

SCOPE OF WORKS				Qty.	Unit	Unit Cost	Total Cost
<b>PART 1: CONSTRUCTION OF THE BUILDING</b>							
<b>1. SITE DEVELOPMENT / SITE WORKS</b>							
a.	Site preparation	1.00	lot				
a.1	Building layout	1.00	lot				
b.	Soil poisoning	1.00	lot				
c.	Earthworks						
c.1	Excavation (240.99 cu.m.)	1.00	lot				
c.2	Backfilling & compaction (192.79 cu.m.)	1.00	lot				
c.3	Earthfill and site levelling (2,001.20 cu.m.)	1.00	lot				
c.4	Gravel bedding	53.20	cu.m.				
	> Slab on fill	1.00	lot				
d.	Cleaning, Clearing & Hauling-out works						
<b>SUBTOTAL</b>							
<b>II. CONCRETE WORKS</b>							
a.	Supply and installation of micro piles	151.00	units				
a.1	Bored piles, 15' locations x 15.00m depth						
	> Bored piles installation & extraction of bored piles casing						
	> Drilling of bored holes using slurry method						
	> Concrete filling (3,000.00Psi)						
	> Reinforce steel bars						
	> Pile Testing						
a.2	Preliminaries						
	> Mobilization/Demobilization						
	> Equipment support						
	> Power consumption						
	> Water consumption						
	> Temporary facilities & related input works						
	> Management and supervision						
	> Safety & PPE						
b.	Pile Caps	36.15	cu.m.				
b.1	PC-1						
b.2	PC-2	39.81	cu.m.				
b.3	PC-3	22.33	cu.m.				
b.4	PC-4	11.76	cu.m.				
c.	Wall footing	20.08	cu.m.				
d.	Grade beams	19.62	cu.m.				
e.	Column	94.07	cu.m.				
f.	Slab-on-fill	79.79	cu.m.				
	> 3C-2						
	> 3C-1						
	> 2C-6						
	> 2C-5						
	> 2C-4						
	> 2C-3						
	> 2C-2						
	> 2C-1						
	> C-9						
	> C-8						
	> C-7						
	> C-6						
	> C-5						
	> C-4						
	> C-3						
	> C-2						
	> C-1						
g.	Service stair on-fill	1.08	cu.m.				
h.	Access stair from ground to third floor including footing	6.37	cu.m.				

180.06	cu.m.	1.1	2nd floor beams
		1.2	3rd floor beams
		1.3	Roof beams
99.26	cu.m.	j.	Suspended slab including gutter < At 2nd floor > At 3rd floor > Roof deck
1.09	cu.m.	k.	Lintel beams (on top of doors)
2.60	cu.m.	l.	False column beams
80.45	cu.m.	m.	Cash vault
3.44	cu.m.	n.	Concrete counter (top & base) @ pantry & CR
26.69	cu.m.	o.	Parapet and dropwall (including top of aluminum windows)
1.00	lot	p.	Zocallo at roof area (0.66 cu.m.)
10.46	cu.m.	q.	100mm thk lean concrete for all footings
		<b>III. MASONRY WORKS</b>	
			<b>SUBTOTAL</b>
1,033.11	sq.m.	a.	6" thk. CHB wall (exterior walls & false column)
912.51	sq.m.	b.	4" thk. CHB wall at interior walls including foyer, plantbox & ramp for PWD
4,714.87	sq.m.	c.	Plain cement plastering on interior, exterior CHB walls & Other exposed concrete surfaces
1,513.25	sq.m.	d.	50mm thk floor topping
		d.1:	Prior to installation of floor tiles.
		d.2:	Prior to application of epoxy paint finish.
		<b>IV. FINISHING CARPENTRY WORKS</b>	
			<b>SUBTOTAL</b>
16.90	l.m.	a.	Provision of full wall partition w/ HPL and decorative band (cosmic dust) w/ s/s wooden louver on s/s wooden frame painted pattern to excel wood including swing door at backworking area.
5.90	l.m.	b.	1700mm high modular partition
8.70	l.m.	c.	Hanging cabinets at cash vault of Branch and COU
11.64	l.m.	d.	Hanging cabinets at pantry @ the following:
		d.1:	Ground Floor
		d.2:	Second Floor
		d.3:	Third Floor
3.00	l.m.	e.	Hanging cabinet at stop sink
26.51	l.m.	f.	Base cabinet at pantry sink, eating counter and comfort room
83.40	l.m.	g.	Wooden ceiling cove
1.00	unit	h.	Sand Box including painting
		<b>V. FINISHES</b>	
			<b>SUBTOTAL</b>
955.67	sq.m.	a-1:	600mm x 600mm Homogeneous Tiles - Polished (Note: use heavy duty tile adhesive)
70.20	sq.m.	a-2:	600mm x 600mm Homogeneous Tiles - Matte (Note: use heavy duty tile adhesive)
3.63	sq.m.	a-3:	600mm x 600mm Homogeneous Tiles - Matte w/ groove (Note: use heavy duty tile adhesive)
13.82	sq.m.	a-4:	300mm x 600mm Homogeneous Tiles - Matte w/ groove (Note: use heavy duty tile adhesive)
47.18	sq.m.	a-5:	600mm x 600mm Ceramic Tiles - Matte (Code: Madison Ivory)
15.02	sq.m.	a-6:	200mm x 200mm Ceramic Tiles - Matte (Code: 60FP002 Louie Valentino Porcelanato)
24.24	sq.m.	a-7:	Granite countertop and splashboard finish at the pantry kitchen sink, eating counter, and comfort room lavatory counter
1.44	sq.m.	a-8:	Tactile block concrete
			Color: Jet black
			Color: Strata/Jamajica Brown
41.49	sq.m.	b-1:	600mm x 600mm Ceramic Wall Tiles (Note: use heavy duty tile adhesive)
13.83	sq.m.	b-2:	200mm x 600mm Ceramic wall tile - Glossy (Note: use heavy duty tile adhesive)
			Color: Ancestry Beige

VI. PAINTING WORKS		SUBTOTAL	
1,101.97	sq.m	1,017.58	sq.m
812.60	sq.m		sq.m
20.06	sq.m		sq.m
31.82	sq.m		sq.m
168.03	sq.m		sq.m
429.68	sq.m		sq.m
25.03	sq.m		sq.m
32.69	sq.m		sq.m
35.48	sq.m		sq.m
76.06	sq.m		sq.m
12.94	sq.m		sq.m
22.58	sq.m		sq.m
139.10	sq.m		sq.m
407.73	sq.m		sq.m
SUBTOTAL			
VII. METAL/STEEL WORKS			
9.00	sq.m		sq.m
68.76	sq.m		sq.m
15.86	sq.m		sq.m
SUBTOTAL			
VIII. PAINTING WORKS			
114.08	sq.m		sq.m
6.89	sq.m		sq.m
1,167.67	sq.m		sq.m
429.68	sq.m		sq.m
32.69	sq.m		sq.m
SUBTOTAL			

		60.87	l.m.	d. 38mm dia. stainless steel pipe railing
				d.1: Entrance foyer
				d.2: Ramp at fire exit
				d.3: Stainless steel grab railing for PWD
	3.00	sets		e. 25mm dia. stainless steel railing
				e.1: Stop sink
				f. 38mm dia. B.I. Pipe hand railing
	112.94	l.m.		f.1: Main stairs
				f.2: Fire exit stairs
	30.90	l.m.		g. Aluminum louver for exhaust at roofing
	1.00	lot		h. Fire exit steel stair
	50.00	l.m.		i. Brass nosing for main stairs
				<b>VIII. STRUCTURAL STEEL WORKS</b>
				<b>SUBTOTAL</b>
				a. Trusses incldy base & gusset plates, purlins, sagrods and cross bracing with turn buckle and standard turnbuckles at Main Building
	1.00	lot		
				<b>IX. ROOFING WORKS</b>
				a. GA. 26 pre-painted metal roofing super v-cripp twin ribbed complete with double faced insulation, pre painted G.I flashing and gutters and other accessories (color: green)
	1.00	lot		
				<b>SUBTOTAL</b>
				<b>X. DOORS/DOOR JAMBS</b>
				a. D-3 6mm THK marine plywood core flush door Lockset & Accessories: - Schlage A 40 series cylinder type (Orbit 626) - Stanley loose pin hinges 3-1/2" x 3-1/2" Dimension : 0.60mW x 1.70mH Location : ATM Servicing Area b. D-4 6mm THK marine plywood core flush door Lockset & Accessories: - Schlage A 40 series cylinder type (Orbit 626) - Stanley loose pin hinges 3-1/2" x 3-1/2" Dimension : 0.90mW x 2.10mH (Note: Provide 10mm groove around door jamb) Location : > Ground Floor : Storage room > Second Floor : LC Stock Room > Third Floor : AC Storage/Supply Room and Storage Room c. D-12 6mm THK marine plywood core flush door Lockset & Accessories: - Schlage A 40 series cylinder type (Orbit 626) - Stanley loose pin hinges 3-1/2" x 3-1/2" Dimension : 0.80mW x 2.10mH (Note: Provide 10mm groove around door jamb) Location : > Second Floor : Meeting Room > Second Floor : Meeting Room d. D-10 Fire rated steel flush door and door jamb Specification: - 45mm thick door, MS/BI panel with rockwool fiber infill in honeycomb insulation on MS/BI single rabbet jamb (100/50.8) - 3 Hour fire rating Conforming to: - UL 10C - NAAAMM/HMMA 861-06 - ANS/NFPA 80-1999 - ANSI A250.8-2003 - SDI 118-2002 - ASTM 252-1999
	1.00	set		
	4.00	sets		
	1.00	sets		
	6.00	sets		

				<p>Lockset &amp; Accessories:                  - Abloy 4190 lock case with 4690 striker plate                  - Abloy 16/006 polanta lever handle                  - Abloy DC 235 closer                  - Toyo butt hinge 4 1/2" x 4" x 3.4mm (Stainless steel with 2-ball bearing)                  Dimension : 0.90mW x 2.10mH                  (Note: Provide 10mm groove around door jamb)                  Location :                  &gt; Records Room at Ground Floor, Second Floor, Third Floor                  D - 7                  44mm thick metal flushed type louvered door with GA. 18 door panel and 45mm x 100mm GA. 16 single rabbet jamb with 3 pcs 4" x 4" stainless steel bearing hinges (1-panel/set)                  Conforming to:                  - NAAMM HMMMA 810-09Z louver blade                  Lockset &amp; Accessories:                  - Abloy 4190 lock case with 4690 striker plate                  - Abloy CY028C single cylinder                  - Abloy 16/006 polanta lever handle                  Dimension : 0.80mW x 2.10mH                  (Note: Provide 10mm groove around door jamb)                  Location :                  &gt; Electrical room at Ground Floor, Second Floor, Third Floor                  D - 9                  44mm thick metal flushed type louvered door with GA. 18 door panel and 45mm x 100mm GA. 16 single rabbet jamb with 3 pcs 4" x 4" stainless steel bearing hinges (2 panel/set)                  Lockset &amp; Accessories:                  - Abloy 4190 lock case with 4690 striker plate                  - Abloy CY028C single cylinder                  - Abloy 16/006 polanta lever handle                  - Foot Bolt                  Dimension : 0.90mW x 2.10mH                  (Note: Provide 10mm groove around door jamb)                  Location :                  &gt; Network room at Ground Floor, Second Floor, Third Floor                  D - 8                  PVC hollow core flushed type louvered door and door jamb                  Lockset &amp; Accessories:                  - Schlage A 40 series cylinder type (Orbit 626)                  - Stanley loose pin hinges 3-1/2" x 3-1/2"                  Dimension : 0.9mW x 2.10mH                  (Note: Provide 10mm groove around door jamb)                  Location :                  &gt; Male / PWD comfort rooms at Ground Floor, Second Floor, Third Floor                  D - 6                  PVC hollow core flushed type louvered door and door jamb                  Lockset &amp; Accessories:                  - Schlage A 40 series cylinder type (Orbit 626)                  - Stanley loose pin hinges 3-1/2" x 3-1/2"                  Dimension : 0.7mW x 2.10mH                  (Note: Provide 10mm groove around door jamb)                  Location :                  &gt; Female comfort rooms &amp; Shower Room at Ground Floor, Second Floor, Third Floor                  D - 13                  Willy compact grade laminate toilet partition system with accessories                  Male Toilet                  - 1 Cubicle - 1 Door with Side Plaster (1700mm opening)                  - Watercloset Ledge (200mm x 1200mm)                  - Urinal Dividers (400mm x 900mm)                  - Urinal Ledges (200mm x 900mm)</p>	3.00	set
					3.00	set
					3.00	set
					6.00	sets
					3.00	sets
					3.00	sets

				<p>Female Toilet                  - 2 Cubicle - 2 Door with 1 Divider (2200mm w x 1500mm d)                  - Watercloset Ledges (200mm x 1100mm)                  Location :                  &gt; Male &amp; Female toilet at Ground Floor, Second Floor &amp; Third Floor                  D - 11                  Ga.18 Aluminum Louvered Door Panel (Louver Type) on Ga.16 50 x 75mm Baked Powder Coated Single Rabbit Jamb with Stainless Steel Barrel Bolt and Stainless Steel Handle complete with accessories.                  Location :                  &gt; Stop Sinks at Ground Floor, Second Floor, Third Floor                  D - 12                  Fire rated steel flush door and door jamb                  Specification:                  - 45mm thick door, MS/BI panel with rockwool fiber infill in honeycomb insulation on MS/BI single rabbit jamb (100/50.8)                  - 3 Hour fire rating                  Conforming to:                  - UL 10C                  - NAAMM/HMMA 861-06                  - ANS/NFPA 80-1999                  - ANS/A250 8-2003                  - SDI 118-2002                  - ASTM 252-1999                  Lockset &amp; Accessories:                  - Von duprn 22E0-F Fire rated SP 28                  - Toyo butt hinge 4 1/2" x 4" x 3.4mm (Stainless steel with 2-ball bearing)                  - Door viewer hager 1756 526D                  - Abloy DC 235 closer                  Dimension : 1.00mW x 2.10mH                  (Note: Provide 10mm groove around door jamb, provide door closer &amp; provide peep hole.)                  Location : Fire Exits at Ground Floor, Second Floor, Third Floor</p>
				<b>SUBTOTAL</b>
				<p><b>XI. ALUMINUM AND GLASS WORKS</b></p> <p>a. D - 1                  6mm thk ordinary green fixed glass on 50mm x 75mm baked powder coated aluminum frame with 50mm x 100mm aluminum door jamb and threshold (color: transformer gray) w/ operable panel at transom (awning type) including 2 units of fixed windows                  Lockset &amp; Accessories:                  - Abloy CY 065 lock case with LC306 striker plate                  Door dimension : 1.90mL x 2.10mH                  Fixed glass dimension : 1.90mW x 0.90mH                  Location :                  &gt; Main Entrance                  D - 2                  6mm thk ordinary green fixed glass on 50mm x 75mm baked powder coated aluminum frame with 50mm x 100mm aluminum door jamb and threshold including fixed glass above the door                  Lockset &amp; Accessories:                  - Abloy CY 065 lock case with LC306 striker plate                  - Abloy DC 235 closer                  Dimension : 1.10mW x 2.10mH                  Location :                  &gt; Main Entrance                  D - 14                  6mm thk ordinary green fixed glass on 50mm x 100mm baked powder coated aluminum frame                  Door dimension : 1.80mW x 2.150mH                  Location :                  &gt; Second Floor                  : Entrance                  &gt; Third Floor                  : Entrance &amp; Future Expansion Area                  D - 16                  6mm thk ordinary green fixed glass on 50mm x 100mm baked powder coated aluminum frame                  Door dimension : 0.90mW x 2.10mH                  Location :                  &gt; Ground Floor                  : Ground Floor Staircase</p>
		1.00	set	
		1.00	sets	
		3.00	sets	
		1.00	sets	

		sq.m	380.70	a. Waterproofing a.1: Insulation/Waterproofing using elastomeric water-based liquid thermal coating > Canopy and concrete gutter at 2nd floor, 3rd floor and roof top.
<b>SUBTOTAL</b>				
				XII. SPECIALTY WORKS e. 6mm thk ordinary green fixed glass panel on 2mm thk 50mm x 100mm baked powder coated aluminum frame (color: gray) e.1 (W - 1) Dimension : 1.00mW x 2.70mH Location : > Facade Ground Floor e.2 (W - 2) Dimension : 5.00mW x 2.70mH Location : > Facade Ground Floor e.3 (W - 3) Dimension : 5.20mW x 2.70mH Location : > Facade Ground Floor e.4 (W - 4) Dimension : 4.00mW x 2.70mH Location : > Facade Ground Floor e.5 (W - 5) Dimension : 3.40mW x 2.70mH Location : > Left Side of the Branch Ground Floor e.6 (W - 8) Dimension : 5.00mW x 2.20mH Location : > Left side of the building , ground floor e.7 (W - 9) Dimension : 5.18mW x 2.20mH Location : > Facade of the building, 2nd & 3rd Floor e.8 (W - 10) Dimension : 5.20mW x 2.20mH Location : > Facade of the building, 2nd & 3rd Floor f. W - 7 Aluminum casement window with 4mm thk ordinary green fixed glass (color: Transformer Gray) Dimension : 0.70mW x 1.40mH Location : > Pantry at Ground, 2nd and 3rd floor g. W - 6 & W - 13 Aluminum awning window, 4mm thk ordinary green glass (color: Transformer Gray) Dimension : 0.70mW x 0.50mH Location : > Comfort Room at Ground, 2nd and 3rd floor h. Double panel industrial type aluminum casement window with transom with 4mm thk ordinary green fixed glass (color: Transformer Gray) h.1 (W - 11) Dimension : 4.00mW x 1.50mH Location : > Right side of the building, 2nd and 3rd Floor h.2 (W - 12) Dimension : 3.40mW x 1.50mH Location : > Right side of the building, 2nd and 3rd Floor < Right side of the building, 2nd and 3rd Floor

74.20	sq.m.	a.2:	Bituminous membrane waterproofing < Male & Female CR (2nd and 3rd floor) < Shower Room (2nd and 3rd floor)
361.00	sq.m.	a.3:	Elastomeric waterproofing paint > Firewall b. Blast proof security film
101.88	sq.m.		< W - 8 Dim: 5.00mW x 2.20mH < W - 9 Dim: 5.18mW x 2.20mH < W - 10 Dim: 5.20mW x 2.20mH < W - 11 Dim: 4.00mW x 1.50mH < W - 12 Dim: 3.40mW x 1.50mH
<b>SUBTOTAL</b>			
<b>XIII. PLUMBING WORKS</b>			
1.00	lot	a.1:	Waterlines, complete with fittings and accessories (REHAU Coated Pipe or Approved equal)
3.00	units	a.2:	Stainless Steel Water Tank (260 gallons, Code: 1000) Location : Ground Floor & Roof Deck
2.00	units	a.3:	2.0HP Booster Pump including pipe fittings, valves, concrete base and housing Sanitary System
1.00	lot	b.1:	Sanitary lines inclg fittings and accessories (Moldex or Atlanta, Neltex Series 1000) Septic tank (three-chambers)
2.50	cu.m	c:	Storm and Drainage System
268.04	l.m	c.1:	Downspout-100mm Ø PVC pipes inclg fittings (Moldex, Atlanta or Neltex Series 1000)
9.00	units	c.2:	Catch basin
23.00	units	c.3:	Area drain
73.72	l.m	c.4:	Open drainage with steel grating Plumbing Fixtures and Accessories
9.00	sets	d.1:	Water closet complete with fittings and accessories (Uniline-R 2885 american standard)
6.00	sets	d.2:	Counter top (Aqualyn 0476, american standard) lavatory wash basin (color: white)
3.00	sets	d.3:	Wall hung lavatory - American standard, new code 0947 with sixing bolt including single hole lavatory faucet saga 1501, fittings and accessories
5.00	sets	d.4:	Urinal top inlet (new washbroom 6502 american standard, color: white) with push-button type flush valve (F501) complete with fittings and accessories
3.00	set	d.5:	Stainless steel kitchen sink (580mm x 430mm) including faucet E-DL5011 complete with fittings and accessories.
23.00	sets	d.6:	Floor drain, 4" x 4" METMA-M222
38.00	sets	d.7:	Dome type roof drain, 4"-Ø METMA Model# 316-56
3.00	sets	d.8:	Wall mounted S/S faucet Location:
3.00	sets	d.9:	Stop sink at ground floor, second floor and third floor > Rain shower head, 6" (AMSTD/BF-OVA) including arm tube Location:
9.00	sets	d.10:	Stainless Steel Wall Mounted Tissue Holder (9000) > Shower room at ground floor, second floor and third floor Location:
9.00	sets	d.11:	American Standard, Soap Holder (White) Location: > Male and female comfort room counter at ground floor, second floor and third floor > Shower room at ground floor, second floor and third floor
<b>SUBTOTAL</b>			
<b>XIV. ELECTRICAL WORKS</b>			
1.00	set	a.1	Panel Boards and Circuit Breakers PPUPS-1 MAIN: 40 AT/50AF, 240V, 2P, BOLT-ON, INDUSTRIAL TYPE CB BRANCH : 8 - 20AT/50AF, 240V, 2P, BOLT-ON CB
2.00	set	a.2	PPUPS-2 MAIN: 50 AT/50AF, 240V, 3P, BOLT-ON, INDUSTRIAL TYPE CB BRANCH : 8 - 20AT/50AF, 240V, 2P, BOLT-ON CB
<b>SUBTOTAL</b>			



a.3	EP-1	1.00	set	MAIN: 100 AT/100AF, 240V, 3P, BOLT-ON, INDUSTRIAL TYPE CB BRANCH : 1 - 40AT/50AF, 240V, 2P, BOLT-ON CB 1 - 50AT/50AF, 240V, 2P, BOLT-ON CB 5 - 20AT/50AF, 240V, 2P, BOLT-ON CB 7 - 15AT/50AF, 240V, 2P, BOLT-ON CB
a.4	PP-1	1.00	set	MAIN: 300 AT/400AF, 240V, 3P, BOLT-ON, INDUSTRIAL TYPE CB BRANCH : 1 - 100AT/100AF, 240V, 3P, BOLT-ON CB 2 - 80AT/50AF, 240V, 3P, BOLT-ON CB 3 - 50AT/50AF, 240V, 3P, BOLT-ON CB 1 - 40AT/50AF, 240V, 2P, BOLT-ON CB 2 - 30AT/50AF, 240V, 2P, BOLT-ON CB 1 - 20AT/50AF, 240V, 2P, BOLT-ON CB 2 - 15AT/50AF, 240V, 2P, BOLT-ON CB
a.5	MTS, 40 amps, 2PDT, non-fusible MTS	1.00	set	
a.6	ECB, 40AT/100AF, 2P, in NEMA 1 enclosure	1.00	set	
a.7	MTS, 40AT/100AF, 2PDT, non-fusible MTS	1.00	set	
a.8	ECB, 40AT/100AF, 2P, in NEMA 1 enclosure	1.00	set	
b.	Wiring Devices and Accessories			
b.1	Single pole switch in one plate cover, National Wide Series	4.00	pcs	
b.2	Two single pole switch in one plate cover, National Wide Series	20.00	pcs	
b.3	Three single pole switch in one plate cover, National Wide Series	7.00	pcs	
b.4	Three way switch in one plate cover, National wide Series	1.00	pcs	
b.5	Two Gang Three way switch in one plate cover, National wide Series	4.00	pcs	
b.6	Duplex two pronged convenience outlet, National	14.00	pcs	
b.7	Duplex three pronged convenience outlet, National	66.00	pcs	
b.8	Telephone Plate cover, National	10.00	pcs	
b.9	Blank Cover, National	5.00	pcs	
c.	Roughing-ins and Accessories			
c.1	15 mm dia. EMT pipes with fittings (CO)	150.00	inghts	
c.2	20 mm dia. EMT pipes with fittings (FCU)	16.00	inghts	
c.3	32 mm dia. EMT pipes with fittings (ACU/DVM)	16.00	inghts	
c.4	25 mm dia. IMC pipes and fittings (PPUPS 1&2)	4.00	inghts	
c.5	20 mm dia. PVC pipes with fittings (LO, Alarm)	290.00	inghts	
c.6	25 mm dia. PVC pipes with fittings (ground-2nd and 3rd data)	5.00	inghts	
c.7	32 mm dia. PVC pipes with fittings (BFCP, CCTV)	2.00	inghts	
c.8	75mm X 75mm Beta Duct PVC Open Slotted Trunking	6.00	inghts	
c.9	Wichnet Wiremesh Cable Tray (CM50-150-3000-5) including connectors and accessories	22.00	inghts	
c.10	Wichnet Wiremesh 90 degrees connector (PJ-CSB)	9.00	pcs	
d.	Wires and Cables			
d.1	1.6 mm dia THHN wire solid (LO)	2,400.00	mtrs	
d.2	3.5 mm sq. THHN wire stranded (CO,FCU)	1,500.00	mtrs	
d.3	5.5 mm sq. THHN wire stranded ( 10HP DVM, PPUPS (g) )	35.00	mtrs	
d.4	8.0 mm sq. THHN wire stranded (PPUPS,ACU/DVM(g))	130.00	mtrs	
d.5	14.0 mm sq. THHN wire stranded (16HP ACU/DVM)	150.00	mtrs	
d.6	CAT 5e dataline cable (online)	1,800.00	mtrs	
e.	Lighting Fixtures and Accessories			
e.1	2x9 Watts Recessed-type Lighting Fixture with Mirrored Reflector and Louver	115.00	sets	
e.2	1x18 Watts Lighting Fixture with 3.0mm parabolic moulded acrylic diffuser	9.00	sets	
e.3	1x9 Watts Lighting Fixture with 3.0mm parabolic moulded acrylic diffuser	5.00	sets	
e.4	7 Watts, bell-type Pinlight with Ga. #22 steel housing in oven baked white enamel and mirrored aluminum reflector	28.00	sets	
e.5	LED Portable Emergency Light	14.00	sets	
f.	Boxes and Gutters			
f.1	2' x 4' ga # 18 GI, deep-type utility box	120.00	pcs	
f.2	4' x 4' ga # 18 GI, deep-type junction box with cover	175.00	pcs	
f.3	8' x 8' x 5' ga # 18 pull box with cover	6.00	pcs	
f.4	16' x 16' x 5' ga # 18 pull box with cover	2.00	pcs	

Item No.	Description	Unit	Quantity	Rate	Amount
f.5	2 ft wall mounted, closed type, Data Cabinet (23.62" X 23.62" X 23.62") 19" Standard Rack system (60kg max loading capacity), perforated front door with spring lock, detachable side panel (not vented), 2pcs exhaust fan with cable entry at the top panel 2pcs 6 outlet PDU with 3.0mm cable length (220V, 3 prong, 10A) black, powder coat finish	sets	1.00		1.00
f.6	6 ft. Powder coated Server Rack, perforated front and back, (600mm x 800mm) Detachable side panel with lock, adjustable square holed mounting rail with corresponding cage nuts/bolts, 4 pcs Castor wheel (with locks) with 4 pcs adjustable feet, 4 pcs exhaust fan, 220V with cable entry at the top panel, 2 pcs heavy duty fixed shelves (100kg max loading), 5 pcs 1U Cable manager with cap, 42U Cable manager at the back 15 pcs 3pronged convenience outlet with 3.0mm cable length	sets	1.00		1.00
g.	Miscellaneous Electrical Materials g.1 tie wires, electrical and rubber tapes, lux & screws, etc. g.2 Orbit Fan, 16" dia. With 3 rotary switch selection, Standard, 3D or approved equal g.3 Exhaust Fan, 8" dia. Standard, 3D or approved equal	lot	1.00		1.00
<b>SECOND FLOOR</b>					
a.	Panel Boards and Circuit Breakers a.1 PPUPS 3 MAIN: 40 AT/50AF, 240V, 2P, BOLT-ON, INDUSTRIAL TYPE CB BRANCH : 6 - 20AT/50AF, 240V, P, BOLT-ON CB a.2 PPUPS 4 MAIN: 80 AT/100AF, 240V, 3P, BOLT-ON, INDUSTRIAL TYPE CB BRANCH : 2 - 40AT/50AF, 240V, 2P, BOLT-ON CB 6 - 20AT/50AF, 240V, 2P, BOLT-ON CB 6 - 15AT/50AF, 240V, 2P, BOLT-ON CB a.3 EP-2 MAIN: 100 AT/100AF, 240V, 3P, BOLT-ON, INDUSTRIAL TYPE CB BRANCH : 2 - 40AT/50AF, 240V, 2P, BOLT-ON CB 6 - 20AT/50AF, 240V, 2P, BOLT-ON CB 6 - 15AT/50AF, 240V, 2P, BOLT-ON CB a.4 PP-2 MAIN: 250 AT/400AF, 240V, 3P, BOLT-ON, INDUSTRIAL TYPE CB BRANCH : 1 - 100AT/100AF, 240V, 3P, BOLT-ON CB 2 - 80AT/100AF, 240V, 3P, BOLT-ON CB 3 - 50AT/50AF, 240V, 3P, BOLT-ON CB 1 - 40AT/50AF, 240V, 2P, BOLT-ON CB 1 - 20AT/50AF, 240V, 2P, BOLT-ON CB a.5 MTS, 40 amps, 2PDT, non-fusible MTS a.6 ECB, 40AT/100AF, 2P, in NEMA 1 enclosure	sets	1.00		1.00
b.	Wiring Devices and Accessories b.1 Single pole switch in one plate cover, National Wide Series b.2 Two single pole switch in one plate cover, National Wide Series b.3 Three single pole switch in one plate cover, National Wide Series b.4 Three way switch in one plate cover, National wide Series b.5 Two Gang Three way switch in one plate cover, National wide Series b.6 Duplex two pronged convenience outlet, National b.7 Duplex three pronged convenience outlet, National b.8 Telephone Plate cover, National b.9 Blank Cover, National	pcs	6.00		6.00
c.	Roughing-ins and Accessories c.1 15 mm dia. EMT pipes with fittings (CO) c.2 20 mm dia. EMT pipes with fittings (10HP DVM, FCU) c.3 32 mm dia. EMT pipes with fittings (DVM/ACU) c.4 25 mm dia IMC pipes and fittings (PPUPS 3& 4) c.5 20 mm dia. PVC pipes with fittings (LO) c.6 25 mm dia. PVC pipes with fittings (data, data-2nd to 3rd) c.7 75mm X 75mm Beta Duct PVC Open Slotted Trunking c.8 Vichnet Wiremesh Cable Tray (CM50-150-3000-5) including connectors and accessories c.9 Vichnet Wiremesh 90 degrees connector (PJ-CSB)	ingths	17.00		17.00
d.	Wires and Cables d.1 1.6 mm dia THHN wire solid (LO)	mts	2,500.00		2,500.00

d.2	3.5 mm sq. THHN wire stranded (CO, FCU)	mtrs	1,500.00
d.3	5.5 mm sq. THHN wire stranded (PPUPS 3 & 4 (g)), 10 HP (g))	mtrs	35.00
d.4	8.0 mm sq. THHN wire stranded (PPUPS 3 & 4, 10HP, DVM/ACU (g))	mtrs	150.00
d.5	14.0 mm sq. THHN wire stranded (ACU/DVM)	mtrs	150.00
d.6	CAT 5e dataline cable (online)	mtrs	1,800.00
e.1	2x9 Watts Recessed-type Lighting Fixture with Mirrored Reflector and Louver	sets	107.00
e.2	1x9 Watts Recessed-type Lighting Fixture with Mirrored Reflector and Louver	sets	6.00
e.3	1x18 Watts Lighting Fixture with 3.0mm parabolic moulded acrylic diffuser	sets	16.00
e.4	7 Watts, bell-type Finlight with Ga. #22 steel housing in oven baked white enamel and mirrored aluminum reflector	sets	27.00
e.5	LED Portable Emergency Light	sets	18.00
*Note : Use LED Lights			
f.1	2' x 4' ga # 18 GI, deep-type utility box	pcs	190.00
f.2	4' x 4' ga # 18 GI, deep-type junction box with cover	pcs	300.00
f.3	8' x 8' x 5' ga # 18 pull box with cover	pcs	10.00
f.4	16' x 16' x 5' ga # 18 pull box with cover	pcs	3.00
f.5	2 ft wall mounted, closed type, Data Cabinet (23.62" X 23.62") 19" Standard Rack system (60kg max loading capacity), perforated front door with spring lock, detachable side panel (not vented), 2pcs exhaust fan with cable entry at the top panel 2pcs 6 outlet PDU with 3.0mm cable length (220V, 3 prong, 10A) black, powder coat finish	set	1.00
g.1	Miscellaneous Electrical Materials	lot	1.00
g.3	Tie wires, electrical and rubber tapes, tux & screws, etc.	sets	10.00
g.4	Orbit Fan, 16" dia. With 3 rotary switch selection, Standard, 3D or approved equal	sets	4.00
THIRD FLOOR			
a.1	Panel Boards	sets	1.00
a.1	PPUPS 5	sets	1.00
a.1	MAIN: 40 AT/50AF, 240V, 2P, BOLT-ON, INDUSTRIAL TYPE CB	sets	1.00
a.2	EP-3	sets	1.00
a.2	BRANCH : 6 - 20AT/50AF, 240V, P, BOLT-ON CB	sets	1.00
a.2	MAIN: 63 AT/100AF, 240V, 3P, BOLT-ON, INDUSTRIAL TYPE CB	sets	1.00
a.2	BRANCH : 1 - 40AT/50AF, 240V, 2P, BOLT-ON CB	sets	1.00
a.2	4 - 20AT/50AF, 240V, 2P, BOLT-ON CB	sets	1.00
a.2	7 - 15AT/50AF, 240V, 2P, BOLT-ON CB	sets	1.00
a.3	PP-3	sets	1.00
a.3	MAIN: 225 AT/225AF, 240V, 3P, BOLT-ON, INDUSTRIAL TYPE CB	sets	1.00
a.3	BRANCH : 1 - 63AT/100AF, 240V, 3P, BOLT-ON CB	sets	1.00
a.3	1 - 80AT/100AF, 240V, 3P, BOLT-ON CB	sets	1.00
a.3	2 - 50AT/50AF, 240V, 3P, BOLT-ON CB	sets	1.00
a.3	1 - 40AT/50AF, 240V, 2P, BOLT-ON CB	sets	1.00
a.3	1 - 20AT/50AF, 240V, 2P, BOLT-ON CB	sets	1.00
a.4	MTS, 40 amps, 2PDT, non-fusible MTS	sets	1.00
a.5	ECB, 40AT/100AF, 2P, in NEMA 1 enclosure	sets	1.00
b.1	Single pole switch in one plate cover, National Wide Series	pcs	5.00
b.2	Two single pole switch in one plate cover, National Wide Series	pcs	8.00
b.3	Three single pole switch in one plate cover, National Wide Series	pcs	7.00
b.4	Two Gang Three way switch in one plate cover, National wide Series	pcs	1.00
b.5	Duplex two pronged convenience outlet, National	pcs	14.00
b.6	Duplex three pronged convenience outlet, National	pcs	69.00
b.7	Telephone Plate cover, National	pcs	8.00
b.8	Blank Cover, National	pcs	5.00
c.1	15 mm dia. EMT pipes with fittings (CO)	ingths	70.00
c.2	20 mm dia. EMT pipes with fittings (10 HP, FCU)	ingths	30.00
c.3	32 mm dia. EMT pipes with fittings (ACU/DVM)	ingths	10.00
c.4	25 mm dia IMC pipes and fittings (PPUPS 5)	ingths	2.00
c.5	20 mm dia. PVC pipes with fittings (LO)	ingths	195.00
c.6	75mm X 75mm Beta Duct PVC Open Slotted Trunking	ingths	5.00

c.7		Wichnet Wiresmesh Cable Tray (CM50-150-300-5) including connectors and accessories	12.00	ingh/s	
c.8		Wichnet Wiresmesh 90 degrees connector (PJ-CSB)	8.00	ingh/s	
d.		Wire and Cables			
d.1		1.6 mm dia THHN wire solid (LO)	2,100.00	mtr/s	
d.2		3.5 mm sq. THHN wire stranded (CO, FCU)	900.00	mtr/s	
d.3		5.5 mm sq. THHN wire stranded (PPUPS 5 (g), 10 HP (g))	65.00	mtr/s	
d.4		8.0 mm sq. THHN wire stranded (PPUPS 5, 10 HP, DVM (g))	220.00	mtr/s	
d.5		14.0 mm sq. THHN wire stranded (DVM)	90.00	mtr/s	
d.6		CAT 5e dataline cable (online)	900.00	mtr/s	
e.		Lighting Fixtures and Accessories			
e.1		2x9 Watts Recessed-type Lighting Fixture with Mirrored Reflector and Louver	94.00	sets	
e.2		1x18 Watts Lighting Fixture with 3.0mm parabolic moulded acrylic diffuser	16.00	sets	
e.3		1x9 Watts Lighting Fixture with 3.0mm parabolic moulded acrylic diffuser	6.00	sets	
e.4		7 Watts, bell-type Finight with Ga. #22 steel housing in oven baked white enamel and mirrored aluminum reflector	43.00	sets	
e.5		LED Portable Emergency Light	14.00	sets	
*Note : Use LED Lights					
f.		Boxes and Gutters			
f.1		2' x 4' ga # 18 GI, deep-type utility box	120.00	p/s	
f.2		4' x 4' ga # 18 GI, deep-type junction box with cover	180.00	p/s	
f.3		8' x 8' x 5" ga # 18 pull box with cover	6.00	p/s	
f.4		16' x 16' x 5" ga # 18 pull box with cover	2.00	p/s	
f.5		2 ft wall mounted, closed type, Data Cabinet (23.62" X 23.62") 19" Standard Rack system (60kg max loading capacity), perforated front door with spring lock, detachable side panel (not vented), 2pcs exhaust fan with cable entry at the top panel 2pcs 6 outlet PDU with 3.0mm cable length (220V, 3 prong, 10A) black, powder coat finish	1.00	set	
g.		Miscellaneous Electrical Materials			
g.1		The wires, electrical and rubber tapes, flux & screws, etc.	1.00	lot	
g.2		Orbit Fan, 16" dia. With 3 rotary switch selection, Standard, 3D or approved equal	11.00	sets	
g.3		Exhaust Fan, ceiling mounted, 8" dia, Standard, 3D or approved equal	4.00	sets	
SUBTOTAL					
a. DIRECT COST FOR "A"					
b. OCM, 6% of a					
c. PROFIT, 6% of a+b					
d. VAT 12% of a+b+c					
Less: Input VAT					
TOTAL COST "A"					
B. SITE DEVELOPMENT WORKS					
I. SITE WORKS					
a. Earthworks					
a.1		Excavation	150.23	cu.m.	
a.2		Backfilling & compaction	120.18	cu.m.	
a.3		Gravel bedding	103.60	cu.m.	
>		Slab on fill			
>		Perimeter fence column footing			
>		Perimeter fence wall footing			
II. CONCRETE WORKS					
a.		Perimeter fence wall footing	9.95	cu.m.	
b.		Perimeter fence column footing	9.22	cu.m.	
c.		Perimeter fence column	29.16	cu.m.	
d.		Concrete Wheel Stopper	13.00	units	
e.		Service entrance post and transformer pad including footing	6.63	cu.m.	
f.		ACCU Pad, footing and column	9.29	cu.m.	
g.		Concrete Pavement at driveway and parking	142.48	cu.m.	

h. 50mm thk lean concrete			0.42	cu.m.	
h.1 ACJU pad footing					
h.2 Service entrance post footing					
<b>III. MASONRY WORKS</b>					
a. 6" CHB			597.36	sq.m.	
b. Plain cement plastering on CHB walls & Other exposed concrete surfaces			632.68	sq.m.	
<b>SUBTOTAL</b>					
<b>IV. METAL/STEEL WORKS</b>					
a. Security steel gate,			3.75	l.m.	
b. 38mm dia B.I. Pipe schd. 40 with Ga. 18 plain G.I. sheet on 6mm thk x 25mm x 25mm angle bar frame including decorative steel grilles with LBP logo.			1.00	lot	
c. Genset pad and housing			1.00	lot	
d. Perimeter fence decorative steel grilles			112.71	l.m.	
<b>SUBTOTAL</b>					
<b>V. STRUCTURAL STEEL WORKS</b>					
a. Steel Ladder at ACCU pad			1.00	lot	
<b>SUBTOTAL</b>					
<b>VI. PAINTING WORKS</b>					
a.1: Perimeter wall			400.12	sq.m.	
a.2: Perimeter column					
a.3: ACCU pad column					
a.4: Service entrance post					
b. Quick dry enamel paint on metal/steel surface			69.23	sq.m.	
b.1: Perimeter fence decorative grilles					
b.2: Steel gate			30.67	sq.m.	
c. Traffic Paints			1.00	lot	
c.1: Concrete wheel stopper (13 units)			1.00	lot	
c.2: PWD sign at parking & border lines of parking slot			1.00	lot	
<b>SUBTOTAL</b>					
<b>VII. ELECTRICAL WORKS</b>					
a. Panel Boards and Circuit Breakers			1.00	sets	
a.1 300AT/400AF, 3P, 240 VAC IND. TYPE, BOLT-ON CB			1.00	sets	
a.2 250AT/400AF, 3P, 240 VAC IND. TYPE, BOLT-ON CB			1.00	sets	
a.3 225AT/225AF, 3P, 240 VAC IND. TYPE, BOLT-ON CB			1.00	sets	
a.4 600AT/1000AF, 240V, 3P, BOLT-N TYPE CB IN NEMA 3R ENCLOSURE			1.00	sets	
Note: Provide 2 sets of lugs for line and load side capable of accommodating 125 sq mm THHN Wire					
a.5 100A, 240V, 60hz, 3P automatic change-over switch			2.00	sets	
complete with accessories and enclosure					
a.6 63A, 240V, 60hz, 3P automatic change-over switch			1.00	sets	
complete with accessories and enclosure					
b. Roughing-ins and Accessories			16.00	lngth/s	
b.1 20mm dia. EMT pipes with fittings (Pumps)			70.00	lngth/s	
b.2 32 mm dia IMC pipes and fittings (EP-1, EP-2, EP-3 to genset)			9.00	pcs	
b.3 32 mm dia. IMC elbow and connectors			30.00	sets	
b.4 50 mm dia. IMC pipe and fittings (P-3)			3.00	pcs	
b.5 50 mm dia. IMC elbow and connectors			58.00	sets	
b.6 65 mm dia. IMC pipe and fittings (P-1, P-2)			6.00	pcs	
b.7 65 mm dia. IMC elbow and connectors			12.00	lngth/s	
b.8 80 mm dia. IMC pipe and fittings (entrance)			2.00	sets	
b.9 80 mm dia. IMC service entrance cap			80.00	lngth/s	
b.10 20 mm dia. PVC pipes with fittings (L.O. Alarm)			150.00	lngth/s	
b.11 32 mm dia. PVC pipes with fittings (entrance-data/comm)			30.00	lngth/s	
b.12 50 mm dia. PVC pipes with fittings (entrance-data/comm)					

b.13 15 mm dia. X 3m Copper grounding rod w/ connector		2.00	sets
c. Wires and Cables			
c.1	1.6 mm dia THHN wire solid (LO)	675.00	mts
c.2	3.5 mm sq. THHN wire stranded (Pumps)	150.00	mts
c.3	5.5 mm sq. THHN wire stranded (EP-3 (g))	80.00	mts
c.4	8.0 mm sq. THHN wire stranded (EP-1, EP-2 (g))	140.00	mts
c.5	14 mm sq. THHN wire stranded (EP-3)	240.00	mts
c.6	22 mm sq. THHN wire stranded (PP-1, PP-2, PP-3 (g), EP-1, EP-2)	670.00	mts
c.7	30 mm sq. THHN wire stranded (entrance, busbar-genset (g))	45.00	mts
c.8	50 mm sq. THHN wire stranded (PP-3)	280.00	mts
c.9	60 mm sq. THHN wire stranded (PP-2)	270.00	mts
c.10	80 mm sq. THHN wire stranded (PP-1)	260.00	mts
c.11	100 mm sq. THHN wire stranded (bus bar-genset)	15.00	mts
c.12	125 mm sq. THHN wire stranded (entrance)	116.00	mts
c.13	CAT 5e dataline cable (online)	4,800.00	mts
d. Lighting Fixtures and Accessories			
d.1	Globe-caged perimeter lights (with steel cage), 6w LED Bulb	19.00	sets
d.2	1 x 18 watts lighting fixture with 3.0mm parabolic moulded acrylic diffuser	7.00	sets
*Note: Use LED Lights			
e. Boxes and Gutters			
e.1	4" x 4" ga # 18 GI, deep-type junction box with cover	26.00	pcs
e.2	8" x 8" x 5" ga # 18 pull box with cover	6.00	pcs
e.3	600 amp, 3 phase Bus Bar Gutter, 1500x500x400mm, GA # 16 NEMA 3R enclosure	1.00	sets
Load Side:			
	3-80 sq mm THHN wire		
	3-60 sq mm THHN wire		
	3-50 sq mm THHN wire		
e.4	250 amp, 3 phase Bus Bar Gutter, 1400x500x400mm, GA # 16 NEMA 3R enclosure	1.00	sets
Load Side:			
	Line side : 2 sets of 3-150 sq mm THHN wire		
	complete with screws, grounding lugs, bolt and connectors		
	Line side : 3-100 sq mm THHN wire		
	Load Side:		
	3-22 sq mm THHN wire		
	3-22 sq mm THHN wire		
	3-14 sq mm THHN wire		
e.5	1500x500x400mm mm, GA # 16, NEMA 3R enclosure, powder coated with grounding lugs complete with screws, bolt and connectors for ECB	1.00	sets
e.6	MTC Box (24" X 24" X 6"), NEMA 3R Cabinet with wooden backboard with 2" EMT and entrance cap, 30 pairs IDC terminal with gas tube arrester, 3/8" diam Expansion shield with bolt.	1.00	sets
e.7	24" X 24" X 6", ga # 16 telephone terminal cabinet with terminal block capable of accommodating 125 lines	1.00	sets
e.8	CT Box including 3 sets of Current Transformer (300:5)	3.00	sets
Miscellaneous Electrical Materials			
f.1	The wires, electrical and rubber tapes, lugs & screws, etc.	1.00	lot
f.2	Kilowatt-hour meter, 3phase, 4wire, CT Rated, CL 20, 240 VAC, 60 Hz in rectangular base	3.00	sets
SUBTOTAL			
a. DIRECT COST FOR "B"			
b. OCM, 6% of a			
c. PROFIT, 6% of a+b			
d. VAT 12% of a+b+c			
Less: Input VAT			
TOTAL COST "B"			

PROJECT : LANDBANK MALLOS HIGHWAY 3-STOREY OFFICE BUILDING CONSTRUCTION  
 LOCATION : Mc Arthur Highway, Malolos, Bulacan  
 SUBJECT : BID FORM

C. GENERAL REQUIREMENTS			
I.	Mobilization/Demobilization	1.00	lot
II.	Permits and Fees	1.00	lot
III.	Professional Fee	1.00	lot
IV.	Temporary Facilities & Enclosure	1.00	lot
V.	Project and COA Billboard ( 8' x 8' )	1.00	lot
VI.	Maintenance of Temporary Facilities	1.00	lot
VII.	Testing and Commissioning ( Electrical, water and telephone consumption )	1.00	lot
<b>SUBTOTAL</b>			
a. DIRECT COST FOR "C"			
b. VAT 12% of a			
TOTAL COST "C"			
TOTAL PROJECT COST (A+B+C)			

Prepared by:

Contractor