such (Wde Series) 186 Single Feb Such (Wde Series) Single Feb Such (Wde Series) 187 Single Feb Such (Wde Series) Single Feb Such (Wde Series) 188 Feb Power 6.191.00 m 199 E. For Power 6.191.00 m 199 C. For Applance 4.175.00 m 199 G. For Sub Protection 435.00 m 199 G. For Sub Protection 435.00 m 11002(1) POWER LOAD CENTER, Stock (Stock (183		a. For Lighting	6,842.00	m	2.0 mm ² THHN Stranded Wire (ISO Certified)
136 Single Folds Switch (Web Series) 137 Two Care Switch (Web Series) 138 1490 139 b. For Power 1910 b. For Power 1911 1.5 For Power 1912 c. For Appliance 1913 c. For Appliance 1914 3.5 mm ² Thirk Standod Win (SO Centred) 1914 2.5 mm ² Thirk Standod Win (SO Centred) 1915 d. For Sub Protection 1916 d. For Sub Protection 1917 d. For Sub Protection 1918 d. For Sub Protection 1919 Thirth Standod Win (SO Centred) 1910 Stamm ² Thirk Standod Win (SO Centred) 1910 A.For Sub Protection 1910 Stamm ² Thirk Standod Win (SO Centred) 1911 Stamm ² Thirk Standod Win (SO Centred) 1912 POWER LOAD CENTER, Stammation Commenter Stammatic Ministry (SO Centred) 1912 POWER LOAD CENTER 1.00 1912 POWER LOAD CENTER 1.00 1912 ARCONDITIONING AND 1.00 1913						
137 3 Wey Subin 138 3 Wey Subin 139 5 For Power 130 5 For Power 131 c For Appliance 131 c For Sub Protection 131 d For Sub Protection 132 d For Sub Protection 133 d For Sub Protection 132 d For Sub Protection 133 d For Sub Protection 134 d For Sub Protection 135 onerr THH N Standed Wire (SD Cartified) 136 onerr THH N Standed Wire (SD Cartified) 137 onerr THH N Standed Wire (SD Cartified) 138						Single Pole Switch (Wide Series)
188 b. For Power 6,191.00 m Electrical Tage B/S 1991 2.5 For Appliance 4,176.00 m S. Samo' TH-HN Stranded Wire (SD Centiled) 1991 c. For Appliance 4,176.00 m S. Samo' TH-HN Stranded Wire (SD Centiled) 1994 c. For Appliance 4,176.00 m S. Samo' TH-HN Stranded Wire (SD Centiled) 1995 c. For Sub Protection 435.00 m S. Samo' TH-HN Stranded Wire (SD Centiled) 1996 d. For Sub Protection 435.00 m S. Construction Strate Wire (SD Centiled) 1997 d. For Sub Protection 435.00 m S. Construction Strate Wire (SD Centiled) 2000 1192(21) POWER LOAD CENTER, strate Wire (SD Centiled) Non-TH-HN Strate Wire (SD Centiled) Non-TH-HN Strate Wire (SD Centiled) 2010 1192(21) POWER LOAD CENTER, strate Wire (SD Centiled) Non-TH-HN Strate Wire (SD Centiled) 2020 1192(21) POWER LOAD CENTER, strate Wire (SD Centiled) Non-TH-HN Strate Wire (SD Centiled) 2031 1192(21) POWER LOAD CENTER, strate Wire (SD Centiled) Non-TH-HN Strate Wire (SD Centiled) 2041 1192(1) ARCONDTITONING AND 1.00 I						
Image: Second						
190 b. For Power 6,191,00 m 3.5 mer. HHM Standed Wire (ISD Cettiled) Convenience output (Ki, duple, Store), 20V 193 c. For Appliance 4,176,00 m 5.5 mer/ HHM Standed Wire (ISD Cettiled) 2.0 mm? THM Standed Wire (ISD Cettiled) 3.5 mm? THM Standed Wire (ISD Cettiled) 3.5 mm? THM Standed Wire (ISD Cettiled) 4.100 Output Status 196 d. For Sub Protection 435,00 m S.5 mm? THM Standed Wire (ISD Cettiled) 3.0 mm? THM Standed Wire (ISD Cettiled) 4.100 Output Status 200 1162(21) POWER LOAD CENTER, SWITCHGEAR AND PANELBOARDS 1.00 Is coarse times ig grid / A/3 and 1-3 specified in the pain (§ 3rd fr, 4h If aspecification and the status 201 POWER LOAD CENTER, PANELBOARDS 1.00 Is coarse times ig grid / A/3 and 1-3 specified in the pain (§ 3rd fr, 4h If aspecification and the status 204 POWER LOAD CENTER, PANELBOARDS 1.00 Is coarse times ig grid / A/3 and 1-3 specified in the pain (§ 3rd fr, 4h If ad perturbation grid to the status 204 100(15) AIRCONDITIONING AND VENTURITING SYSTEM 1.00 Is coarse time ig grid / A/3 and 1-3 specified in the pain (§ 3rd fr, 4h If ad perturbation grid to the status coarse time ig grid / A/3 and 1-3 specified in the pain (§ 3rd fr, 4h If ad perturbation grid to the status coarse time (g grid / A/3 and 1-3 specified in the pain (§						Emergency Light one gang outlet set
191 c. For Applance 4,176.00 m Convenience suits: 164, duple3, 2prong, 260V 193 c. For Applance 4,176.00 m S. 5. mm? THHN Standed Wire (ISO Centiled) 193 d. For Sub Protection 435.00 m THMN Standed Wire (ISO Centiled) 193 d. For Sub Protection 435.00 m m S. 5. mm? THHN Standed Wire (ISO Centiled) 193 d. For Sub Protection 435.00 m m S. 5. mm? THHN Standed Wire (ISO Centiled) 193 d. For Sub Protection 435.00 m m S. 5. mm? THHN Standed Wire (ISO Centiled) 200 1102(21) POWER LOAD CENTER, standard Wire (ISO Centiled) S. 5. mm? THHN Standed Wire (ISO Centiled) S. 5. mm? THHN Standed Wire (ISO Centiled) 200 1102(21) POWER LOAD CENTER, standard Wire (ISO Centiled) S. 5. mm? THM Standed Wire (ISO Centiled) S. 5. mm? THM Standed Wire (ISO Centiled) 2003 1002(1) ARCONDITIONING AND 1.00 Is access tars & follows: S. 5. mm? THM Standed Wire (ISO Centiled) S. 5. mm? THM Standard Wire (ISO Centiled) 210 1200(15) ARCONDITIONING AND 1.00 Is socess tarms & grid (A (A) and -5 speolied in the plang) 3rd (n, 4			b. For Power	6,191.00	m	
192 c. For Appliance 4,176.00 m m Electrical Tage BS 193 3.5 mm ² THN Standed Wire (BO Certified) 195 3.5 mm ² THN Standed Wire (BO Certified) 196 d. For Sub Protection 435.00 m 197 d. For Sub Protection 435.00 m 198 and FTHN Standed Wire (BO Certified) 199 30 mm ² THN Standed Wire (BO Certified) 200 1102(21) POWER LOAD CENTER, Standard Wire (BO Certified) 201 SWITCHGEAR AND PANELBOARDS 1.00 202 SWITCHGEAR AND PANELBOARDS 1.00 203 SWITCHGEAR AND PANELBOARDS 1.00 204 Panel Board NELA SR, Certer Tap (20 Branches), 3P flush mounled wir multi-firminal block for ground bus Boles Certer Tap (20 Branches), 3P flush mounled wir multi-firminal block for ground bus Boles Certer Tap (20 Branches), 3P flush mounled wir multi-firminal block for ground bus Boles Certer Tap (20 Branches), 3P flush mounled wir multi-firminal block for ground bus Boles Certer Tap (20 Branches), 3P flush mounled wir multi-firminal block for ground bus Boles Certer Tap (20 Branches), 3P flush mounled wir multi-firminal block for ground bus Boles Certer Tap (20 Branches), 3P flush mounled wir multi-firminal block for ground bus Boles Tape Bills 206 1001(1) ARECONDITIONING AND 1.00 210 1003(1) ARECONDITIONING AND 1.00 211 1003(1) ARECON	191					
194 3.5 mm ⁻¹ THN Standad We (ISO Cartified) 195 4. For Sub Protection 435.00 m 196 0. For Sub Protection 435.00 m 197 d. For Sub Protection 435.00 m 198 0. For Sub Protection 435.00 m 199 1102(21) POWER LOAD CENTER, SWITCHGEAR AND PAKELBOARDS 1.00 is chemical Tage Biol Control Standad We (ISO Cartified) 202 PARELBOARDS 1.00 is chemical Tage Biol Control Standad We (ISO Cartified) 203 SWITCHGEAR AND PAKELBOARDS 1.00 is chemical Tage Biol Control Standad We (ISO Cartified) 204 PARELBOARDS 1.00 is chemical Tage Biol Control Standad We (ISO Cartified) 205 PareLBOARDS PareLBOARDS PareLBOARDS PareLBOARDS 206 PareLBOARDS 1.00 is chemical Tage Biol Control Standad We (ISO Cartified) 206 PareLBOARDS 1.00 is chemical Tage Biol Control Standad We (ISO Cartified) 207 PareLBOARDS 1.00 is chemical Tage Biol Control Standad We (ISO Cartified) 208 1200(1) AIRCONDITIONING AND VENTLATING SYSTEM 1.00 is covers theme & gript Air	192					Electrical Tape B/S
194 2.0 mm ² THN Standed Wire (ISO Certified) 196 d. For Sub Protection 455.00 m 197 d. For Sub Protection 455.00 m 198 m m 199 m Name THN Standed Wire (ISO Certified) 199 f. mm ² THN Standed Wire (ISO Certified) f. mm ² THN Standed Wire (ISO Certified) 200 1102(21) POWER LOAD CENTER, SWITCHGEAR AND PAKELBOARCOS 1.00 is commert THN Standed Wire (ISO Certified) 203 PAKELBOARCOS spece are so follow: spece are so follow: spece are so follow: 204 PAKELBOARCOS spece are so follow: spece are so follow: spece are so follow: 206 PARELBOARCOS spece are so follow: spece are so follow: spece are so follow: 207 PARELBOARCOS PARELBOARCOS spece are so follow: spece are so follow: 208 PARELBOARCOS spece are so follow: spece are so follow: spece are so follow: 209 1200(15) AIRCONDITIONING AND 1.00 Is commertimes @ grid AVA and 14 specified in the plan @ 3rd fr. 4h fr and penthouse 211 1200(15) CEILING 176.2			c. For Appliance	4,176.00	m	
196 d. For Sub Protection 435.00 m m Bit Electrical Tape DS 197 30 mm ² THN Standed Wire (ISO Certified) 199 1002(21) POWER LOAD CENTER, SWITCHGEAR AND PANELBOARDS 1.00 Is some TTHN Standed Wire (ISO Certified) 201 1102(21) POWER LOAD CENTER, SWITCHGEAR AND PANELBOARDS 1.00 Is some TTHN Standed Wire (ISO Certified) 202 SWITCHGEAR AND PANELBOARDS 1.00 Is some TTHN Standed Wire (ISO Certified) 203 PANELBOARDS Panel Board NEMA SR, Center Tap (20 Branches), 3P flush mounled wire malitelisminal block for grund bus Bolt-on Circuit Breaker 2P - 20 Amp, Cit. Breaker 205 206 2P - 20 Amp, Cit. Breaker 2P - 20 Amp, Cit. Breaker 207 2P - 20 Amp, Cit. Breaker 2P - 20 Amp, Cit. Breaker 208 1200(15) AIRCONDITIONING AND 1.00 Is 210 1200(15) AIRCONDITIONING AND 1.00 Is overs item 2 grind Inthe plan (2) and if, 4th fit and penthouse 211 1003(1)/L CEILING 176.62 square square 212 Vertillating System 196 overs item 2 grind Inthere, steel blade 213 1003(1)/L CEILING 176.62 square 214 1003(1)/L CEILING						
197 d. For Sub Protection 435.00 m 30 mm ² Tri-Hit Stranded Wire (ISO Certified) 8.0 mm ² Tri-Hit Stranded Wire (ISO Certified) 9.0 mm ² Tri-Hit Stran						
198 14 mm ² TH-IN Stranded Wire (ISO Certified) 200 1102(21) POWER LOAD CENTER, SUTCHGEAR AND PANELBOARDS 1.00 Is Som 27 HM Stranded Wire (ISO Certified) 201 PANELBOARDS 1.00 Is Som 27 HM Stranded Wire (ISO Certified) 202 PANELBOARDS Panel Board NCM Stranded Wire (ISO Certified) Som 27 HM Stranded Wire (ISO Certified) 203 PANELBOARDS Panel Board NEMA RC, Center Tap (20 Branches), 3P fluch mounted wire multi-terminal block for ground bus Bolt-on Circuit Breakers 2P - 20 Arp. Ckt. Breaker 206 2P - 20 Arp. Ckt. Breaker 2P - 20 Arp. Ckt. Breaker 2P - 20 Arp. Ckt. Breaker 207 2P - 30 Arp. Ckt. Breaker 2P - 30 Arp. Ckt. Breaker 2P - 30 Arp. Ckt. Breaker 209 1200(15) AIRCONDITIONING AND 1.00 Is somers tems g graf (Ar-X) end 1-5 specified in the plan g) 3rd fir, 4th fir and penthouse 211 1003(1)/D2 CEILING 176.62 sqm. Somers tems g graf (Ar-X) end 1-5 specified in the plan g) 3rd fir, 4th fir and penthouse 212 1003(1)/D2 CEILING 176.62 sqm. Somers tems g graf (Ar-X) end 1-5 specified in the plan g) 3rd fir, 4th fir approxes step 3 following: step 1-500 Arp. Ckt. Breaker 212 1003(1)/D			d For Sub Protection	435.00	m	
199 8.0 mm ⁻ HHK Stranded Wire (SO Centrelle) 200 1102(21) POWER LOAD CENTER, 1.00 Is covers tems @ grd (A-X) and 1-5 specified in the plan @ 3rd fir, 4th fir 202 PANELBOARDS spaces are as follows: Panel Box MEMA 3R, Center Tap (20 Branches), 3P flush mounted wi multi-terminal block for ground bus 203 Data (M-X) and 1-5 specified in the plan @ 3rd fir, 4th fir 204 PANELBOARDS Panel Box MEMA 3R, Center Tap (20 Branches), 3P flush mounted wi multi-terminal block for ground bus 205 Data (M-X) and 1-5 specified in the plan @ 3rd fir, 4th fir 206 2P - 15 Amp, Ckt. Breaker 207 Panel Ckt. Breaker 208 2P - 30 Amp, Ckt. Breaker 209 1200(15) AIRCONDITIONING AND 1.00 210 1200(15) AIRCONDITIONING AND 1.00 211 Celling Fan, orbit split- Type 212 Celling Fan, orbit split- Type 213 Celling Fan, orbit split- Type 214 1003(1)p2 CELING 17662 215 Celling Fan, orbit split- Type 216 Celling Fan, orbit split- Type 217 Covers Item @ girl 1-5 (A-X) from Ground to Rof deck including 218 1003(1)p2 CELING 219 Info Fan, orbit split- Type 2				400.00		14 mm ² THHN Stranded Wire (ISO Certified)
200 1102(21) POWER LOAD CENTER, SWITCHGEAR AND 1.00 Is -covers lowns @gmt(AX) and 1-S specified in the plan @ 3rd fir, 4th fir and penhouse specs are as follows: Panel Board NEMA 3R, Center Tap (20 Branches), 3P flush mounled w/ multi-terminal block for ground bus Bolt-in Ciruit Breaker 2P - 80 Amp, CKL Breaker 2D - 80 Amp, CKL Breaker						
201 SWITCHGEAR AND and perthouse 202 PANELBOARDS sepes are as follows: 203 Panel Board NEMA 3R, Center Tap (20 Branches), 3P flush mounted will multi-terminal block for ground bus 204 Bolt on Circuit Breaker 205 2P - 00 Ann, Ckt. Breaker 206 2P - 00 Ann, Ckt. Breaker 207 2P - 00 Ann, Ckt. Breaker 208 2P - 00 Ann, Ckt. Breaker 209 1200(15) AIRCONDITIONING AND VENTILATING SYSTEM 1.00 210 1201(15) AIRCONDITIONING AND VENTILATING SYSTEM 1.00 Is 211 Overs Item (2) grid (A'X) and 1-5 specified in the plan (2) dr ft, 4th ftr and pertitiouse -overs Item (2) grid (A'X) and 1-5 specified in the plan (2) dr ft, 4th ftr and pertitiouse 212 1003(1)b2 CEILING 176.62 sq.m. -overs Item (2) grid (A'X) and 1-5 specified in the plan (2) dr ft, 4th ftr and pertitiouse 213 1003(1)b2 CEILING 176.62 sq.m. -overs Item (2) grid (2) dr (1102(21)	POWER LOAD CENTER.	1.00	ls	
203 Panel Board NEMA 3R, Control Tap (20 Branches), 3P flush mounted w/ multi-terminal block for ground bus Bolton Circuit Breakers 206 207 207 208 208 2P - 15 Anny, Cet. Breaker 2P - 50 Anny, Cet. Breaker 2P - 50 Anny, Cet. Breaker 2P - 50 Anny, Cet. Breaker, TOD 209 1200(15) AIRCONDITIONING AND VENTILATING SYSTEM 1.00 Is 210 1003(1)b2 CELLING 1106 sovers item @ grid (A:X) and 1-5 specified in the plan @ 3rd fir, 4th fir and perthouse 213 1003(1)b2 CELLING 17662 sq.m. 214 1003(1)b2 CELLING 17662 sq.m. 215	201					
204 multi-terminal block for ground bus 205 pmulti-terminal block for ground bus 206 2P - 15 Amp. Ckt. Breaker 207 2P - 20 Amp. Ckt. Breaker 208 2P - 30 Amp. Ckt. Breaker 209 1200(15) AIRCONDITIONING AND 210 VENTILATING SYSTEM 211 -covers items @ grd (A*X) and 1-5 specified in the plan @ 3rd ftr, 4th ftr 212 -covers items @ grd (A*X) and 1-5 specified in the plan @ 3rd ftr, 4th ftr 213 -covers item @ grd (A*X) and 1-5 specified in the plan @ 3rd ftr, 4th ftr 214 -covers item @ grd (A*X) and 1-5 specified in the plan @ 3rd ftr, 4th ftr 215 -covers item @ grd (A*X) and 1-5 specified 216 -covers item @ grd (A*X) and 1-5 specified 217 -covers item @ grd (A*X) ftrom Ground to Roof deck including 218 1003(1)b2 CEILING 219 -covers item @ grd (A*X) ftrom Ground to Roof deck including 220 -covers item @ grd (A*X) ftrom Ground to Roof deck including 211 -covers item @ grd (A*X) ftrom Ground to Roof deck including 222 -covers item @ grd (A*X) ftrom Ground to Roof deck including 223 -covers item @ grd (A*X) ftrom Ground to Roof deck in	202		PANELBOARDS			
204 Bolton Circuit Breakeris 205 206 206 20-15 An. C.K. Breaker 207 22-20 Anp. C.K. Breaker 208 22-60 Anp. C.K. Breaker 209 1200(15) 210 1200(15) 211 22-60 Anp. C.K. Breaker 212 22-90 Anp. C.K. Breaker 213 22-90 Anp. C.K. Breaker 214 1003(1)b2 215 CEILING 216 -covers item @ paintd ceings for CR as specified 217 -covers item @ paintd ceings for CR as specified 218 1003(1)b2 CEILING 219 -covers item @ paintd ceings for CR as specified 216 -covers item @ paintd ceings for CR as specified 217 -covers item @ paintd ceings for CR as specified 218 1053 METAL RAILINGS 219 (Stainless) 1.00 Is. 224 -covers item @ paintd ceings for CR as specified 225 -covers item @ grid J-5(A/V) from Ground to Root deck including 226 -covers item @ grid J-4(A/V) from Ground to Root deck including 227 -covers item @ grid J-4(A/V)						
206 2P. 20 Amp. Cit. Breaker 207 2P. 20 Amp. Cit. Breaker 208 2P. 30 Amp. Cit. Breaker 209 1200(15) AIRCONDITIONING AND 210						
207 29 -30 Amp. Ckt. Breaker 208 29 -30 Amp. Ckt. Breaker 209 1200(15) AIRCONDITIONING AND 1.00 Is 211						
208 2P - 60 Amp. Ckt. Breaker 209 1200(15) AIRCONDITIONING AND 210 1200(15) AIRCONDITIONING AND 211 -oversitems @ grid (A'-X) and 1-5 specified in the plan @ 3rd fir, 4th fir and perithouse 212 -specs are as follows: 213 1003(1)b2 CEILING 214 1003(1)b2 CEILING 215 -specs are as follows: -specs are as follows: 216 -v2/2*/2*/2*/2 good lumber -v2/2*/2*/2*/2 good lumber 217 CEILING 1053 METAL RAILINGS 1.00 I.s. -specs are as follows: -oversitem @ grid -15 (A'-X) from Ground to Roof deck including 219 053 METAL RAILINGS 1.00 210 1047 (8) STRUCTURAL STEEL 1.00 I.s. -specs are as follows: -specs are as follows: -specs are as follows: 225 - - - - 226 1047 (8) STRUCTURAL STEEL 1.00 I.s. - 227 - - - - - 228 - - -<						
209 1200(15) AIRCONDITIONING AND VENTILATING SYSTEM 1.00 Is -covers thems @ grid (A*X) and 1-5 specified in the plan @ 3rd fir, 4th fir and penthouse 211 1003(1)b2 CEILING 176.62 sq.m. -covers them @ painted ceilings for CR as specified -specs are as follows: 216 217 CEILING 176.62 sq.m. -covers them @ painted ceilings for CR as specified -specs are as follows: 217 1003(1)b2 CEILING 176.62 sq.m. -covers them @ painted ceilings for CR as specified -specs are as follows: 218 1003 METAL RAILINGS (Stainless) 1.00 Ls. -covers them @ grid 1-5 (A*X) from Ground to Roof deck including Ramps. 219 Is -covers them @ grid 1-5 (A*X) from Ground to Roof deck including (Ramps. -specs are as follows: 220 Amm thx x 30 dia Stainless Steel Handrail 4mm thx x 30 dia Stainless Steel Handrail 221 4mm thx x 30 dia Stainless Steel Handrail 4mm thx x 30 dia Stainless Steel Handrail 222 1047 (b) STRUCTURAL STEEL (ROOF FRAMING) 1.00 Ls. 226 1047 (b) STRUCTURAL STEEL (ROOF FRAMING) 1.00 Ls. 227 1047 (b) STRUCTURAL STEEL (ROOF FRAMING) 1.00 Ls. 228 1047 (b) STRUCTURAL STEEL (ROOF FRAMING) 1.00 Ls. <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
210 1.00 (15) ARCONDITIONING AND VENTILATING SYSTEM 1.00 Is Oversitem @ gith (1-x) and 1-5 specified in the plant @ Statin, statin in and penthouse 211 -specs are as follows: .5HP Aircon Unit split. Type Ceiling Fan., orbit type, 16* diameter, steel blade 213 1003(1)b2 CEILING 176.62 sq.m. -coversitem @ gith 1.6 (A-X) from Ground to Roof deck including Ramps. 216 1053 METAL RAILINGS (Stainless) 1.00 Ls. -coversitem @ gith 1.6 (A-X) from Ground to Roof deck including Ramps. 219 1053 METAL RAILINGS (Stainless) 1.00 Ls. -coversitem @ gith 1.6 (A-X) from Ground to Roof deck including Ramps. 220 -specs are as follows: -coversitem @ gith 1.6 (B (Stainless Steel Handrail 4mm thx x 30 dis Stainless Steel Handrail 4mm thx x 30		(000(15)				
211 Interface of the interfa		1200(15)		1.00	ls	
213 Celling Fan., orbit type, 16* diameter, steel blade 214 1003(1)b2 CEILING 176.62 sq.m. -covers item (g painted cellings for CR as specified 2"2": Y2" Y2" good lumber 2"2": Y2": Y2" good lumber 2"2": Y2": Y2" good lumber CORNICE(75mmx2.4m long) 218 1053 METAL RAILINGS (Stainless) 1.00 I.s. -covers item (g grid 1-5 (A*X)) from Ground to Roof deck including Ramps. -specs are as follows: 2"C Y1" good lumber CORNICE(75mmx2.4m long) 219			VENTIEATING OTOTEM			-specs are as follows:
213 1003(1)b2 CEILING 176.62 sq.m. -covers item @ painted ceilings for CR as specified -specs are as follows: 216 -covers item @ painted ceilings for CR as specified -specs are as follows: -covers item @ grid 1-5 (A*X) from Ground to Roof deck including Ramps. 219 1053 METAL RAILINGS (Stainless) 1.00 I.s. -covers item @ grid 1-5 (A*X) from Ground to Roof deck including Ramps. 220 -covers item @ grid 1-5 (A*X) from Ground to Roof deck including Ramps. -specs are as follows: 221 -covers item @ grid 1-5 (A*X) from Ground to Roof deck including Ramps. 222 -covers item @ grid 1-5 (A*X) from Ground to Roof deck including Ramps. 223 -covers item @ grid 1-5 (A*X) from Ground to Roof deck including Ramps. 224 -covers item @ grid 1-5 (A*X) from Ground floor -specs are as follows: 225 -covers item @ grid 1-4 M@ ground floor 226 1.047 (8) STRUCTURAL STEEL (ROOF FRAMING) 1.00 I.s. -covers item @ grid 1-5 (X*X) from Ground floor 226 1047 (8) STRUCTURAL STEEL (ROOF FRAMING) 1.00 I.s. -covers item @ grid 1-M @ ground floor 227 1047 (8) STRUCTURAL STEEL (ROOF FRAMING) 1.00 I. Structural Tubing 12* x 16* x 7.94 mm x 6m 2.00 x 500 x	212					
214		1002/1\62	CEILING	176.62	6 a m	
215 2'2'2'12' good lumber 216 2'2'2'12' good lumber 217 CORNICE (75mmx2 4m long) 218 1053 METAL RAILINGS (Stainless) 1.00 I.s. -covers item @ grid 1-5 (A'-X) from Ground to Roof deck including Ramps. 220 4mm thk x 25 dia Stainless Steel Handrail 4mm thk x 25 dia Stainless Steel Handrail 4mm thk x 25 dia Stainless Steel Handrail 221 4mm thk x 50 dia Stainless Steel Handrail 4mm thk x 50 dia Stainless Steel Handrail 223 1047 (8) STRUCTURAL STEEL (ROOF FRAMING) 1.00 I.s. -covers item @ grid J-M @ ground floor -specs are as follows: 224 1047 (8) STRUCTURAL STEEL (ROOF FRAMING) 1.00 I.s. -covers item @ grid J-M @ ground floor -specs are as follows: 225 A. TRUSS CANOPY (RONT) 1. Scm thick Stiffener Plate 100x400x150 2. GI Pipe 1*diam. X 6.0m Sch. 40 228 Structural Tubing 12* x 16* x 7.94 mm x 6m 4. 200 x 500 x 50 x 2 mm x 6.0m 230 A. TRUSS CANOPY (REAR) 8. Z5mm diam. X 300mm 231 B. TarUss CANOPY (REAR) 8. Z5mm diam. Clouble Nuts) 233 B. TRUSS CANOPY (REAR) 1. Machine Boit 150mm x 25m diam. (Double Nuts) 236 B. TRUSS CANOPY (REAR) 1. Struc		1003(1)02	CEILING	170.02	sy.m.	
217CORNICE(75mmx2.4m long)2181053METAL RAILINGS (Stainless)1.00I.scovers item @ grid 1-5 (A-X) from Ground to Roof deck including Ramps. -specs are as follows: 4mm thk x 38 dia Stainless Steel Handrail 4mm thk x 38 dia Stainless Steel Handrail 4mm thk x 30 dia Stainless Steel						2"x2"x12' good lumber
218 1053 METAL RAILINGS (Stainless) 1.00 I.s. -covers item @ grid 1-5 (A ⁺ X) from Ground to Roof deck including Ramps. -specs are as follows: 220 -specs are as follows:						
219 220 221 221 222(Stainless)Ramps. -specs are as follows: -specs are as follows: -covers item @ grid J-M @ ground floor -specs are as follows: -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 60m 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 300mm231 233 234 235 236 237 236 237 236 237 238 239 240Image and the specific and the		1053	METAL RAILINGS	1.00	l.s.	
220Specs are as follows:2214mm thk x 25 dia Stainless Steel Handrail 4mm thk x 25 dia Stainless Steel Handrail 4mm thk x 25 dia Stainless Steel Handrail2231047 (8)STRUCTURAL STEEL (ROOF FRAMING)1.001.s.2241047 (8)STRUCTURAL STEEL (ROOF FRAMING)1.001.s.225					-	Ramps.
2214 Interface Solid Stainless Steel Handrait2224 Interface Solid Stainless Steel Handrait2234 Interface Solid Stainless Steel Handrait223Welding Rod for Stainless Steel Handrait2241047 (8)STRUCTURAL STEEL (ROOF FRAMING)1.00I.s.225						
223Welding Rod for Stainless Steel2241047 (8)STRUCTURAL STEEL (ROOF FRAMING)1.00I.scoversitem @ grid.J-M @ ground floor -specs are as follows: A. TRUSS CANOPY (FRONT)2261.25mm thick Stiffener Plate 100x400x1502272.6 IP ipe 1"diam. X 6.0m Sch. 402283. Structural Tubing 12" x 16" x 7.94mm x 6m2294. 200 x 500 x 25mm thick MS Plate2305. Anchor Bolt 25mm diam. X 300mm2316. Tubular 100 x 50 x 50 x 2 mm x 6.0m2339. Welding Rod2349. Welding Rod23510. Machine Bolt 150mm x 25mm diam. (Double Nuts)23610. Machine Bolt 150mm x 25m x 6.0m2372.362384. UP x 50 x 2 x 6.02394. UP x 50 x 2 x 6.02394. UP x 50 x 2 x 6.02395. GI Pipe 2" diam. X 6.0m Sch. 402394. 200 x 500 x 25mm thick MS Plate2406. Welding Rod2416. Welding Rod	221					
1047 (8) STRUCTURAL STEEL (ROOF FRAMING) 1.00 I.s. -coversitem @ grid J-M @ ground floor -specs are as follows: A. TRUSS CANOPY (FRONT) 226 -specs are as follows: A. TRUSS CANOPY (FRONT) 227	222					
224 -specs are as follows: 225 A. TRUSS CANOPY (FRONT) 226 1. 25mm thick Stiffener Plate 100x400x150 227 2. Gl Pipe 1"diam. X 6.0m Sch. 40 228 3. Structural Tubing 12" x 16" x 7.94mm x 6m 229 4. 200 x 500 x 25mm thick MS Plate 230 5. Anchor Bolt 25mm diam. X 300mm 231 7. Gl Pipe 2" diam. X 6.0m Sch. 40 233 8. 25mm diam. Thick Plate 300mm x 300mm 234 0. Machine Bolt 150mm x 25mm diam. (Double Nuts) 235 8. TRUSS CANOPY (REAR) 236 1. Structural Tubing 12 x 6 x 7.94 x 6m 237 2. Tubular 100 x 50 x 50 x 2 x 6.0 38 2. Tubular 100 x 50 x 50 x 2 x 6.0 239 4. 200 x 500 x 25mm thick MS Plate 240 5. 25mm diam. Thick Plate 300mm x 300mm 241 6. Welding Rod		10/17 (8)		1.00	le	
226 1. 25mm thick Stiffener Plate 100x400x150 227 2. GI Pipe 1"diam. X 6.0m Sch. 40 228 3. Structural Tubing 12" x 16" x 7.94mm x 6m 229 4. 200 x 500 x 25mm thick MS Plate 230 5. Anchor Bolt 25mm diam. X 300mm 231 6. Tubular 100 x 50 x 50 x 2 mm x 6.0m 232 9. Velding Rod 233 9. Welding Rod 236 10. Machine Bolt 150mm x 25mm diam. (Double Nuts) 236 8. TRUSS CANOPY (REAR) 237 2. Tubular 100 x 50 x 50 x 2 x 6.0 238 3. Structural Tubing 12 x 6 x 7.94 x 6m 237 2. Tubular 100 x 50 x 50 x 2 x 6.0 238 3. GI Pipe 2" diam. X 6.0m Sch. 40 239 4. 200 x 500 x 25mm thick MS Plate 240 5. 25mm diam. Thick Plate 300mm x 300mm 241 6. Welding Rod		1047 (0)		1.00	1.3.	
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228 3. Structural Tubing 12" x 16" x 7.94mm x 6m 229 4. 200 x 500 x 25mm thick MS Plate 230 5. Anchor Bolt 25mm diam. X 300mm 231 6. Tubular 100 x 50 x 50 x 2 mm x 6.0m 232 7. GI Pipe 2" diam. X 6.0m Sch. 40 233 9. Welding Rod 234 9. Welding Rod 235 8. TRUSS CANOPY (REAR) 236 10. Machine Bolt 150mm x 25mm diam. (Double Nuts) 8. TRUSS CANOPY (REAR) 1. Structural Tubing 12 x 6 x 7.94 x 6m 237 2. Tubular 100 x 50 x 50 x 2 x 6.0 238 3. GI Pipe 2" diam. X 6.0m Sch. 40 239 4. 200 x 500 x 25mm thick MS Plate 240 5. Structural Tubing Rod 241 6. Welding Rod						
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230 5. Anchor Bolt 25mm diam. X 300mm 231 6. Tubular 100 x 50 x 50 x 2 mm x 6.0m 232 7. GI Pipe 2" diam. X 6.0m Sch. 40 233 8. 25mm diam. Thick Plate 300mm x 300mm 234 9. Welding Rod 235 10. Machine Bolt 150mm x 25mm diam. (Double Nuts) 236 10. Machine Bolt 150mm x 25mm diam. (Double Nuts) 237 1. Structural Tubing 12 x 6 x 7.94 x 6m 239 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 240 5. 25mm diam. Thick Plate 300mm x 300mm 241 6. Welding Rod						
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234 10. Machine Bolt 150mm x 25mm diam. (Double Nuts) 235 B. TRUSS CANOPY (REAR) 236 1. Structural Tubing 12 x 6 x 7.94 x 6m 237 2. Tubular 100 x 50 x 50 x 2 x 6.0 238 3. GI Pipe 2" diam. X 6.0m Sch. 40 239 4. 200 x 500 x 25mm thick MS Plate 240 5. 25mm diam. Thick Plate 300mm x 300mm 241 6. Welding Rod	233					
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239 4. 200 x 500 x 25mm thick MS Plate 240 5. 25mm diam. Thick Plate 300mm x 300mm 241 6. Welding Rod						2. Tubular 100 x 50 x 50 x 2 x 6.0
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KALINGA STATE UNIVERSITY RFQ_CIVILWORKS_2018-11-56 COMPLETION OF 4 STOREY ACADEMIC BUILDING PHASE III - BULANAO CAMPUS KSU MAIN CAMPUS, NATIONAL HIGHWAY, PUROK 6, BULANAO CENTRO, TABUK CITY, KALINGA HIGHER EDUCATION SERVICES C/O BULANAO CAMPUS ADMINISTRATOR INFRASTRUCTURE OFFICE SELINED 24 : :

:	HIGHER EDUCATIO
:	INFRASTRUCTURE
:	SF-INFR-34

243	ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
244	1036	SOLID POLYCARBONATE	1.00	l.s.	-covers item @ grid J-M @ ground floor as specified
245		SHEETS (4.5mm)			-specs as follows:
246					A. TRUSS CANOPY (FRONT) 1. 4.5mm Poly Carbonated Sheet 1.2m x 5.15m
247					2. 4.5mm Poly Carbonated Sheet 1.2m x 5.75m
248					3. Teckscrew x 75
249					4. Silicone Tube 5. Silicone Gun
250					B. TRUSS CANOPY (REAR)
251					1. 4.5mm Poly Carbonated Sheet 1.2m x 5.15m
252					2. Teckscrew x 75 3. Silicone Tube
253 254	1032(1)a1	PAINTING MASONRY/	11,847.30	sq.m.	-covers all plastered area of the building including Slabs and all
254	1002(1)01	CONCRETE	11,047.00	3 q .m.	Canopies except CR walls and Ceiling walls.
255					-specs as follows:
257					Flat white Latex (1st Coat) Final Paint(2nd coat and 3rd coat-for exterior wall: ROS Mint Green,
258					ROS Bright Green, ROS Bridal Gown & ROS Brown; for interior wall:
259					ROS Neutral Gray, ROS Stone Gray, ROS Bridal Gown & Black)
260					Masonry Neutralizer
261					Masonry putty Sand paper
262					Roller brush with pan
263					Paint Brush x 100
264					Paint Brush x 75 Paint Brush x 50
265					Roller brush foam
266	1203	ELECTRIC ELEVATOR	1.00	unit	-Includes all Package materials and Installation of an Electric Elevator.
267					-specs as follows:
268					6 CAPACITY MACHINE ROOMLESS Passenger Elevator (FHNP630kgs1.0m/s - 4/4/4, 630kgs/8 person capacity, 1.0m/s speed
269					serving 4 floors, 4 stops, 4 openings, center opening,
270					Power supply: 380V, 3Phase, 60 hz.)
271	1016(1)0	WATERPROOFING	970.00		Note: Package includes cost of shipment & installation -covers all exposed floor area at Deck floor and Penthouse Deck floor.
272 273	1016(1)a	(CEMENTITIOUS @	970.00	sq.m.	-covers an exposed noor area at Deck noor and Penthouse Deck noor.
273		DECK)			Plexibond Cementitious Waterproofing - deck floor/roof deck
274					Paint Roller w/ pan
276					Cement Paint Brush x 100
277					Paint Brush x 75
278	1021(3)a	CEMENT FLOOR	1,080.60	sq.m.	-covers items @ grid (A'-X) @ all corridors from Ground to Deck floor
279		TOPPING (Corridors)			-specs as follows: sand
280					cement
281	1032(1)b	PAINTING WOOD (Ceiling)	176.62	sq.m.	-covers all ceilings @ Ground floor- Fourth floor
282				-	-specs as follows:
283					Enamel Flat White Enamel Semi-Gloss White
284					Plasolux Glazing Putty
285					Paint Thinner
286					Roller Brush Medium Size foam
287					Roller Paint Brush M/S w/ pan Paint Brush x 100
288					Paint Brush x 75
289 290					Paint Brush x 50
290	1003	CARPENTRY WORKS	45.00	sets	Enamel Choco Brown -covers item @ classrooms specified in the plan
291 292	1005	AND JOINERY	40.00	3613	-specs are as follows:
292		A. Construction of Combo			*Screw x 25
294		Board (15 sets)			*Concrete nail x 75 *Lowont form x 1 20 x 2 40
295					*Lawanit 6mm x 1.20 x 2.40 *Marine plywood 6mm x 1.20 x 2.40
296					*Lumber 50 x 50 x 3.60
297					*Lumber 25 x 50 x 3.60
298					*CW Nail x 50 *CW nail x 25
299					*Chalkboard slating paint
300					*Paint brush x 50
301					*QDE choco brown
302					*Sand Paper *Paint thinner
303					*Flat White

"All BAC members shall be on a "jury duty" type of assignment until the Notice of Award is issued by the HOPE in order to complete the entire procurement process at the earliest possible time" (Section 38 of the IRR of RA 9184) Page 5 of 6

KALINGA STATE UNIVERSITY

RFQ_CIVILWORKS_2018-11-56 COMPLETION OF 4 STOREY ACADEMIC BUILDING PHASE III - BULANAO CAMPUS KSU MAIN CAMPUS, NATIONAL HIGHWAY, PUROK 6, BULANAO CENTRO, TABUK CITY, KALINGA HIGHER EDUCATION SERVICES C/O BULANAO CAMPUS ADMINISTRATOR

INFRASTRUCTURE OFFICE SF-INFR-34



ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
	B. PLATFORM (15 sets) C. TEACHER'S TABLE (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 *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
11.7	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

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Page 6 of 6

procurement process at the earliest possible time" (Section 38 of the IRR of RA 9184)

- For guidance and information of all concerned.

AMADO P. IMRER, PhD

- BAC Chairman R
- Date Issued: November 23, 2018
- Copy furnished: Prospective Bidders