Republic of the Philippines University of the Philippines Mindanao Mintal, Tugbok District, Davao City Telefax 293-0016 www.upmin@edu.ph

Contract Reference Number:

Name of the Contract: CENTER FOR ADVANCEMENT OF RESEARCH IN MINDANAO (CARIM PH.3), IMPROVEMENT OF CARIM PH.2 AND REPAIR OF CARIM PH.1

Location of the Contract: UP Mindanao Campus, Mintal, Tugbok District, Davao City Standard Form Number:

APPROVED BUDGET FOR CONTRACT

CONSTRUCTION OF CENTER FOR ADVANCEMENT OF RESEARCH IN MINDANAO (CARIM PH.3) IMPROVEMENT OF CARIM PH.2 AND REPAIR OF CARIM PH.1

Number of Storey: 2

Floor Area : _____

Contract Duration: 365 C.D

				BILL OF Q	UANTIT	ES						
				Fatimated Dimet	Mark-ups in Percent		Total Mark Up		VAT	Total Indirect	Total Cost	Unit Cost
Item No.	Description	Qty	Unit	Estimated Direct Cost	осм	Profit	%age	Value	VAI	Cost	13	14
				0031	00M	TION	/lage	10	11	12		
		1	2	6	7	8	9	7+8	(6 + 10)	10+ 11	6 + 12	(13) / (1)
1.0	GENERAL REQUIREMENTS											
	Offices, Shops, Storage and Workmens Accomodation for											
	Contractor	12.00	Mo.									
	Medical Room and First aid Facilities	12.00	Mo.									
	Permits and Clearances	1.00	lot	204000								
	Project Billboard/ Sign Board	12.00	Mo	~								
	Occupational Safety and Health Program	12.00	Mo									
	Mobilization/Demobilization	1.00	lot									
	Removal of Existing Structures and Obstruction	1.00	lot									
8.0	TopoGraphic Survey Works (1.0 meter interval)	2.60	Ha									
Α.	CONSTRUCTION OF CARIM PH.3											
2.0	SITEWORKS- LAND DEVELOPMENT											
9.0	Clearing ,Layout,Staking	1.00	lot									
10.0	Soil Poisoning	1.00	lot									
11.0	Hauling and Waste Disposal	1.00	lot									
11.1	Installation of Cyclone wire on tension wire chain link fence	591.00	Lin.m									
	Landscaping Works	7,800.00	sqm									
	P-1 Axonopus Compressus Frog Grass	120,000.00	pcs									
	P-2 Philodendron Selloum	250.00	pcs									
	P-3 Yellow Lanatana	350.00	pcs				1					
	P-4 Yellow Ginger - 24 pcs	24.00	pcs				1					1

					Mark-ups	in Percent	Tot	tal Mark Up		Total Indirect	Tatal Oracl	Unit On at
Item No.	Description	Qty	Unit	Estimated Direct	OCM	Destit	0/	Value	VAT	Cost	Total Cost	Unit Cost
		-		Cost	OCM	Profit	%age	10	11	12	13	14
	P-5 Orange Caballero - 24 pcs	24.00	pcs									1
	P-6 Areca Palm	30.00	pcs									
	P-7 Bird of Paradise	60.00	pcs									
	P-8 Morning Glory	120.00	pcs									
	P-9 Bamboo	45.00	pcs									
	T-1 Banaba (Lager Stroemia Speciosa)	6.00	pcs									
	T-2 Lucida Buceras	30.00	pcs									
	T-3 Foxtail Palm Tree	50.00	pcs									
	Garden Soil	140.00	cu.m									
3.0	STRUCTURAL WORKS											
12.0	Structural Excavation	238.37	cu.m				1					
	Backfilling/Filling and Compaction	180.00	cu.m									-
	Earthfill and Compaction	775.00	cu.m									-
15.0	Gravel Bedding	88.84	cu.m									
16.0	Formworks (columns, beams and Slab)	1,270.08	sq.m									-
	Scaffolding Works	9,161.00	bd.ft									-
18.0	Reinforcement	37,869.26	kgs									
19.0	Concrete Works	356.16	cu.m									
4.0	MASONRY WORKS					1		L	1			
	6" CHB incl Reinforcement	933.54	sq.m			[1					
	4" CHB incl Reinforcement	604.00	sq.m.									
	PLASTERING	3,075.08	sq.m.									
	WATERPROOFING	192.25	SQ.M									
5.0	ARCHITECTURAL WORKS							l.	1			
5.0	BREEZE BLOCKS with Reinforced Concrete Frame and					1	1					
23.0	channel support	121.34	sq.m.									
	Floor Concrete Finish Densifier System (RetroPlating)	882.96	sq.m.									
	30x30 CERAMICS FLOOR TILES	58.74	sq.m.									+
	PEBBLE WASHOUT	57.60	sq.m.									+
	EPOXY FLOOR PAINT FINISH	22.20	sq.m.									+
	30x30 Ceramics Wall Tiles	138.49	sq.m.									+
6.0	CEILING WORKS	100110	oqiiiii									
	9MM GYPSUM BOARD CEILING ON METAL FRAME	977.90	00.00			1	T					
	Moisture-Resistant Board for Toilets	88.70	sq.m.									
		88.70	sq.m.									
7.0	CARPENTRY WORKS					1						
	PANTRY KITCHEN (ShopMade) Complete with drawers and	a										
32.0	Accessories	9.50	sq.m.									
	OVERHEAD CABINET (Shopmade) Complete with drawers	0.50										
33.0	and Accessories 20mm thk Pre-fab Urinal Partition including Hardware &	9.50	sq.m.									+
00.4	20mm thk Pre-tab Urinal Partition including Hardware & Accessories	8.00	cubicle									
		8.00	cubicie			I	I		I			
8.0	ROOFING FRAMING AND ROOFING WORKS					1						
34.0	ROOF FRAMING	1.00	lot									<u> </u>
	6mm thk Angular Bar	5,202.00	kgs.									
	50 x 175 x 2.0mm C-Purlins	273.00	pcs.									
	150x 250 x 16mm Base Plate	20.00	pcs.									
	20mmØ x 450mmL Anchor Bolts	80.00	pcs.									
	12mm MS Plate	1.00	pcs.									
	100mmØ G.I. Pipe, Sch. 40	2.00	pcs.									
	16mmØ Cross Bracing w/ T-buckle	493.00	kgs.									

					Mark-ups	in Percent	Tot	tal Mark Up	VAT	Total Indirect	Tetel Ores	Unit Oraci
Item No.	Description	Qty	Unit	Estimated Direct	ОСМ	Profit	%age	Value	VAT	Cost	Total Cost	Unit Cost
	·			Cost	OCM	Profit	%age	10	11	12	13	14
	12mmØ Sagrods	347.00	kgs.									
	20 x 50 x 175 x2.00m Strut	15.00	pcs.									
	Welding Rods	14.00	box									
	Red Oxide	22.00	gals									
	Paint Brush	10.00	pcs.									
35.0	PRE-PAINTED ROOF, RIB-TYPE and BENDED ACCESSORI	1,062.18	Lin.m									
	0.60mm Pre-painted, LS	890.00	lin.m									
	0.60mm Pre-painted, Gutter	161.46	lin.m									
	0.60mm Pre-painted, End Flushing	10.72	lin.m									
	Tekscrew	5,000.00	pcs.									
	Sealant	20.00	ctgs									
	Touch-up paint	4.00	can									
9.0	PAINTING WORKS					4						
0.00	PAITING WORKS (EXTERIOR WALLS) -ACRYTEX PLAIN					1	1	[
37.0	FINISH	1,648.00	sq.m.									
01.0	PAINTING WORKS (INTERIOR WALLS) - LATEX PLAIN	1,0 10100	0 q									
38.0	FINISH	3,701.00	sq.m.									
10.0	DOORS & WINDOWS	0,701.00	5q.m.									
		50.00					1	1				
39.0	DOORS including hardware and Accessories	53.00	sets									
	D-1: WOOD PANEL DOOR, SWING TYPE	8.00	sets									
	D-2: SLIDING DOOR	12.00	sets									
	D-3: WOOD PANEL DOOR, SWING TYPE	8.00	sets									
	D-4: SWING TYPE CUBICLE DOOR	10.00	sets									
	D-5: WOOD FLUSH DOOR, SWING TYPE	9.00	sets									
	D-6: AL GLASS SLIDING DOOR	4.00	sets									
	D-7: ALUMINUM SLIDING DOOR	2.00	sets									_
	Smart Digital Door Lock- free RFID 1 Lever type	13.00	units									
40.0	WINDOWS including accessories	49.00	sets									_
	W-1: Casement type window in clear glass	20.00	sets									_
	W-2: Awning type window in clear glass	12.00	sets									
	W-3: Awning type window in clear glass	9.00	sets									
	W-4: Sliding type window in clear glass	4.00	sets									
	W-5: Fixed/Awning type window in clear glass	4.00	sets									
11.0	PLUMBING WORKS											
41.0	PLUMBING WORKS - ROUGHING-INS	1.00	lot				1					
	Storm drainage System	1.00	lot									
	Sewer System	1.00	lot									
	Water System (Cold and Rain)	1.00	lot									
	AC Drainage	1.00	lot									1
42.0	PLUMBING FIXTURES	123.00	units				1					1
	Water Closet	14.00	units									-
	Urinals	6.00	units				1					1
	Lavatory	12.00	units									1
	Bidet Faucets	14.00	units			1	1					1
	Tissue Holder	14.00	units							1 1		1
	Faucet	16.00	units				1			1 1		1
	SS Kitchen Sink with Drain Board	4.00	units				1					+
	PWD SS flip up Grab Bars w folding barrier	2.00	units				1					+
	Single Vertical grab bar 450mm-L	8.00	units				1					+
	Floor Drain with smell trap	16.00	units									+
	r ioor Drain with Shlell trap	2.00	uriito			l	1					

					Mark-ups	in Percent	To	Total Mark Up		Total Indirect		
Item No.	Description	Qty	Unit	Estimated Direct Cost	OCM	Profit	%age	Value	VAT	Cost	Total Cost	Unit Cost
				Cost	001	TION	/lage	10	11	12	13	14
	Male Mirror 1.3m (w) x 1m (h)	2.00	unit									
	PWD Mirror 0.6m (w) x 1m (h)	2.00	unit									
	Hand Dryer	6.00	unit									
	Water Fountain	5.00	units									
	SEPTIC TANK	1.00	Unit									
	POTABLE WATER CISTERN TANK	1.00	Unit									
	RAIN WATER CISTERN TANK	1.00	Unit									
12.0	NON STRUCTURAL STEEL WORKS											
43.0	NON STRUCTURAL STEEL WORKS	1.00	Lot									
	Stair Railing, Roof Connection and Paint finish	9.00	Im									
	Stair Frame Roof Connection	1.00	lot									
	50 x 50 x 1.5mm Tubular	120.00	pcs.									
	50 x 150 x 1.5mm Tubular	35.00	pcs.									
	Downspout Cladding	9.00	units									
	2x6 x 1.5mm C-Purlins	32.00	pcs.									
	12mm MS Plate	2.00	pcs.									
	1/2 x 4 Anchor Bolts	64.00	pcs.									
	4 x 3/8 Flat Bar	10.00	pcs.									
	Stainless hand grab Railing, 2"dia SS Rail	54.00	Im									
	4" G.I. Post S-40, including pedestal	2.00	units						1			
13.0	ELECTRICAL WORKS											
	ELECTRICAL WORKS (WIRES)	10,480.00	Lin.m			1						
	ELECTRICAL WORKS (CONDUIT PIPE & FITTINGS)	1.00	lot									
	ELECTRICAL WORKS (LIGHTING FIXTURES)	398.00	SETS									
	8" Recessed Mounted Downlight 16watts coolwhite w/ frost											
	glass cover	52.00	sets									
	6" Recessed Mounted Downlight 16watts coolwhite w/ frost											
	glass cover	150.00	sets									
	1200mm x 300mm FL Fixture Recessed Mounted											
	Louver/Refelected type with 1-18watts Led tube Coolwhite	8.00	sets									
	1200mm x 300mm FL Fixture Recessed Mounted	0.00	0010									
	Louver/Refelected type with 2-18watts Led tube Coolwhite	152.00	sets									
	Emergency lights 2-15watts (22hrs)	36.00	sets									
46 1	ELECTRICAL WORKS (WIRING DEVICES)	306.00	pcs									
-10.1	One way switch 1 - gang	16.00	pcs									
	One way switch 2- gang	20.00	pcs									
	One gang 3 way switch	16.00	pcs									
	Duplex C.O. with ground (for Emergency light)	36.00	pcs									
	Duplex C.O. with ground (or Enregency light) Duplex C.O. with ground	218.00	pcs									
47.0	ELECTRICAL WORKS (BOXES)	1.00	lot									
	ELECTRICAL WORKS(PANEL BOARD)	6.00	sets									
40.0	PANEL PPLG3B-1 with 24-branches, 100AT main breaker,	0.00	3013									
	PANEL PPEGSD-T WILL 24-DIANCHES, TOOAT MAIN DIEAKET, 3P. 230V	1.00	set									
	PANEL PPLG3B-2 with 24-branches , 100AT main breaker ,	1.00	301			1						+
	PANEL FFLG3D-2 WIII 24-DIANCIES, TOUAT MAIN DIEAREI , 3P. 230V	1.00	set									
	PANEL PPBG3B-1-2 with 24-branches, 125AT main breaker,	1.00	301			1				+		+
	PANEL PPBG3B-1-2 With 24-branches, 125AT main breaker, 3P, 230V	1.00	set									1
	PANEL PPBG3B-2-2 with 24-branches, 125AT main breaker,	1.00	301				-					+
	PANEL PPBG3B-2-2 with 24-branches, 125AT main breaker, 3P, 230V	1.00	set									
	PANEL PPACG3B-1 with 24-branches , 225AT main breaker ,	1.00	261									

				Estimated Direct Cost	Mark-ups	in Percent	То	tal Mark Up	VAT	Total Indirect	Total Coat	Unit Cost
Item No.	Description	Qty	Unit		осм	Profit	%age	Value	VAT	Cost	Total Cost	Unit Cost
				COSI	00		, augo	10	11	12	13	14
	PANEL PPACG3B-1 with 24-branches , 225AT main breaker , 3P, 230V	1.00	2.24									
48.1		10.00	set units									
40.1	Solar Panel 320 Watts (Toshiba Brand)	40.00	pcs									
	5KVA Hyrbid Off/On Grid Inverter Built-in Automatic Transfer	40.00	pcs									
	Switching (ATS system	10.00	pc									
	Solar Cable Twin type 6.0mm Pure Cooper AWG	400.00	meters									
	Solar Battery 200AH (GEL TYPE Solar Battery) 8 Years	400.00	motoro									
	Workmanship (FREE 2pcs Battery)	40.00	pcs									
	Battery Cable 1.5M (black&Red) /Pair	40.00	pcs									
	Electric Wire, Fitting, Safety Devices Switch Control,MC4	10100	poo									
	Connector	1.00	lot									
	Solar Parallel Cnnetor, 8 ay Control Box anf others	1.00	lot									
49.0	Miscellaneous Materials	1.00	LOT									-
	Metallic flexible conduits	300.00	Im			1						1
	Metallic connector	300.00	pcs			1						1
	Acrylic Exit Light Sign (Glow type)	6.00	pcs			1						1
	Metal Gutter above Electrical Panels	1.00	lot									1
	Ground Br/Rod 3m x 12mm dia.	2.00	pcs									
49.1	Transformer, Poles and Wires and other Requirements	1.00	Lot									
49.2	Electrical Concrete Pedestal	1.00	unit									
49.3	120 Watts Solar Perimeter Lights	12.00	unit									
	Perimeter Solar Light (120 Watts)	12.00	units									
	15 ft. Pole with Zinc Paint coated	12.00	untis									
	Battery LED with Accessories, Clamps andcables	1.00	lot									
14.0	MECHANICAL WORKS											
50.0	FIRE PROTECTION WORKS (ROUGH -INS)	1.00	LOT									
	Sprinkler Heads	160.00	pc/s									
	Coupling Reducer (B.I./Threaded/Sched.40)	160.00	pc/s									
	Travel and Droppings and fittings	54.00	Length									
	B.I Pipes for Riser Nipple	10.00	Length									
	90° Elbow (B.I./W&T/Sched.40)	150.00	pc/s									
	Tee Reducer (B.I./Threaded or Weldable/Sched.40)	120.00	pc/s									
	Tee Standard (B.I./Threaded/Sched.40)	80.00	pc/s									
	Coupling Reducer (B.I./T&W/Sched.40)	140.00	pc/s									
	90° Elbow (B.I./W&T/Sched.40)	200.00	pc/s									
	B.I Pipes for Branching	170.00	lgths									
	B.I Pipes for Cross Mains	28.00	lgths									
	End Cap/Blind Cap (B.I./Threaded/Sched.40)	8.00	pc/s									
	90° Elbow (B.I./W&T/Sched.40)	30.00	pc/s									
	Tee Standard (B.I./W&T/Sched.40)	16.00	pc/s									
	Slip-on Flange	80.00	pc/s									
	Fire Hose Cabinets and Accessories	4.00	set/s									
	OS & Y Gate Valve or FCV	2.00	pc/s									
	Slip-on Flange	8.00	pc/s									
	B.I. Pipe Riser (Wet & Drain) (50 and 100mm)	10.00	lgths									
	Water Flow Switch	2.00	pc/s									
	Supervisory Switch	2.00	pc/s									
	Ball Valve	2.00	pc/s									_
	Sight Glass	2.00	pc/s									
	Union Patente	2.00	pc/s									
	Pressure gauge	2.00	pc/s				1					

				Estimated Direct Cost	Mark-ups	in Percent	То	tal Mark Up		Total Indirect		
Item No.	Description	Qty	Unit		осм	Profit	%age	Value	VAT	Cost	Total Cost	Unit Cost
				Cost	001	TION	/lage	10	11	12	13	14
50.1	Pumps (supply and Installation)	1.00	lot									
	Jockey Pump & Accessories, NON-UL/FM including Control	1.00	, un it									
	panel & sensor	1.00	unit									
	Fire Pump & Accessories, NON-UL/FM including controller Panel & sensor	1.00	unit									
51.0	AIR CONDITIONING EQUIPMENT	1.00	LOT									
51.0	Ceiling Cassette Inverter, 4.0HP	12.00	unit									
	Wall Mounted Inverter, 1.5HP	6.00	unit									
	Wall Mounted Inverter, 1.5HP Wall Mounted Inverter, 0.75HP	12.00	unit									
52.0	VENTILATION SYSTEM	1.00	;LOT									
52.0	Ceiling Cassette 200cfm Toilet Exhaust	12.00	unit									
	GA. 24 Sheet	100.00	sqm									
	Flexible Connector	10.00	length									
52.1	Electrical Supply, Breakers, Inclosure and Conduit	1.00	LOT									
	AUXILLIARY WORKS	1.00	LUI			I	1	l	l			
15.0		1.00	1.07			1	1	1	1			
	FIRE DETECTION ALARM SYSTEM(ROUGH-INS)	1.00	LOT									
53.1	FIRE DETECTION ALARM SYSTEM (EQUIPMENT)	1.00	LOT									
	Addressable Fire alarm Safety FDAS Control Panel 2 loop	1.00										
	24VDC w/ Telphone Dialer Extension Card	1.00	pc									
	A. Smoke Detector	42.00	pcs									
	A. Manual Call Point	4.00	pcs									
	Input /output Module 24VDC	4.00	pcs									
	GST NRP01 Network Repeater Panel	2.00	pcs									
	A.Fire Alarm Bell(Hord Strobe) FDAS Power voltage regulator	4.00	pcs									
	FDAS Power voltage regulator Strobe lights indecator (RED)	1.00	pc									
	Strobe lights indecator (RED) Power supply back up with UPS 3KVA	1.00	pc									
	Power supply back up with UPS 3KVA Sabre Smoke Tester	1.00	pc									
		2.00	pc									
54.0	Others if any(Battery 7A, 12VDC) CCTV ROUGHING-INS	2.00	pcs LOT									
	CCTV FIXTURES	1.00	LOT									
54.1												
	IP Cameras (Dome Type) 2MP	18.00	units									
	Network Video Recorder (NVR) 18Chanl High Definition Advance	1.00	unit									
	Gigabit PoE Switch 16Ports	1.00	set									
	Gigabit You Switch Hub 16 Ports	1.00	set									
	Hard Drive / HDD 6TB	1.00	set									
	Monitor/led TV 42 Inch	1.00	set									
	HDMI Cables	1.00	lot									
	Connectors and Catenaries	1.00	lot									
	Uninterupted Power Supply (UPS)	1.00	set									
55.0	LAN & TELEPHONE SYSTEM ROUGHING-INS	1.00	LOT									
	Private Automated Branch Exchange (PABX)	1.00	LOT				-					
55.0	PABX Main Panel Board Control	1.00	lot			1						1
	System expansion BUS/daughter board	1.00	lot			1						1
	Telephone Terminal Socket (single)	46.00	pcs				1					
	Master Telephone	2.00	pcs				-			+ +		+
	Analog / Digital Telephone	8.00	pc				-					
	Pipes, Connectors Hangers, Supports & other materials	1.00	lot				-					
	Cateneraries, Links, Couplings, Box & Others	1.00	lot				-			+ +		+
57.0		1.00	LOT				-					
07.0	Network Swiutch 48 port 1000 /100/10 or SFP	1.00	lot			1	1		1			1

					Mark-up:	s in Percent	Tot	al Mark Up	VAT	Total Indirect	Tatal Oraci	Unit Cost
Item No.	Description	Qty	Unit	Estimated Direct Cost	ОСМ	Profit	%age	Value	VAT	Cost	Total Cost	
				Cost	00M	TION	70age	10	11	12	13	14
	Data Terminal Socket (single)	46.00	pcs									
	RF Fingerprint Access Control	8.00	pcs									
	Server manager panel	6.00	pcs									
	Data Cabinet for Closed Type w/ Fan & PDU for IDF	2.00	unit									
	Server Cabinet Perforated, Closed Type w/ Fan & MDF 22U											
	floor mounted	1.00	unit									
	Patch Panel 24 ports	2.00	pcs									
	Other UTP Patch Cord Organizer	4.00	pcs									
	Cable Tray/Wireways	1.00	ea.									
	Pull Box	6.00	pcs									
	Other Electrical Accessories	1.00	lot									
	Connectors, Labeling and Tagging Materials	1.00	lot									
	Catenaries and other materials needed	1.00	lot									
В.	IMPROVEMENT OF CARIM PH.2											
16.0	SITEWORKS- LAND DEVELOPMENT											
	Landscaping	3,823.66	sqm									
	P-1 Axonopus Compressus Frog Grass	41,825	pcs									
	P-2 Philodendron Selloum	250	pcs									
	P-3 Yellow Lanatana	350	pcs									
	P-4 Yellow Ginger - 24 pcs	24	pcs									
	P-5 Orange Caballero - 24 pcs	24	pcs									
	P-6 Areca Palm	30	pcs									
	P-7 Bird of Paradise	60	pcs									
	P-8 Morning Glory	120	pcs									
	P-9 Bamboo	45	pcs									
	T-1 Banaba (Lager Stroemia Speciosa)	6	pcs									
	T-2 Lucida Buceras	30	pcs									
	T-3 Foxtail Palm Tree	50	pcs									
	Garden Soil	90	cu.m									
17.0	ARCHITECTURAL WORKS											
	Floor Concrete Finish Densifier System (RetroPlating)	441.48	sq.m.									
	BREEZE BLOCKS	121.34	sq.m.									
	EPOXY FLOOR PAINT FINISH	22.20	sq.m.									
	DOORS including hardware and Accessories	7.00	sets									
	WINDOWS including accessories	5.00	sets									
18.0	PAINTING WORKS											
	PAINTING WORKS (INTERIOR WALLS) - LATEX PLAIN											
	FINISH	1,850.50	sq.m.									
19.0	PLUMBING WORKS	,										
13.0	PLUMBING FIXTURES	22.00	units						T			
	PWD SS flip up Grab Bars w folding barrier	2.00	units									+
	Single Vertical grab bar 450mm-L	8.00	units			-						+
	Female Mirror 2.5m (w) x 1m (h)	2.00	units			-						+
	Male Mirror 1.3m (w) x 1m (h)	2.00	units			-						+
	$PWD Mirror 0.6m (w) \times 1m (h)$	2.00	units			-						+
	Hand Dryer	6.00	units									+
20.0	ELECTRICAL WORKS	0.00							L			
20.0	ELECTRICAL WORKS ELECTRICAL WORKS (LIGHTING FIXTURES)	25.00	SETS									
	, , , , , , , , , , , , , , , , , , ,	∠5.00	9E19									+
	8" Recessed Mounted Downlight 16watts coolwhite w/ frost qlass cover	7.00	sets									
	yiass cover	7.00	2612				1		1			1

				Estimated Direct	Mark-ups	in Percent	To	tal Mark Up	VAT	Total Indirect	Total Cost	Unit Cost
Item No.	Description	Qty	Unit	Estimated Direct Cost	ОСМ	Profit	%age	Value		Cost		
							, and	10	11	12	13	14
	1200mm x 300mm FL Fixture Recessed Mounted											
	Louver/Refelected type with 1-18watts Led tube Coolwhite	8.00	sets									
	Hang type fluorescent lamp 2 x 16 watts	10.00	sets									
	Miscellaneous Materials	1.00	LOT									
	Metallic flexible conduits	300.00	Im									
	Metallic connector	300.00	pcs									
	Acrylic Exit Light Sign (Glow type)	6.00	pcs									
	Electrical Tape	1,000.00	pcs									
	Tie wires GA 16	20.00	kls									
	Metal Gutter above Electrical Panels	1.00	lot									
	Ground Br/Rod 3m x 12mm dia.	2.00	pcs									
21.0	MECHANICAL WORKS											
	AIR CONDITIONING EQUIPMENT	1.00	LOT									
	Ceiling Cassette Inverter, 4.0HP	4.00	unit									
	Wall Mounted Inverter, 1.5HP	3.00	unit									
	Wall Mounted Inverter, 0.75HP	4.00	unit									
C.	REPAIR OF CARIM PH.1											
22.0	OTHERS (REPAIR WORKS)											
	Selective Repair of Polycarbonate Roofing sheet at Porte											
	Cochere	1.00	lot									
	Improvement of Ramp Access and Pebble washout Finishing	30.00	sq.m									
	Tactile Tiles Installation (300x300mm)	1.80	sq.m									-
	Restoration works affected by Phase. 3	1.00	lot									+
	Grand Total Cost											
												1
NOTES :				1			1	1	1	11		1

The Bidder shall verify the quantities in this CEF and shall be responsible for its accuracy and completeness, in the same way that the Contractor shall be responsible for the accuracy and completeness of the BOQ, such that all items of work, quantities, materials, plant, tools, equipment

and labor to complete the Project shall be covered in his Bid. All items of work, materials, plant, tools, equipment and labor inadvertently missing in the CEF and the BOQ but called for in the Plans, Specifications and othe Bid Documents shall be provided by the Contractor at no extra cost

to the University. Submitted filled-up CEF's imply that the Bidder has verified all the items and the quantities and agrees that the CEF is in accordance with the Plans, Specifications and other Bid Documents. In addition, the Contractor is also required to submit a Detailed Unit Price Analysis (DUPA) for all cost items in the approved BOQ.

Finally, the Contractor is responsible for completing the Project in accordance with the Plans, Specifications and the other Bid Documents.

SUBMITTED BY:

Reviewed and Approved by:

Noted by