

UNIVERSITY OF THE PHILIPPINES MANILA

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PROJECT

: PROPOSED TRANSFER AND RENOVATION OF MIU/EDUTECH

CENTER TO EXISTING PGIM OFFICE

LOCATION

: College of Medicine

University of the Philippines Manila

SUBJECT : BIDFORM

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
1.00	GENERAL REQUIREMENTS				
	Mobilization & Demobilization	1.00	lot		
	Warehouse, board ups, canvass/temporary covering and safety signages	1.00	lot		
	Temporary Field Office and Living Quarters	1.00	lot		
	Health and Safety (PPE, Medkit, Medical check-up/testing as required for new normal etc.)	1.00	lot		
	Permit and Licenses	1.00	lot		
	TOTAL GENERAL REQUIREMENTS				
2.00	SITE PREPARATION				
	Demolition & Dismantling				
	Scaffolding, barricade and temporary supports	1.00	lot		
	Demolition of existing partition works (ground and second floor)	1.00	lot		
	Demolition of existing ceiling and flooring	135.75	sqm		
	Demolition of claddings and counters	1.00	lot		
	Dismantling of existing lighting fixtures and other electrical fixtures, wires, cables, raceways, etc.	1.00	lot		
	Removal of other utilities (pipes, fittings, fixtures, etc.)	1.00	lot		
	Dismantling of existing doors and Window	5.00	sets		
	TOTAL SITE PREPARATION				
3.00	ARCHITECTURAL WORKS				
	Doors and Windows				
	D-1 Insulated Steel Flush Door w/ view panel				
	Hollow Core Polystyrene insulation door panel with double				
	glaze view panel window in tempered clear glass, GA #16, G.I.				
	door in laminated finish complete with ball bearing hinge, lever	1.00	sets		
	type door handle and cylinder lock combo set (inside knob lock @				
	AVR), 500k cycles automatic door closer, PU foam insulation				
	strips and bottom sealin strip				
	Dimension: 0.80m x 2.10m				

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	D-2 Insulated Steel Flush Door w/ viewing panel Hollow Core Polystyrene insulation door panel with double glaze view panel window in tempered clear glass, GA #16, G.I. door in laminated finish complete with ball bearing hinge, lever type door handle and cylinder lock combo set (inside knob lock @ AVR), 500k cycles automatic door closer, PU foam insulation strips and bottom sealin strip Dimension: 0.70m x 2.10m	1.00	sets		
	D-3 Insulated Steel Flush Door w/ view panel Hollow Core Polystyrene insulation door panel with double glaze view panel window in tempered clear glass, GA #16, G.I. door in laminated finish complete with ball bearing hinge, lever type door handle and cylinder lock combo set (inside knob lock @ AVR), 500k cycles automatic door closer, PU foam insulation strips and bottom sealin strip Dimension: 0.70m x 2.10m	1.00	sets		
	D-4 Framed Glass Door 10mm thick tempered glass door on aluminum powder coated frame complete with stainless pull handle and lock hardware Dimensions: 0.90m x 1.80m	1.00	sets		
	D-5 JIB Door Fabricated JIB door using 9mm thick fiber cement board on wood framing, cladded/laminated flush to wall cladding complete with concealed door hinge, lever type door handle with lock Dimensions: 0.60m x 2.10m	2.00	sets		
	D-6 Fire Rates Steel Door/Emergency Escape Door Galvanized sheet GA#18 thick GA#16 Jamb complete with panic device rated as BS476 with door closer in powder coated finish Dimension: 0.90m x 2.10m	2.00	sets		
	W-1 Fixed View Window Double glazed clear tempered glass in white uPVC frame window Dimension: 0.80m x 1.20m Sub-Total	2.00	sets		
	Sub-10tal				
+	Flooring Works			1	
	(FF-01) 150 x 900 x 3 mm Vinyl Planks including surface preparation, floor leveling compound, adhesive and other accessories (end trims, transition strips, etc.)	83.71	sqm		
	(FF-02) 500 x 500 x 6.5mm thick Low Pile Carpet Tiles including floor leveling compound	48.69	sqm		
	(FF-03) 300 x 300 Porcelain Tiles, matte or rustic surface (grey, beige or brown) including sand, cement, tile grout, adhesive and other accessories (tile trim, expansion joints, transition strips, etc.)	3.35	sqm		
	Waterproofing with 25mm concrete topping	3.35	sqm		
	Sub-Total				
	Ceiling Works				
	(CL-01) Acoustic Ceiling Tiles on T-Runners: Fine Texture, Mould Resistant, Shadowline Tapered Edge at least 0.70 NRC	113.98	sqm		
	(CL-02) 4.5mm thick fiber cement board on metal furring, painted finish	21.77	sqm		

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Su	b-Total			
Partitions				
Overhead Drywall @ Receiving Counter in Laminate Finis		. sqm		
CHB low partition, plastered both side and painted finish	tor L- 4.14	sqm		
shaped counter	1 1 1			
100mm CHB Partition with reinforcement, plastered, sand	15.33	sqm		
ready to receive paint both sides.	. (@			
2-panels Glass Barrier on aluminum powder coated frame	1.00	set		
Counter) Framed Glass Wall Partition (Server Enclosure)		+		
6mm thick tempered glass wall on aluminum powder coa	ted 1.00	2007		
frame complete with fixing accessories	1.00	assy		
Drywall Low Parition (Server Enclosure)	1.00	assy		
Chroma Key Wall (see detail)	1.00			
• • • • • • • • • • • • • • • • • • • •	b-Total	ussy		
	10111			
Wall Finish			1	
18mm thick Plywood Wall Cladding in Laminate Finish	18.20	sqm	1	
Canvas Wall Paper with Stone Textures	9.94	<u> </u>		
Existing Cladding to be laminated	5.00			
Interior Painting (Semi Gloss Paint) including removal of	existing	•		
paint	279.60	sqm		
Exterior Painting (Self Cleaning-Antibacterial Paint) inclu	ding	,		
removal of existing paint	237.30	sqm		
	1 .1			
Wall Tiles including sand, cement, tile grout, adhesive an	7 ()4	sqm		
accessories (tile trim, expansion joints, transition strips, et	2.)			
Acoustic Panels complete with all accessories and support	ts 39.22	. sqm		
Su	b-Total			
Cladding				
ACU Cladding @ Receiving Area				
Operable Louver Panel using 1" x 1" wood slat in varnish	finish 3.91	l.m.		
complete with accessories (see details)				
ACU Cladding @ Lounge Area				
Operable Louver Panel using 1" x 1" wood slat in varnish	finish 2.71	l.m.		
complete with accessories (see details)				
ACU Cladding @ Conference Room	c: . 1	,		
Operable Louver Panel using 1" x 1" wood slat in varnish	finish 3.51	l.m.		
complete with accessories (see details)				
ACU Cladding @ Computer Room	C::-1. 2 EC	1		
Operable Louver Panel using 1" x 1" wood slat in varnish	finish 3.50	l.m.		
complete with accessories (see details)	1. T. (.1			
Su	b-Total			
Counters and Cabinets				
Receiving Counter including Facia and Front Cladding				
18mm Pre-laminated Marine plywood complete with mat	ching 1.00	assy		
edge band (see details)	1.00	ussy		
20mm thick Quartz Counter Top with 18mm thick Back S	plash 1.00	set		
12mm thick Solid Surface Counter (Lavatory Counter)	2.00	sets		
1211111 thek some surface counter (Euvatory Counter)	2.00	30.03	ı	L

BID FORM 3/11

	Walll Storage Unit and Sliding Writable Door Panel @ Conference Room -18 mm thick Plyboard in writable glass coat surface finish complete with silicon bumb edge -18 mm thick pre-laminated plyboard cabinets with shelves complete with soft closing concealed hinge, catch, flush type pull handle satin stainless	1.00	assy		
	Base Drawers Storage @ Conference Room -18 mm thick pre-laminated plyboard cabinets complete with harwares/accessories, flush type pull handle satin stainless.	1.00	assy		
	Hanging Cabinet @ Reception -18 mm thick pre-laminated plyboard cabinets with adjustable shelves complete with soft closing concealed hinge, catch, flush type pull handle satin stainless	1.00	assy		
	Base Cabinets @ Reception -18 mm thick pre-laminated plyboard cabinets complete with harwares/accessories, flush type pull handle satin stainless.	1.00	assy		
	Hanging Cabinets @ Kitchen -18 mm thick pre-laminated plyboard cabinets complete with harwares/accessories, flush type pull handle satin stainless.	1.00	assy		
	Base Cabinets @ Kitchen -18 mm thick pre-laminated plyboard cabinets complete with harwares/accessories, flush type pull handle satin stainless.	1.00	assy		
	Flip Table at Pantry 18 mm thick pre-laminated plyboard on 14" Steel Folding Heavy Duty Bracket Black	1.00	assy		
	Computer Side Table 18 mm thick pre-laminated marine plywood on 2" x 2" square metal tube frame with gromet	2.00	assy		
	Sub-Total				
	Furniture				
	Lounge Furniture	100			
	Solid Wood End Table	1.00	set		
	Center Table	1.00	set		
	3 Gang Chair Barcelona Chair 3-Seater Sofa	1.00	set set		
	Barcelona Chair 1-Seater Sofa	1.00	set		
-	Office Furniture	2.00	564		
	Executive Table with Side Cabinet				
1	MFC Board in tubular powdered coated finish frame complete	1.00	set		
	with accessories (see plans for detail)				
	Staff Table				
	MFC Board in tubular powdered coated finish frame complete with accessories and mobile pedestal (see plans for detail)	2.00	sets		
	12 Seater Conference Table MFC Board in tubular powdered coated finish frame complete with accessories (see plans for detail)	1.00	set		
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BID FORM 4/11

				1	
	Staff Table 3				
	18mm thick Marine Plywood Machine Pressed HPL Finish in	4.00	sets		
	tubular powdered coated finish frame complete with accessories	1.00	Sets		
	and mobile pedestal (see plans for detail)				
	Side Return Table	1.00	set		
	MFC Board in tubular powdered coated finish frame	1.00			
	Executive Chair (see plans for detail)	1.00	set		
	Staff Chair (see plans for detail)	10.00	sets		
	Conference Chair (see plans for detail)	17.00	sets		
	Bar Stool (see plans for detail)	2.00	sets		
	Staff Chair (Staff Table 3)	4.00	sets		
	Sub-Total				
	Accessories				
	600 x 600 Mirror w/ backing	1.00	set		
	Sound Absorbing Block-Out Velour Curtains	4.00	sets		
	Stainless Steel Curtain Rod	2.00	sets		
	Comfort Room Signage	2.00	sets		
	Aluminum Corner Guard	1.00	set		
	Aluminum Stair Nosing	15.00	sets		
	Floating Ledge	1.00	set		
	Sub-Total				
	Restoration Works				
	Refurbishment of existing wooden door including replacement of	1.00	224		
	door accessories	1.00	set		
	Refurbishment of existing Double Panel Glass Door	1.00	set		
	Refurbishment of existing Glass Panel Door	2.00	sets		
	Refurbishment of existing glass wall	1.00	set		
	Sub-Total				
	TOTAL ARCHITECTURAL WORKS				
4.00	AUXILLIARY WORKS				
	Structured Cabling/LAN & Telephone				
	(Duplex Lan port outlet) Cat 6 data modular jack RJ45 and plate				
	cover	4.00	unit(s)		
	(Single Lan Port outlet) Cat 6 data modular jack RJ45 and plate				
	cover	7.00	unit(s)		
	2 mtrs CAT6 patch cord ready for use	11.00	unit(s)		
	CAT 6 lan cable for LAN & Telephone (300mtrs/roll)	2.00	roll(s)		
	Telephone Outlet	4.00	unit(s)		
	2"x4" PVC utility box	15.00	unit(s)		
		-			
	25mmØ PVC conduit pipe complete with fittings and accessories	100.00	unit(s)		
	(LAN & Tel.)				
	Telephone Terminal Cabinet	1.00	unit(s)		
	Tapping and supply & install of Fiber Optic Cable	1.00	lot		
	Hanger and Supports	1.00	lot		
	Testing and Commissioning	1.00	lot		
	Sub-Total				
				-	

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Fire Detection and Alarm System (FDAS)			
The Detection and Thaim System (1911)			
Wires and Cables			
TF WIRE #18 AWG	320.00	mtr(s)	
TF WIRE #16 AWG	150.00	mtr(s)	
3.5mm2 THHN WIRE	1.00	box(s)	
Conduit Pipes, Fittings and Accessories			
EMT Conduit pipe 1/2" Ø	45.00	pc(s)	
Flexible Mettalic Conduit 1/2	35.00	mtr(s)	
EMT Coupling 1/2" Ø	50.00	ea	
EMT Connector 1/2" Ø	95.00	ea	
Metal Flexible Hose Adapter 1/2" Ø	35.00	ea	
EMT Bushing 1/2" Ø	55.00	unit(s)	
EMT Locknut 1/2" Ø	55.00	unit(s)	
IMC Conduit pipe 1/2" Ø	25.00	pc(s)	
		I s(s)	
FDAS Wiring Devices			
Digital Optical Detector, with Remote Indicator Output, without			
base	10.00	ea	
Digital Fixed Temperature and Rate of Rise Heat Detector, with	2.00	ea	
Remote Indicator Output, withoug base	2.00	ca	
Common Detector Base for Digital Detectors and for			
Innovation Detectors using EOLR	12.00	ea	
Flush mount Resetable (Non-Breaking Glass), Supplied			
with surface mount back box and Special Reset Key	2.00	ea	
(Certificated by LPCB)	2.00	ca	
Addressable Combined Sounder and Strobe, 24VDC			
required	2.00	ea	
12VDC 7AH Back-up Battery	1.00	ea	
SVC-1000VA AVR 1KVA with Surge Protector	1.00	ea	
Testing and commissioning	1.00	lot	
Programming	1.00	lot	
	-100		
Support and Hangers			
Threaded Rod Bar	70.00	ea	
Bolt Hanger	35.00	ea	
Hex Nut	70.00	ea	
GI Washer	70.00	ea	
Grip Anchor bolt 3/8 ordinary	35.00	ea	
C Clamp 1/2 ordinary	35.00	ea	
1			
Box and Others			
EMT Junction box Octagonal w/ cover	20.00	ea	
EMT Square Junction box	6.00	ea	
EMT Utility Box with cover	6.00	ea	
GI wire	1.00	kg	
Black Screw	70.00	pc(s)	
Metal Screw	70.00	pc(s)	
Tox & Screw	30.00	pc(s)	
Drill bits	2.00	pc(s)	
E-tape	5.00	pc(s)	
M-tape	3.00	pc(s)	
Cable Tie 8mm	1.00	pack	

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	LB Conduit	4.00	()		
		4.00	pc(s)		
	Hacksaw blade	2.00	pc(s)		
	Mansonry Drill Bit (1/2"Ø)	1.00	pc(s)		
	Mansonry Drill Bit (3/8"Ø)	1.00	pc(s)		
	4" Cutting Disk	1.00	pc(s)		
	4" Grinding Disk	2.00	pc(s)		
	Wire tag	1.00	roll(s)		
	Detector tag	1.00	roll(s)		
	Consumables	1.00	lot		
	Sub-Total				
	TOTAL AUXILLIARY WORKS				
5.00	MECHANICAL WORKS				
	MEETINGETE WORKS				
	EQUIPMENT				
	Air Conditioning (VRF System)				
	a. Outdoor Unit/s (ACCU)				
	1. ACCU GF (6.0 HP cooling cap)	1.00	12.00		
			pcs		
	2. ACCU 2F (6.0 HP cooling cap)	1.00	pcs		
	b. Indoor Unit/s (FCU)	2.00			
	1. FCU GF-1 wall mounted (0.80 HP cap)	3.00	pcs		
_	a regree 11 . 1 (4 a regree)		12.00	l l	
	2. FCU GF-2 wall mounted (1.25 HP cap)	3.00	pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap)	2.00	pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap)	2.00 2.00			
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap)	2.00 2.00 1.00	pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump)	2.00 2.00	pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap)	2.00 2.00 1.00	pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total	2.00 2.00 1.00	pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation	2.00 2.00 1.00	pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total	2.00 2.00 1.00	pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation	2.00 2.00 1.00	pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF)	2.00 2.00 1.00 10.00	pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP)	2.00 2.00 1.00 10.00	pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP)	2.00 2.00 1.00 10.00	pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type)	2.00 2.00 1.00 10.00	pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz)	2.00 2.00 1.00 10.00	pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm	2.00 2.00 1.00 10.00	pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ	2.00 2.00 1.00 10.00 1.00 1.00	pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct	2.00 2.00 1.00 10.00 1.00 1.00 3.00	pcs pcs pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ Elbows, Fittings, couplings, end caps, etc.	2.00 2.00 1.00 10.00 1.00 1.00 3.00	pcs pcs pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ Elbows, Fittings, couplings, end caps, etc.	2.00 2.00 1.00 10.00 1.00 1.00 3.00	pcs pcs pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ Elbows, Fittings, couplings, end caps, etc. Sub-Total REFRIGERANT COPPER PIPES	2.00 2.00 1.00 10.00 1.00 1.00 3.00	pcs pcs pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ Elbows, Fittings, couplings, end caps, etc. Sub-Total REFRIGERANT COPPER PIPES a. Straight pipe copper type L	2.00 2.00 1.00 10.00 1.00 1.00 3.00 1.00	pcs pcs pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ Elbows, Fittings, couplings, end caps, etc. Sub-Total REFRIGERANT COPPER PIPES a. Straight pipe copper type L 19.10 mmØ (3/4"Ø)	2.00 2.00 1.00 10.00 1.00 1.00 3.00 1.00	pcs pcs pcs pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ Elbows, Fittings, couplings, end caps, etc. Sub-Total REFRIGERANT COPPER PIPES a. Straight pipe copper type L 19.10 mmØ (3/4"Ø) 15.90 mmØ (5/8"Ø)	2.00 2.00 1.00 10.00 1.00 1.00 3.00 1.00 18.00	pcs pcs pcs pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ Elbows, Fittings, couplings, end caps, etc. Sub-Total REFRIGERANT COPPER PIPES a. Straight pipe copper type L 19.10 mmØ (3/4"Ø) 15.90 mmØ (5/8"Ø) 12.70 mmØ (1/2"Ø)	2.00 2.00 1.00 10.00 1.00 1.00 3.00 18.00 18.00 30.00	pcs pcs pcs pcs pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ Elbows, Fittings, couplings, end caps, etc. Sub-Total REFRIGERANT COPPER PIPES a. Straight pipe copper type L 19.10 mmØ (3/4"Ø) 15.90 mmØ (3/8"Ø) 12.70 mmØ (1/2"Ø) 9.50 mmØ (3/8"Ø)	2.00 2.00 1.00 10.00 10.00 1.00 1.00 1.0	pcs pcs pcs pcs pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ Elbows, Fittings, couplings, end caps, etc. Sub-Total REFRIGERANT COPPER PIPES a. Straight pipe copper type L 19.10 mmØ (3/4"Ø) 15.90 mmØ (3/4"Ø) 15.90 mmØ (3/8"Ø) 9.50 mmØ (3/8"Ø) 6.40 mmØ (1/4"Ø)	2.00 2.00 1.00 10.00 10.00 1.00 1.00 1.0	pcs pcs pcs pcs pcs pcs pcs pcs pcs		
	3. FCU 2F-1 wall mounted (0.80 HP cap) 4. FCU 2F-2 wall mounted (1.25 HP cap) 5. FCU 2F-4 4-way ceiling cassette (2.0 HP cap) c. Accessories (drain pump) Sub-Total Ventilation a. Toilet Exhaust Fan (TEF) 1. TEF GF-1 ceiling cassette (100 CFM @ 0.25" WG TSP) 2. TEF 2F-1 ceiling cassette (100 CFM @ 0.25" WG TSP) b. Air Curtain (cross flow type) 1. AC GF-1 (1030 CFM; 118W input, 220V/1ph/60Hz) L=1500 mm; W=212 mm; H=230 mm c. PVC exhaust duct 100 mmØ Elbows, Fittings, couplings, end caps, etc. Sub-Total REFRIGERANT COPPER PIPES a. Straight pipe copper type L 19.10 mmØ (3/4"Ø) 15.90 mmØ (3/8"Ø) 12.70 mmØ (1/2"Ø) 9.50 mmØ (3/8"Ø)	2.00 2.00 1.00 10.00 10.00 1.00 1.00 1.0	pcs pcs pcs pcs pcs pcs pcs pcs pcs		

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	10.10 (2./4"(6))	10.00	***	
	19.10 mmØ (3/4"Ø)	18.00	m	
	15.90 mmØ (5/8"Ø)	18.00	m	
	12.70 mmØ (1/2"Ø)	30.00	m	
	9.50 mmØ (3/8"Ø)	36.00	m	
	6.40 mmØ (1/4"Ø)	30.00	m	
	Sub-Total			
	N. 1			
	Miscellaneous Works	4.00	1.	
	HANGERS, SUPPORTS, PLATFORM AND BRACKETS	1.00	lot	
	ELECTRICAL WORKS to include wires, switches, breakers,	4.00		
	contactors, controllers, conduits, roughing-ins, etc. to make the	1.00	lot	
	system complete and operational			
	TESTING and COMMISSIONING to include airflow/temp	1.00	lot	
	reading and balancing	-122		
	MISCELLANEOUS and CONSUMABLES to include dismantling			
	of existing mechanical works and disposing, chipping and	1.00	lot	
	restoration, FCU condensate drain piping system complete with	1.00	101	
	insulation			
	Sub-Total			
	TOTAL MECHANICAL WORKS			
6.00	PLUMBING WORKS			
	Sanitary Line			
	PVC Pipe 100mm x 3m	10.00	pcs	
	PVC Pipe 50mm x 3m	7.00	pcs	
	PVC Wye 100mm x 100mm	5.00	pcs	
	PVC Wye 100mm x 50mm	7.00	pcs	
	1 ve vvye roommi z sommi			
	PVC Tee 100mm x 100mm	2.00	pcs	
	,		pcs pcs	
	PVC Tee 100mm x 100mm	2.00	-	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm	2.00 6.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg	2.00 6.00 10.00	pcs pcs pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg	2.00 6.00 10.00 10.00	pcs pcs pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg	2.00 6.00 10.00 10.00 10.00 15.00	pcs pcs pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg	2.00 6.00 10.00 10.00 10.00	pcs pcs pcs pcs pcs pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm	2.00 6.00 10.00 10.00 10.00 15.00	pcs pcs pcs pcs pcs pcs pcs pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg	2.00 6.00 10.00 10.00 10.00 15.00 15.00 3.00 4.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement	2.00 6.00 10.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC P-Trap 50mm C.I. Clean Out 100mm	2.00 6.00 10.00 10.00 10.00 15.00 15.00 3.00 4.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 50mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy	2.00 6.00 10.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 50mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy	2.00 6.00 10.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC Flbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline	2.00 6.00 10.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline PPR Pipe 25mm x 4m	2.00 6.00 10.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00 2.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline PPR Pipe 25mm x 4m PPR Pipe 20mm x 4m	2.00 6.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00 2.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline PPR Pipe 25mm x 4m	2.00 6.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00 2.00 5.00 4.00 6.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 50mm x 45 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline PPR Pipe 25mm x 4m PPR Elbow 25mm PPR Elbow 20mm	2.00 6.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00 2.00 5.00 4.00 6.00 10.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline PPR Pipe 25mm x 4m PPR Elbow 25mm PPR Elbow 20mm PPR Tee 25mm	2.00 6.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00 2.00 5.00 4.00 6.00 10.00 5.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline PPR Pipe 25mm x 4m PPR Elbow 25mm PPR Elbow 20mm PPR Tee 25mm PPR Tee 25mm PPR Tee 25mm PPR Tee 20mm	2.00 6.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00 2.00 5.00 4.00 6.00 10.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 100mm x 45 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline PPR Pipe 25mm x 4m PPR Elbow 25mm PPR Elbow 20mm PPR Tee 25mm PPR Tee 25mm PPR Tee 20mm PPR Female Tee 20mm x 1/2	2.00 6.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00 2.00 5.00 4.00 6.00 10.00 5.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 50mm x 45 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline PPR Pipe 25mm x 4m PPR Pipe 20mm x 4m PPR Elbow 25mm PPR Elbow 20mm PPR Tee 25mm PPR Tee 25mm PPR Tee 20mm PPR Female Tee 20mm x 1/2 PPR Female Elbow 20mm x 1/2	2.00 6.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00 2.00 5.00 4.00 6.00 10.00 6.00 6.00 6.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 50mm x 90 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline PPR Pipe 25mm x 4m PPR Pipe 20mm x 4m PPR Elbow 25mm PPR Elbow 20mm PPR Tee 25mm PPR Tee 25mm PPR Tee 20mm PPR Female Tee 20mm x 1/2 PPR Female Elbow 20mm x 1/2 PPR Female Adaptor 20mm x 1/2	2.00 6.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00 2.00 5.00 4.00 6.00 10.00 6.00 6.00 6.00	pcs	
	PVC Tee 100mm x 100mm PVC Tee 100mm x 50mm PVC Tee 50mm x 50mm PVC Elbow 100mm x 90 deg PVC Elbow 50mm x 45 deg PVC Elbow 50mm x 45 deg PVC P-Trap 50mm C.I. Clean Out 100mm Solvent Cement Pipe Jointing Epoxy Sub-Total Waterline PPR Pipe 25mm x 4m PPR Pipe 20mm x 4m PPR Elbow 25mm PPR Elbow 20mm PPR Tee 25mm PPR Tee 25mm PPR Tee 20mm PPR Female Tee 20mm x 1/2 PPR Female Elbow 20mm x 1/2	2.00 6.00 10.00 10.00 15.00 15.00 3.00 4.00 5.00 2.00 5.00 4.00 6.00 10.00 6.00 6.00 6.00	pcs	

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PPR Reducer 25mm x 20mm	2.00	pcs		
Gate Valve 3/4	1.00	pcs		
Gate Valve 1/2	2.00	pcs		
PPR Tee 63mm x 25mm	1.00	pcs		
Teflon Tape	10.00	pcs		
PPR Male Adaptor 25mm	4.00	pcs		
Sub-Total		_		
Plumbing Fixtures				
Watercloset Flush Valve Siphon Wash Flashing	2.00	sets		
Kitchen Sink	1.00	set		
Lavatory	2.00	sets		
Bidet	2.00	sets		
Strainer 4 x 4	2.00	sets		
Sub-Total	2.00	3013		
Sub-10tal				
Miscellaneous Works				
	4.00	1 .		
Chipping Works	1.00	lot		
Excavation Works	1.00	lot		
Restoration Works	1.00	lot		
Sub-Total				
Sub-10tal				
Sub-10tai				
Sub-Total				
TOTAL PLUMBING WORKS				
TOTAL PLUMBING WORKS				
TOTAL PLUMBING WORKS				
7.00 ELECTRICAL WORKS	7,00	box(s)		
7.00 ELECTRICAL WORKS Wires and Cables		box(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN	1.00	box(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN	1.00 2.00	box(s) box(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN	1.00 2.00 50.00	box(s) box(s) mtr(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN	1.00 2.00	box(s) box(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN	1.00 2.00 50.00	box(s) box(s) mtr(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN	1.00 2.00 50.00	box(s) box(s) mtr(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN	1.00 2.00 50.00	box(s) box(s) mtr(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories	1.00 2.00 50.00 30.00	box(s) box(s) mtr(s) mtr(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN	1.00 2.00 50.00	box(s) box(s) mtr(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories	1.00 2.00 50.00 30.00	box(s) box(s) mtr(s) mtr(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories	1.00 2.00 50.00 30.00	box(s) box(s) mtr(s) mtr(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 32mmØ PVC conduit pipe with fittings and complete accessories	1.00 2.00 50.00 30.00 305.00 54.00	box(s) box(s) mtr(s) mtr(s) length(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories	1.00 2.00 50.00 30.00	box(s) box(s) mtr(s) mtr(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 32mmØ PVC conduit pipe with fittings and complete accessories	1.00 2.00 50.00 30.00 305.00 54.00	box(s) box(s) mtr(s) mtr(s) length(s) length(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 32mmØ PVC conduit pipe with fittings and complete accessories	1.00 2.00 50.00 30.00 305.00 54.00	box(s) box(s) mtr(s) mtr(s) length(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 32mmØ PVC conduit pipe with fittings and complete accessories 40mmØ PVC conduit pipe with fittings and complete accessories	1.00 2.00 50.00 30.00 305.00 54.00	box(s) box(s) mtr(s) mtr(s) length(s) length(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 40mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories	1.00 2.00 50.00 30.00 305.00 54.00	box(s) box(s) mtr(s) mtr(s) length(s) length(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN 30 mm² THHN 30 mm² THHN 40 Sub-Total Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 32mmØ PVC conduit pipe with fittings and complete accessories 40mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories	1.00 2.00 50.00 30.00 305.00 54.00	box(s) box(s) mtr(s) mtr(s) length(s) length(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 40mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories	1.00 2.00 50.00 30.00 305.00 54.00	box(s) box(s) mtr(s) mtr(s) length(s) length(s)		
TOTAL PLUMBING WORKS 7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN 30 mm² THHN Conduit Pipes and Accessories Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 40mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories FULL Circuit Breakers and Accessories PPLO Main @ 60AT, 3 pole, 250V, 18KAIC with	1.00 2.00 50.00 30.00 305.00 54.00 4.00	box(s) box(s) mtr(s) mtr(s) length(s) length(s) length(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 32mmØ PVC conduit pipe with fittings and complete accessories 40mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories Circuit Breakers and Accessories PPLO Main @ 60AT, 3 pole, 250V, 18KAIC with 14 branch circuits @ 14-20AT, 2 pole bolt-on type with	1.00 2.00 50.00 30.00 305.00 54.00	box(s) box(s) mtr(s) mtr(s) length(s) length(s)		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 40mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories Circuit Breakers and Accessories PPLO Main @ 60AT, 3 pole, 250V, 18KAIC with 14 branch circuits @ 14-20AT, 2 pole bolt-on type with grounding bus.	1.00 2.00 50.00 30.00 305.00 54.00 4.00	box(s) box(s) mtr(s) mtr(s) length(s) length(s) length(s)		
TOTAL PLUMBING WORKS 7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 8.0 mm² THHN 22 mm² THHN 30 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 32mmØ PVC conduit pipe with fittings and complete accessories 40mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories FULL Main @ 60AT, 3 pole, 250V, 18KAIC with 14 branch circuits @ 14-20AT, 2 pole bolt-on type with grounding bus. PPAC Main @ 60AT, 3 pole, 250V, 18KAIC with	1.00 2.00 50.00 30.00 305.00 54.00 4.00	box(s) box(s) mtr(s) mtr(s) length(s) length(s) length(s) assy.		
7.00 ELECTRICAL WORKS Wires and Cables 3.5 mm² THHN 5.5 mm² THHN 22 mm² THHN 30 mm² THHN Conduit Pipes and Accessories 20mmØ PVC conduit pipe with fittings and complete accessories 40mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories 50mmØ PVC conduit pipe with fittings and complete accessories Circuit Breakers and Accessories PPLO Main @ 60AT, 3 pole, 250V, 18KAIC with 14 branch circuits @ 14-20AT, 2 pole bolt-on type with grounding bus.	1.00 2.00 50.00 30.00 305.00 54.00 4.00	box(s) box(s) mtr(s) mtr(s) length(s) length(s) length(s)		

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MDP-1 Main @ 125AT, 3 pole, 250V, 22KAIC with			
2 branch circuits @ 2-60AT, 3 pole bolt-on type with grounding	1.00	assy.	
bus.	1.00	assy.	
DP Main @ 250AT, 3 pole, 250V, 22KAIC with 3 branch circuits @			
1-50AT, 3 pole, 1-100AT, 3 pole , & 1-125AT, 3 pole bolt-on type	1.00	assy.	
with grounding bus.	1.00	assy.	
50AT, 2 pole, NEMA 3R, ECB	2.00	unit(s)	
20AT, 2 pole, NEMA 1, ECB	11.00	unit(s)	
Sub-Total	11.00	unit(s)	
Sub-Total			
Wiring Devices and Lighting Fixtures			
Recessed type LED Panel Daylight, 600x600mm, 40W, 230V	32.00	unit(s)	
Recessed type LED Panel (Tri-color), 150x150mm, 12W, 230V	7.00	unit(s)	
Emergency light 2-1.5W LED (22hrs)	3.00	unit(s)	
Recessed type LED Panel Round 118mm dia., 6W, Warm white.			
230V	4.00	unit(s)	
Recessed type LED Panel daylight round pin light 220mm dia.,	- 00		
18W, 230V	7.00	unit(s)	
Single convenience universal outlet grounding type	1.00	•••	
(Refrigerator)	1.00	unit(s)	
	2.00	:./ >	
Single convenience universal outlet grounding type with switch	2.00	unit(s)	
Duplex convenience universal outlet grounding type	33.00	unit(s)	
Ground Fault Circuit Interrupter Outlet	1.00	unit(s)	
Duplex pop up socket grounding type	4.00	unit(s)	
One gang lighting switch	10.00	unit(s)	
Two gang lighting switch	6.00	unit(s)	
Three gang lighting switch	2.00	unit(s)	
Sub-Total		, ,	
Miscellaneous Items			
Copper groound rod 5/8" 3m	1.00	lot	
Big Electrical Tape	20.00	roll(s)	
Rubber Tape	10.00	roll(s)	
GI Wire	5.00	kilo(s)	
Hanger & Support	1.00	lot	
Testing and commissioning	1.00	lot	
Dismantling of Existing Panel and other electrical component	1.00	lot	
Sub-Total			
TOTAL ELECTRICAL WORKS			

BID FORM 10/11

		PhP	
		PhP	
	@ 12.00%		
TOTAL PROJECT COST		PhP	
in Words :			
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			Plans (As
) is considered as miscellaneous expense which are already included in	the computation of OCM	(mark-up).	
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Quantities			
ed by:			
d Signature:	Company Name	: :	
	Cost (OCM, & Profit) included per item unit cost Securities (including CARI) and power & water supply consumption at it is considered as miscellaneous expense which are already included in the of submitting this bid, I/we hereby confirm that I/we: have inspected the site determined the characteristics of the contract works and the conditions for this project examined all instructions, forms, terms and project requirements in the Bidding Documents was/were given the opportunity to submit queries at least ten(10) calendar days before the submission of bids have examined and agreed to the correctness of the Bill of Quantities ed by:	GENERAL REQUIREMENTS SITE PREPARATION ARCHITECTURAL WORKS AUXILLIARY WORKS MECHANICAL WORKS PLUMBING WORKS ELECTRICAL WORKS SUB-TOTAL COST VAT © 12.00% TOTAL PROJECT COST in Words: Cost (OCM, & Profit) included per item unit cost Securities (including CARI) and power & water supply consumption are considered as overhead) is considered as miscellaneous expense which are already included in the computation of OCM of of submitting this bid, I/we hereby confirm that I/we: have inspected the site determined the characteristics of the contract works and the conditions for this project examined all instructions, forms, terms and project requirements in the Bidding Documents was/were given the opportunity to submit queries at least ten(10) calendar days before the submission of bids have examined and agreed to the correctness of the Bill of Quantities	GENERAL REQUIREMENTS SITE PREPARATION ARCHITECTURAL WORKS AUXILLIARY WORKS MECHANICAL WORKS PLUMBING WORKS ELECTRICAL WORKS SUB-TOTAL COST PhP VAT © 12.00% TOTAL PROJECT COST PhP in Words: Cost (OCM, & Profit) included per item unit cost Securities (including CARI) and power & water supply consumption are considered as overhead expenses while is considered as miscellaneous expense which are already included in the computation of OCM (mark-up). It of submitting this bid, I/we hereby confirm that I/we: have inspected the site determined the characteristics of the contract works and the conditions for this project examined all instructions, forms, terms and project requirements in the Bidding Documents was/were given the opportunity to submit queries at least ten(10) calendar days before the submission of bids have examined and agreed to the correctness of the Bill of Quantities at by:

BID FORM 11/11