



UNIVERSITY OF THE PHILIPPINES CEBU

OFFICE OF THE CAMPUS ARCHITECT / PROJECT MANAGEMENT

April 30, 2021

ATTY. LIZA D. CORRO
Chancellor, UP Cebu

Project: Construction of Learning Commons Annex Phase 1

Subject: **Removing of Items from B.O.Q**

Dear Chancellor Corro,

Greetings!

In order to meet our budget allocation for FY2021, we would like to notify your good office that we have to remove some items from the Bills of Quantities of AC Ong Consulting for the project Construction of Learning Commons Annex Phase 1. The removed items can still be implemented later on if there will be an additional funds for the project.

Below is the list of items to be removed:

Items:	Cost (PhP)
1. Bridgeway - This covers concreting, metal and earthworks	PhP 1,462,714.76
2. Architecturall - Landscape	PhP 75,600.00
3. Finishes - Wall finishes, stone cladding	PhP 122,461.54
4. Bridgeway - This covers the metal railings, thermal moisture protection, floor finishes and ceiling finishes.	PhP 1,507,907.90
5. Electrical works - Ceiling mounted convenience outlets	PhP 1,615.95
6. Communications - This covers the telephone and data structured cabling, public address and background music	PhP 465,573.38
TOTAL COST REMOVED	PhP 3,365,873.53
Total Cost of B.O.Q. from A.C. Ong Consulting	PhP 33,634,879.18
Less Cost of Removed Items	PhP 3,365,873.53
Approved Budget for the Contract	PhP 29,999,005.65

For your reference.

Thank you.

Sincerely yours,


Arch. Ronan Joseph O. Agravante
Senior Architectural Assistant, OCA WPC




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Noted by:


Arch. Jose Damocles C. Militar
Head, OCA

Conforme by:


Atty. Liza D. Corro
Chancellor, UP Cebu



NOTES

>The Plans, Detailed Drawings, Specifications, Detailed Bill of Quantities, Terms of Reference, Contract Agreement and other Bid Documents shall be considered as complementing each other, so that what is mentioned or shown in one, although not mentioned in the other, shall be considered as appearing in both. In case of conflict between the two, the same should be referred to the Designing Architect/Engineer for resolution with the approval of the Head of Procuring Entity.

>The construction shall be finished with first class workmanship to the satisfaction of the Head of Procuring Entity.

>The items, description and quantities given on the first three columns of the Bill of Quantities /Bid Form, guides only to the owner/bidder interpreting the plans and technical specifications. The owner is not responsible for any mistakes, inaccuracies, duplications, or omissions in these list of the Bill of Quantities/Bid Form which shall never be a basis for additions nor deletions to the scope of work. Only the entries of the Bidder on the last three columns consisting of his own take off quantities from the plans and technical specifications and his unit cost and corresponding sums shall be considered.

>The unit and total bid prices must include all direct and indirect cost/expenses such as overhead, contingencies and miscellaneous (OCM); profit; value added tax and other obligations of any kind under which the contract must be borne by the Bidder since they are necessary to install, construct and complete the whole of the contract in accordance with the bid documents.

>The Grand Total Cost shall include the supply, delivery, installation of materials, labor, construction supervision and equipment including testing and commissioning of equipment by the contractor.

Bill of Quantities

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
A.	GENERAL REQUIREMENTS				1,800,000.00
1.1	Mobilization and Demobilization	1.00	lot	100,000.00	100,000.00
1.2	Bonds and Insurances (Construction Bond)	1.00	lot	390,000.00	390,000.00
1.3	Permits and Licenses	1.00	lot	80,000.00	80,000.00
1.4	Temporary Facilities / Utilities	1.00	lot	70,000.00	70,000.00
1.5	Provision for Scaffolding	1.00	lot	50,000.00	50,000.00
1.6	Safety Occupational Hazards	1.00	lot	50,000.00	50,000.00
1.7	As- Built Plans	1.00	lot	15,000.00	15,000.00
1.8	Environmental Compliance Certificate	Excluded		-	
1.9	Clearing, cleaning, and Hauling of Debris	1.00	lot	45,000.00	45,000.00
1.10	Equipment Cost During Construction/Lifting Fee	1.00	lot	220,000.00	220,000.00
1.11	Handling of Materials	1.00	lot	20,000.00	20,000.00
1.12	Site Security Fee	1.00	lot	200,000.00	200,000.00
1.13	Demolition/Dismantling of Existing structures	1.00	lot	50,000.00	50,000.00
1.14	Application of Power to VECO (Deposit, metering & others)	1.00	lot	500,000.00	500,000.00
1.15	Permit for Cutting of Tree	1.00	lot	10,000.00	10,000.00
1.14	Other work items not mentioned in item 1.0 but necessary to complete the General Requirements (Please identify)				
	Sub-total Amount, 1.0				1,800,000.00
B.	STRUCTURAL WORKS				10,216,320.47
	BUILDING				7,521,475.46
3.0	CONCRETE				
3.1	Concrete Forms and Accessories	2,595.24	sq.m	457.17	1,186,473.06
3.1.1	Footing	110.88	sq.m		
3.1.2	Wall Footing	10.83	sq.m		
3.1.3	Footing Tie Beam	182.62	sq.m		
3.1.4	Slab on Grade	241.74	sq.m		
3.1.5	Suspended Slab	218.93	sq.m		
3.1.6	Columns	463.76	sq.m		
3.1.7	Beams	634.65	sq.m		
3.1.8	Stairs incl. ramp	33.26	sq.m		
3.1.9	Septic Tank	96.59	sq.m		
3.1.10	Cistern Tank	113.17	sq.m		
3.1.11	Fire Tank	149.66	sq.m		
3.1.12	Pump room	27.76	sq.m		
3.1.13	Fire Reserve Tank	311.39	sq.m		
3.2	Concrete Reinforcement	57,165.30	kgs	55.71	3,184,701.15
3.2.1	Footing	10,456.68	kgs		
3.2.2	Wall Footing	132.75	kgs		
3.2.3	Retaining Wall	3,125.69	kgs		
3.2.4	Footing Tie Beam	4,124.92	kgs		
3.2.5	Slab on Grade	1,150.33	kgs		
3.2.6	Suspended Slab	2,261.35	kgs		
3.2.7	Columns	10,234.42	kgs		
3.2.8	Beams	17,394.05	kgs		
3.2.9	Stairs incl. ramp	1,045.67	kgs		
3.2.10	Septic Tank	608.38	kgs		
3.2.11	Cistern Tank	1,607.56	kgs		

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
3.2.12	Pump room	564.89	kgs		
3.2.13	Fire Reserve Tank	4,458.60	kgs		
3.2.14	Tie Wire #16	571.65	kgs	81.83	46,780.58
3.3	Cast-in-Place Concrete, 3000psi	258.06	cu.m	5,606.38	1,446,791.45
3.3.1	Footing, 3000 psi	139.86	cu.m		
3.3.2	Wall Footing, 3000 psi	2.09	cu.m		
3.3.3	Footing Tie Beam, 3000 psi	21.07	cu.m		
3.3.4	Slab on Grade, 3000 psi	33.33	cu.m		
3.3.5	Septic Tank, 3000 psi	8.65	cu.m		
3.3.6	Cistern Tank, 3000 psi	17.40	cu.m		
3.3.7	Fire Reserve Tank	35.67	cu.m		
3.4	Cast-in-Place Concrete, 4000psi	146.65	cu.m	6,158.48	903,148.07
3.4.1	Suspended Slab, 4000 psi	26.27	cu.m		
3.4.2	Columns, 4000 psi	43.24	cu.m		
3.4.3	Beams, 4000 psi	61.00	cu.m		
3.4.4	Stairs incl. ramp, 4000 psi	13.99	cu.m		
3.4.5	Pump room, 4000 psi	2.15	cu.m		
Sub-total Amount, 3.0					6,767,894.30
5.0	METALS				
5.1	Roofing Trusses - Building	1.00	l.s	261,502.29	261,502.29
5.1.1	LC 150 x 65 x 15x 2.0	1,783.08	kgs		
5.1.2	Seat angle - L 75 x 75 x 6mm	986.16	kgs		
5.1.3	10mm dia Sag Rods	81.81	lm		
5.2	Roofing Trusses - Pumproom	1.00	l.s	34,765.62	34,765.62
Sub-total Amount, 5.0					296,267.90
31.0	EARTHWORKS				
31.1	Structural Excavation	431.49	cu.m.	288.13	124,324.70
31.2	Gravel Bedding	72.35	cu.m.	1,161.69	84,042.40
31.3	Backfilling and Compaction	246.33	cu.m.	284.29	70,029.19
31.4	Soil Poisoning	587.99	sq.m.	136.87	80,477.54
31.5	Hauling and Disposal of unnecessary debris	185.16	cu.m.	414.67	76,779.56
31.6	Earth Baling of Tree	2.00	trees	10,829.93	21,659.87
Sub-total Amount, 31.0					457,313.26
BRIDGEWAY					1,462,714.76
3.0	CONCRETE				
3.1	Concrete Forms and Accessories	313.26	sq.m	427.17	133,818.13
3.1.1	Footing	42.60	sq.m		
3.1.2	Suspended Slab	87.08	sq.m		
3.1.3	Columns	62.40	sq.m		
3.1.4	Beams	121.19	sq.m		
3.2	Concrete Reinforcement	7,776.41	kgs	57.20	444,776.45
3.2.1	Footing	1,494.05	kgs		
3.2.2	Suspended Slab	1,996.96	kgs		
3.2.3	Columns	1,314.94	kgs		
3.2.4	Beams	2,970.47	kgs		
3.2.5	Tie Wire #16	101.09	kgs	81.90	8,279.54
3.3	Cast-in-Place Concrete				
3.3.1	Footing, 3000 psi	23.20	cu.m	5,377.80	124,775.75
3.4	Cast-in-Place Concrete, 4000psi	31.98	cu.m	4,773.13	152,653.15
Sub-total Amount, 3.0					864,303.02
5.0	METALS				
5.1	Metal Decking	1.00	l.s	107,852.47	107,852.47
5.1.1	Metal Deck	77.64	sq.m		
5.1.2	Miscellaneous & Consumables	1.00	lot		
5.2	Structural Steel	1.00	l.s	193,605.12	193,605.12
5.2.1	150x150x5mm Tubular Steel Column	1,343.14	kgs		
5.2.2	100x150x2mm Tubular Steel Beam	852.77	kgs		
5.2.3	Miscellaneous & Consumables	1.00	lot		
5.3	Baseplate	1.00	l.s	50,811.77	50,811.77
5.3.1	16mm thk. Baseplate	167.99	kgs		
5.3.2	16mm dia. A325 Headed bolts w/ std. Nuts & washers	107.00	pcs		

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
5.3.3	Miscellaneous & Consumables	1.00	lot		
5.4	Fire Exit Stair	1.00	l.s	128,749.21	128,749.21
5.4.1	C8x11	484.63	kgs		
5.4.2	150x150x2mm Tubular Steel Column	50.19	kgs		
5.4.3	Seat angle - L 50 x 50 x 3mm	88.00	kgs		
5.4.4	3mm thk. Checkered Plate	232.12	kgs		
5.4.5	16mm thk. Baseplate	18.53	kgs		
5.4.6	16mm dia. A325 Anchor bolts w/ std. Nuts & washers	8.00	pcs		
5.4.7	Miscellaneous & Consumables	1.00	lot		
Sub-total Amount, 5.0					481,018.58
3.0	EARTHWORKS				
3.1.1	Structural Excavation	98.01	cu.m.	522.82	51,241.88
3.1.2	Gravel Bedding	6.53	cu.m.	1,397.68	9,132.41
3.1.3	Backfilling and Compaction	74.81	cu.m.	374.30	28,000.95
3.1.4	Soil Poisoning	65.34	sq.m.	239.98	15,680.10
3.1.5	Hauling and Disposal of unnecessary debris	23.20	cu.m.	574.86	13,337.83
Sub-total Amount, 31.0					117,393.17
	FENCE				1,232,130.24
3.0	CONCRETE				
3.1	Concrete Forms and Accessories	378.50	sq.m	569.83	215,680.80
3.1.1	Columns	24.00	sq.m		
3.1.2	Bond Beams	25.20	sq.m		
3.1.3	Retaining Wall	329.30	sq.m		
3.2	Concrete Reinforcement	3,893.29	kgs	57.25	222,875.76
3.2.1	Columns	564.44	kgs		
3.2.2	Bond Beams	632.41	kgs		
3.2.3	Retaining Wall	2,696.44	kgs		
3.2.4	Tie Wire #16	59.22	kgs	81.90	4,850.12
3.3	Cast-in-Place Concrete, 3000psi	82.97	cu.m	3,711.12	307,911.82
3.3.1	Retaining Wall, 3000 psi	82.97	cu.m		
3.4	Cast-in-Place Concrete, 4000psi	12.73	cu.m	4,748.22	60,444.82
3.4.1	Columns, 4000 psi	6.30	cu.m		
3.4.2	Bond Beams, 4000 psi	6.43	cu.m		
Sub-total Amount, 3.0					811,763.33
3.0	EARTHWORKS				
3.1.1	Structural Excavation	550.80	cu.m.	338.55	186,471.18
3.1.2	Gravel Bedding	20.10	cu.m.	1,335.41	26,841.75
3.1.3	Backfilling and Compaction	630.62	cu.m.	177.54	111,960.45
3.1.4	Soil Poisoning	528.25	sq.m.	180.02	95,093.54
Sub-total Amount, 31.0					420,366.92
C.	ARCHITECTURAL WORKS				9,712,014.08
1.00	Landscape	1.00	lot	75,600.00	75,600.00
Sub-total Amount, 1.0					75,600.00
	BUILDING				7,404,525.39
1.00	MASONRY WORKS				
1.1	150 mm thk CHB	551.24	sqm	983.48	542,131.46
1.1.1	CHB 6"	6,891.00	pcs		
1.1.2	Cement	562.00	bags		
1.1.3	Sand	48.00	cu.m		
1.1.4	Reinforcement (10mm dia)	2,359.41	kgs		
	Other work items not mentioned in item 1.0 but necessary to complete the Masonry Works (Please identify)				
Sub-total Amount, 1.0					542,131.46
5.0	METALS				
5.1	Stairs and Handrails				
5.1.1	Main Stairs	1.00	l.s.	219,493.06	219,493.06
5.1.1.1	50mmØ S/S Pipe Handrail	18.48	lm		
5.1.1.2	50mmØ S/S Vertical Support	24.20	lm		

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
5.1.1.3	20mmØ S/S Round Bar	36.96	lm		
5.1.1.4	3mm thk x 50mm x 25mm Brass Nosing	48.40	lm		
5.1.2	Fire Exit Stairs	1.00	I.s.	184,989.99	184,989.99
5.1.2.1	50mmØ S/S Pipe Handrail	22.00	lm		
5.1.2.2	25mmØ S/S Pipe	44.00	lm		
5.1.2.3	50mmØ S/S Pipe	22.00	lm		
5.1.2.4	3mm thk x 50mm x 25mm Brass Nosing S/S Pipe	37.40	lm		
5.1.3	steps on grade handrails	1.00	I.s.	80,698.53	80,698.53
5.1.3.1	50mmØ S/S Pipe	6.90	lm		
5.1.3.2	25mmØ S/S Pipe	7.00	lm		
5.1.3.3	3mm thk x 50mm x 25mm Brass Nosing S/S Pipe	22.50	lm		
	Other work items not mentioned in item 5.0 but necessary to complete the Metal Works (Please identify)				
Sub-total Amount, 5.0					485,181.57
7.0	THERMAL AND MOISTURE PROTECTION				
7.1	Roofing				
7.1.1	GA #22 Pre-painted Long Span Rib Type Roofing incl. Roofing insulation with anti-rust paint, Ridge Roll, Flashing & Accessories	352.00	sqm	1,529.37	538,337.62
7.2	Waterproofing				
7.2.1	WP-01 1.5mm thk Cementitious Waterproofing by Crystallization Rigid Cement-Based Single Component Polymer Modified Waterproofing that Withstand Static Pressure, Hard and Abrasion Resistant, Vapor Permeable and VOC Compliant with 1.8 Upturn on Wall	35.20	sqm	882.82	31,075.35
7.2.2	WP-02 Trafficable Liquid-Applied Waterproofing	43.60	sqm	1,219.57	53,173.28
	Other work items not mentioned in item 7.0 but necessary to complete the Thermal and Moisture Protection (Please identify)				
Sub-total Amount, 7.0					622,586.25
8.00	OPENINGS				
8.1	Doors including Jamb & Finish Hardware				
8.1.1	D-1 (3.6mx2.7m) Double Leaf 12mm thk Tempered Glass Door with Fixed Glass and Frosted Sticker in Aluminum Frame complete with Hardware and Accessories	1.00	set/s	36,818.14	36,818.14
8.1.2	D-2 (1mx2.1m) Solid Door Single Leaf Door w/ 2"x4" Jamb & Head with 8mm thk Tempered Fixed Glass Complete with Hardware and Accessories	7.00	set/s	17,485.74	122,400.15
8.1.3	D-3 (.9mx2.1m) Hollow Core Single Leaf Door w/ 2"x4" Door Jamb & Head (with Vent Slats) Complete with Hardware and Accessories	1.00	set/s	12,398.87	12,398.87
8.1.4	D-4 (1mx2.1m) Metal Single Leaf Louver Door w/ 2"x4" Door Jamb & Head Complete with Hardware and Accessories	2.00	set/s	14,062.07	28,124.14
8.1.5	D-5 (1.2mx2.1m) Metal Double Leaf Louver Door w/ 2"x4" Door Jamb & Head Complete with Hardware and Accessories	2.00	set/s	15,032.27	30,064.54
8.1.6	D-6 (1mx2.1m) Metal Fire Rated Single Leaf Door w/ 2" x 4" Door Jamb & Head Complete with Panic Hardware	3.00	set/s	17,506.07	52,518.21
8.1.7	D-7 (1mx2.1m) Single Leaf Sliding Door with Sliding Track with Fixed Tempered Glass w/ Hardware and Accessories	2.00	set/s	13,618.45	27,236.91
8.1.8	D-8 (.980mx2.1m) Solid Door Single Leaf Door w/ 2" x 4" Jamb & Head Complete with Hardware and Accessories	4.00	set/s	12,730.01	50,920.06

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
8.1.9	D-9 (1.1mx2.1m) Solid Door Single Leaf Door w/ 2"x4" Jamb & Head with 8mm thk Tempered Fixed Glass Complete with Hardware and Accessories	1.00	set/s	16,305.34	16,305.34
8.1.10	D-10 (.7mx2.1m) Hollow Core Single Leaf Door w/ 2"x4" Door Jamb & Head (with Vent Slats) Complete with Hardware and Accessories	1.00	set/s	12,157.20	12,157.20
8.1.11	D-11 (3.890mx2.1m) Solid Door Foldable Door w/ Sliding Track System 2"x4" Jamb & Head Complete with Hardware and Accessories	1.00	set/s	44,683.35	44,683.35
8.1.12	D-12 (1m x 1,8m) Hollow Core w/ Fabric complete with Hardware and Accessories	1.00	set/s	14,518.68	14,518.68
8.20 Windows including Frames and Accessories					
8.2.1	W-1 (3.5mx2.1m) 12 mm thk Tempered Fixed Glass and Frosted Sticker in Aluminum Frame Complete with Hardware and Accessories	1.00	set/s	29,923.51	29,923.51
8.2.2	W-2 (.8mx1.5m) Awning Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	1.00	set/s	3,541.07	3,541.07
8.2.3	W-3 (2.3mx.6m) Awning Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	9.00	set/s	3,442.21	30,979.91
8.2.4	W-4 (3x1.50m) Awning Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	2.00	set/s	8,203.07	16,406.14
8.2.5	W-5 (2mx1.50m) Awning Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	2.00	set/s	6,313.07	12,626.14
8.2.6	W-6 (.6mx.6m) Awning Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	1.00	set/s	2,457.47	2,457.47
8.2.7	W-7 (.9mx1.2m) Fixed Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	2.00	set/s	3,616.67	7,233.34
8.2.8	W-8 (1.2mx1.2m) Fixed Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	4.00	set/s	4,985.58	19,942.31
8.2.9	W-9 (2mx1.2m) Fixed Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	4.00	set/s	5,388.78	21,555.11
8.2.10	W-10 (6mx1.2m) Fixed Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	1.00	set/s	16,897.07	16,897.07
8.2.11	W-11 (2.7mx1.5m) Awning Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	deleted	set/s		
8.2.12	W-12 (2.1mx.8m) Awning Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	2.00	set/s	4,574.27	9,148.54
8.2.13	W-13 (2.1mx2m) Awning Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	1.00	set/s	7,201.84	7,201.84
8.2.14	W-14 (3.6mx1.5m) Awning Window in Aluminum Frame with Powder Coated Finish Complete with Hardware and Accessories	5.00	set/s	5,697.81	28,489.07
8.3 Windows Grills including Frames and Accessories					
8.3.1	G-1 (2.1 x 1.6m) Window Grills in 50mm flat bar frame in 3mm thk with 10mm diameter vertical bars and 25mm horizontal flat bar in paint finish with rust oxide primer complete with complete accessories .	4.00	set/s	12,885.78	51,543.11
8.3.2	G-2(3.1 x 1.6m) Window Grills in 50mm flat bar frame in 3mm thk with 10mm diameter vertical bars and 25mm horizontal flat bar in paint finish with rust oxide primer complete with complete accessories .	1.00	set/s	15,133.07	15,133.07
8.3.3	G-3(.90 x 1.6m) Window Grills in 50mm flat bar frame in 3mm thk with 10mm diameter vertical bars and 25mm horizontal flat bar in paint finish with rust oxide primer complete with complete accessories .	1.00	set/s	11,353.07	11,353.07
8.3.4	75mm x 100mm x 5mm thk tubular steel louver panels	29.89	sq.m	5,765.43	172,328.85
Other work items not mentioned in item 8.0 but necessary to complete the Openings (Please identify)					
Sub-total Amount, 8.0					904,905.19

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
9.00	FINISHES				
9.1	Plastering	976.36	sqm	182.46	178,147.35
9.1.1	Cement	265.00	bags		
9.1.2	Sand	23.00	cu.m		
9.1.3	Additional Wall	130.00	sqm	1,252.25	162,792.00
9.2	Floor Finishes				
9.2.1	FF-1 Polished Concrete in Epoxy Paint Finish	41.00	sq.m	562.61	23,067.11
9.2.2	FF-2 600x600mmx10mm Homogenous Tiles Non-skid	378.00	sq.m	2,150.00	812,698.71
9.2.3	FF-3 600x300mmx10mm Homogenous Tiles Non-skid	5.00	sq.m	2,262.04	11,310.21
9.2.4	FF-4 300mm x 300mmx10mm Carpet Tile	112.00	sq.m	1,586.55	177,693.25
9.3	Wall Finishes				
9.3.1	WF-1a Exterior Plain Semi-gloss acrylic Solvent-based coating Paint Finish (exterior-verify color)	420.25	sq.m	504.52	212,025.48
9.3.2	WF-1b Interior Plain Semi-gloss acrylic Solvent-based coating Paint Finish (exterior-verify color)	1,248.15	sq.m	507.68	633,664.84
9.3.3	WF-3 600mm x 600mm Homogeneous tile	26.95	sq.m	2,218.53	59,789.37
9.3.4	WF-4 Stone Cladding	55.00	sq.m	2,226.57	122,461.54
9.3.5	WF-5 Acoustical Wall Panel	122.43	sq.m	1,306.32	159,932.28
9.3.6	WF-6 Louver Panel	34.65	sq.m	3,095.56	107,261.04
9.3.7	4 - Partition Type 4 - Drywall	65.07	sq.m	2,090.43	136,013.91
9.3.8	5 - Partition Type 5 - Drywall with Acoustic Insulation	207.90	sq.m	3,282.21	682,370.79
9.3.9	6 - Partition Typr 6 - 1800mm Ht. Office Divider Panel w/ Fabric and Glass (9m+3.5m+3.4m)	18.00	l.m	13,312.87	239,631.60
9.4	Ceiling Finishes				
9.4.1	(CF-1) 12mm thk Gypsum Board in Flat Paint Finish on Standard Metal Furring spaced @ 600mmx600mm O.C. B.W	188.54	sq.m	1,235.04	232,853.80
9.4.2	(CF-1) 12mm thk Moisture Resistant Gypsum Board in Matte Paint Finish on Standard Metal Furring spaced @ 600mmx600mm O.C. B.W	5.50	sq.m	1,788.22	9,835.24
9.4.3	(CF-3) 600mm x 1200mm x 15mm acoustic board on std. t-runner and wall angle	374.88	sq.m	2,082.55	780,707.70
9.4.4	(CF-4) 12mm thick Fiber Cement Board on Standard Metal Furring, Flat Paint Finish	38.00	sq.m	1,747.73	66,413.78
9.4.5	(CF-05) Exposed Ceiling/Soffit Flat Paint Finish	64.66	sq.m	479.55	31,007.70
	Other work items not mentioned in item 9.0 but necessary to complete the Finishes (Please identify)				
	Sub-total Amount, 9.0				4,839,677.70
10.00	SPECIALTIES				
10.1	Toilet				
10.1.1	PWD Grab Bar	1.00	set/s	1,727.21	1,727.21
10.1.2	Mirror	1.00	sqm	756.00	756.00
10.1.3	Slop Sink	1.00	set/s	7,560.00	7,560.00
	Other work items not mentioned (Please identify)				
	Sub-total Amount, 10.0				10,043.21
	BRIDGEWAY				1,507,907.90
5.0	METALS				
5.1	Stairs and Handrails				
5.1.1	Bridgeway check with client if ok with metal or stainless steel railings				
5.1.1.1	12mm thk Tempered Glass with railings	76.50	sq.m	9,847.37	753,323.81
5.1.2	Stairs	1.00	l.s.	124,186.80	124,186.80
5.1.2.1	50mmØ S/S Pipe	22.00	lm		
5.1.2.2	25mmØ S/S Pipe	44.00	lm		
5.1.2.3	50mmØ S/S pIPE	20.00	lm		
	Other work items not mentioned in item 5.0 but necessary to complete the Metal Works (Please identify)				
	Sub-total Amount, 5.0				877,510.61

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
7.0	THERMAL AND MOISTURE PROTECTION				
7.1	Waterproofing				
7.1.1	WP-02 Trafficable Liquid-Applied Waterproofing	179.00	sqm	1,152.86	206,362.74
	Other work items not mentioned in item 7.0 but necessary to complete the Thermal and Moisture Protection (Please identify)				
	Sub-total Amount, 7.0				206,362.74
9.00	FINISHES				
9.1	Floor Finishes				
9.2.1	FF-1 Polished Concrete in Epoxy Paint Finish	118.80	sq.m	599.52	71,223.42
9.2.2	FF-5 Interlocking Concrete Paver Block - Brickstone	95.28	sq.m	726.61	69,231.43
9.3	Ceiling Finishes				
9.3.1	(CF-4) 12mm thick Fiber Cement Board on Standard Metal Furring, Flat Paint Finish	144.00	sq.m	1,623.21	233,742.04
9.3.2	(CF-05) Exposed Ceiling/Soffit Flat Paint Finish	96.00	sq.m	519.14	49,837.66
	Other work items not mentioned in item 9.0 but necessary to complete the Finishes (Please identify)				
	Sub-total Amount, 9.0				424,034.55
	Pump Room and Cistern Tank, Fire Protection Room and Fire Reserve Tank				589,597.42
1.00	MASONRY WORKS				
1.1	150 mm thk CHB	39.60	sqm	887.72	35,153.55
1.1.1	CHB 6"	495.00	pcs		
1.1.2	Cement	41.00	bags		
1.1.3	Sand	4.00	cu.m		
1.1.4	Reinforcement (10mm dia)	169.49	kgs		
1.2	Additional Fire Protection room area	45.00	sqm	1,028.50	46,282.54
1.3	Additional wall for underground tank	115.00	sqm	989.44	113,785.72
	Other work items not mentioned in item 1.0 but necessary to complete the Masonry Works (Please identify)				
	Sub-total Amount, 1.0				195,221.81
7.0	THERMAL AND MOISTURE PROTECTION				
7.1	Roofing				
7.1.1	GA #22 Pre-painted Long Span Rib Type Roofing incl. Roofing insulation with anti-rust paint, Ridge Roll, Flashing & Accessories	31.00	sqm	1,784.91	55,332.22
7.2	Waterproofing				
7.2.1	WP-02 Trafficable Liquid-Applied Waterproofing	170.00	sqm	1,131.72	192,391.80
	Other work items not mentioned in item 7.0 but necessary to complete the Thermal and Moisture Protection (Please identify)				
	Sub-total Amount, 1.0				247,724.02
8.00	OPENINGS				
8.1	Doors including Jamb & Finish Hardware				
8.1.1	D-1 (1.7mx2.1m) Metal Double Swing Door with Automotive Lacquer Finish; Complete with Hardware & Accessories, Lever Type Lockset; w/ Automatic Door Closer	2.00	set/s	19,984.07	39,968.13
8.2	Windows including Frames and Accessories				
8.2.1	W-1 (1.6mx.6m) Aluminum Frame Window With Powder Coated Finish; Complete with Hardware & Accessories	1.00	set/s	6,079.73	6,079.73
	Other work items not mentioned in item 8.0 but necessary to complete the Openings (Please identify)				
	Sub-total Amount, 9.0				46,047.87
9.00	FINISHES				
9.1	Floor Finishes				
9.2.1	FF-1 Polished Concrete in Epoxy Paint Finish	25.00	sq.m	479.85	11,996.14
9.3	Wall Finishes				
9.3.1	WF-1a Exterior Plain Semi-gloss acrylic Solvent-based coating Paint Finish (exterior-verify color)	70.00	sq.m	533.57	37,350.15
9.3.2	WF-1b Interior Plain Semi-gloss acrylic Solvent-based coating Paint Finish (exterior-verify color)	70.00	sq.m	533.57	37,350.15

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
9.2	Ceiling Finishes				
9.4.1	(CF-05) Exposed Ceiling/Soffit Flat Paint Finish	25.30	sq.m	549.69	13,907.28
	Other work items not mentioned in item 9.0 but necessary to complete the Finishes (Please identify)				
	Sub-total Amount, 9.0				100,603.71
	FENCE				134,383.37
1.00	MASONRY WORKS				
1.10	150 mm thk CHB with Plastering	126.01	sqm	1,066.48	134,383.37
1.1.1	CHB 6"	1,576.00	pcs		
1.1.2	Cement	129.00	bags		
1.1.3	Sand	11.00	cu.m		
1.1.4	Reinforcement (10mm dia)	539.32	kgs		
	Sub-total Amount, 1.0				134,383.37
21.0	FIRE PROTECTION SYSTEM				3,930,539.33
21.1	FIRE PUMP EQUIPMENTS & FIRE RESERVE TANK				
21.1.1	Fire Pump, FP/1	1.00	unit	2,437,596.05	2,437,596.05
	Vertical Turbine Fire Pump UL Listed & FM Approved complete with standard accessories & pump controller panel 300 GPM Capacity x 180 ft. TDH 1770 RPM, 25 HP 230 Volts, 3-Ø (Three Phase), 60 Hz				
21.1.2	Jockey Pump, JP/1	1.00	unit	t of Fire Pump Pricing	
	Submersible type jockey pump complete with standard accessories & pump controller panel 20 GPM Capacity x 198 ft. TDH 3500 RPM, 3 HP 230 Volts, 3-Ø (Three Phase), 60 Hz				
21.1.3	Fire Reserve Tank	1.00	unit	On Structural Estimates	
	18042.33 Gallon Capacity (68.2 cu.m.) Reinforced Concrete				
21.1.4	600 mm x 600 mm Access Manhole for Fire Tank	1.00	Assy.	32,101.07	32,101.07
21.1.5	Miscellaneous and Consumables	1.00	lot	18,900.00	18,900.00
21.1.6	Fire Pump Performance Testing	1.00	lot	18,900.00	18,900.00
	Sub-total amount, Item 21.1				2,507,497.12
21.2	VALVES AND OTHER RELATED MATERIALS				
21.2.1	Pump Room:				
21.2.1.1	OS&Y Gate Valve				
21.2.1.1.1	OS&Y Gate Valve, 4" Ø (100 mm)	3.00	pc/s	25,122.54	75,367.61
21.2.1.1.2	OS&Y Gate Valve, 2" Ø (50 mm)	1.00	pc/s	19,702.67	19,702.67
21.2.1.1.3	Tamper Switch for OS&Y Gate Valve	3.00	pc/s	10,053.56	30,160.67
21.2.1.2	Check Valve				
21.2.1.2.1	Check Valve, 4" Ø (100 mm)	2.00	pc/s	26,407.74	52,815.47
21.2.1.2.2	Check Valve, 2" Ø (50 mm)	1.00	pc/s	12,044.67	12,044.67
21.2.1.3	Flexible Connection				
21.2.1.3.1	Flexible Connection, 4" Ø (100 mm)	1.00	pc/s	7,912.33	7,912.33
21.2.1.3.2	Flexible Connection, 2" Ø (50 mm)	1.00	pc/s	3,480.75	3,480.75
21.2.1.4	Flow Meter, 4" Ø (100 mm)	1.00	pc/s	46,965.34	46,965.34
21.2.2	65 mm Ø (1-way) x 100 mm Ø Fire Pump Test Connection	1.00	unit	31,444.01	31,444.01
21.2.3	Alarm Check Valve Riser				
21.2.3.1	Vertical Alarm Check Valve Assembly, 4" Ø (100 mm) complete with standard accessories and trimmings.	1.00	Assy.	137,652.68	137,652.68
21.2.3.2	OS&Y Gate Valve, 4" Ø (100 mm)	1.00	pc/s	28,522.67	28,522.67
21.2.3.3	Tamper Switch for 4" Ø (100 mm) OS&Y Gate Valve	1.00	pc/s	10,481.34	10,481.34

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
21.3.4	Miscellaneous and Consumable Materials	1.00	lot	18,900.00	18,900.00
21.3.5	Testing and Commissioning	1.00	lot	18,900.00	18,900.00
Sub-total amount, Item 21.2					494,350.20
21.3	FIRE PROTECTION DISTRIBUTION MATERIALS				
21.3.1	Floor Control Valve Assembly				
21.3.1.1	OS&Y Gate Valve, 4" Ø (100 mm)	-	pc/s	29,140.65	-
21.3.1.2	Supervisory Switch	-	pc/s	11,400.48	-
21.3.1.3	Pressure Gauge	-	pc/s	3,178.98	-
21.3.1.4	Section Drain Valve, 1-1/4" Ø (32 mm)	-	pc/s	3,858.62	-
21.3.1.5	Test Globe Valve, 1" Ø (25 mm)	-	pc/s	2,773.39	-
21.3.1.6	Sight Glass, 1" Ø (25 mm)	-	pc/s	1,753.92	-
21.3.2	Remote Flushing Valve (Normally Closed), 1 1/2" Ø (40 mm)	2.00	pc/s	4,441.50	8,883.00
21.3.3	Remote Inspector's Test Valve Assembly (Normally Closed), 1" Ø (25 mm)	1.00	pc/s	9,009.00	9,009.00
	Complete with Pressure Gauge, Sight Glass & Accessories				
21.3.4	Fire Department Connection				
21.3.4.1	65 mm Ø (2-way) x 100 mm Ø Dry Stand Pipe Fire Dep't Connection	1.00	units	17,612.00	17,612.00
21.3.4.2	65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't Connection	1.00	units	18,872.00	18,872.00
21.3.4.3	Check Valve, 4" Ø (100 mm)	2.00	pc/s	24,868.67	49,737.34
21.3.5	Sprinkler Head				
21.3.5.1	Sprinkler Head; Pendant Type (Recessed)	54.00	pc/s	680.09	36,724.82
21.3.5.2	Sprinkler Head; Upright Type	5.00	pc/s	506.33	2,531.67
21.3.6	Fire Hose Cabinet				
21.3.6.1	Fire Hose Cabinet - Recessed Mounted complete with standard accessories to include multipurpose dry chemical fire extinguisher	2.00	sets	31,672.67	63,345.34
21.3.7	Fire Hose Valve				
21.3.7.1	100 mm Ø x 65mm Ø Female NPT inlet x Male hose Thread Outlet	2.00	pc/s	9,693.84	19,387.67
21.3.8	B.I. Pipe Sch. 40 x 6 m Length				
21.3.8.1	100 mm Ø	37.00	length	10,234.32	378,669.97
21.3.8.2	75 mm Ø	4.00	length	6,708.33	26,833.34
21.3.8.3	65 mm Ø	4.00	length	5,857.83	23,431.34
21.3.8.4	50 mm Ø	7.00	length	3,369.00	23,583.00
21.3.8.5	40 mm Ø	7.00	length	2,648.17	18,537.17
21.3.8.6	32 mm Ø	7.00	length	1,868.00	13,076.00
21.3.8.7	25 mm Ø	33.00	length	1,450.95	47,881.41
21.3.9	Fire Extinguisher				
21.3.9.1	10 lbs. ABC Dry Chemical Fire Extinguisher, Wall Mounted (Portable Type)	7.00	pc/s	7,268.13	50,876.94
21.3.10	B.I. Fittings	1.00	lot	37,800.00	37,800.00
21.3.11	Pipe Hanger and Support	1.00	lot	37,800.00	37,800.00
21.3.12	Miscellaneous and Consumable Materials	1.00	lot	25,200.00	25,200.00
21.3.13	Testing and Commissioning	1.00	lot	18,900.00	18,900.00
Sub-total amount, Item 21.3					928,692.01
22.0	PLUMBING WORKS				1,970,672.20
22.1	PIPING SYSTEM				
22.1.1	Storm Drainage Lines				
22.1.1.1	PVC Pipes, Series 1000, 3 mtr. Length				
22.1.1.1.1	250mm Ø	6.00	lgth	3,603.08	21,618.50
22.1.1.1.2	150mm Ø	38.00	lgth	2,334.17	88,698.53
22.1.1.1.3	100mm Ø	61.00	lgth	1,162.14	70,890.74
22.1.1.1.4	75mm Ø	50.00	lgth	879.09	43,954.72
22.1.1.2	Condensate Drains				

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
22.1.1.2.1	PVC Blue Pipes, 3 mtr. Length				
22.1.1.2.1.1	32mm Ø	17.00	lgth	260.84	4,434.27
22.1.1.2.1.2	25mm Ø	53.00	lgth	208.81	11,066.77
22.1.1.3	Rubber Insulation				
22.1.1.3.1	32 mm Ø x 2 m L x 19 mm Thick	45.00	lgth	328.67	14,790.07
22.1.1.3.2	25 mm Ø x 2 m L x 19 mm Thick	192.00	lgth	290.36	55,748.75
22.1.1.4	Drains				
22.1.1.4.1	Catch Basin with Concrete Cover, 600 mm x 600 mm	2.00	units	28,825.07	57,650.14
22.1.1.4.2	Area Drain with Grating Cover, 600 mm x 600 mm	8.00	units	20,898.56	167,188.49
22.1.1.4.3	Gutter Drain (Brass), 100 mm Ø	5.00	pc/s	3,681.16	18,405.80
22.1.1.4.4	Floor Drain (Brass), 75 mm Ø	30.00	pc/s	945.30	28,358.87
22.1.1.5	Cleanouts				
22.1.1.5.1	Ceiling Cleanout (PVC)				
22.1.1.5.1.1	75mm Ø	8.00	pc/s	75.99	607.95
22.1.1.5.2	Ceiling Cleanout (PVC Endcap)				
22.1.1.5.2.1	32mm Ø	2.00	pc/s	58.59	117.18
22.1.1.5.2.2	25mm Ø	3.00	pc/s	45.36	136.08
22.1.1.5.3	Ground Cleanout (PVC)				
22.1.1.5.3.1	100mm Ø	5.00	pc/s	150.04	750.19
22.1.1.5.4	Floor Cleanout (Brass)				
22.1.1.5.4.1	150mm Ø	2.00	pc/s	1,664.66	3,329.32
22.1.1.5.4.2	32mm Ø (Brass Endcap)	1.00	pc/s	651.33	651.33
22.1.1.6	Hanger / Brackets / Supports / Concrete Saddle				
22.1.1.6.1	250mm Ø	12.00	pc/s	344.58	4,135.02
22.1.1.6.2	150mm Ø	76.00	pc/s	225.45	17,134.14
22.1.1.6.3	100mm Ø	122.00	pc/s	221.93	27,075.89
22.1.1.6.4	75mm Ø	100.00	pc/s	225.25	22,525.07
22.1.1.6.5	32mm Ø	34.00	pc/s	149.32	5,076.87
22.1.1.6.6	25mm Ø	106.00	pc/s	163.69	17,350.91
22.1.1.7	Pipe Connectors, Fittings and Accessories	1.00	lot	25,045.07	25,045.07
22.1.1.8	Miscellaneous / Consumables	1.00	lot	37,800.00	37,800.00
22.1.1.9	Gravel / Sand bedding works	1.00	lot	17,434.67	17,434.67
22.1.1.10	Excavation works (Labor only)	1.00	lot	43,978.54	43,978.54
22.1.1.11	Backfilling and Compaction Works (Labor only)	1.00	lot	36,007.78	36,007.78
22.1.1.12	Testing Works (Leak and Gravity Test)	1.00	lot	10,985.34	10,985.34
	Other work items not mentioned in item 22.1.1 but necessary to complete the Storm Drainage Lines (Please identify)				
	Sub-total amount, Item 22.1.1				852,946.97
22.1.2	Sewer and Vent Lines				
22.1.2.1	PVC Pipes, Series 1000, 3 mtr. Length				
22.1.2.1.1	100mm Ø	4.00	lgth	1,425.99	5,703.95
22.1.2.1.2	50mm Ø	21.00	lgth	507.51	10,657.74
22.1.2.2	Drains				
22.1.2.2.1	Floor Drain (Brass)				
22.1.2.2.1.1	50mm Ø	3.00	pc/s	1,498.78	4,496.34
22.1.2.3	Cleanout				
22.1.2.3.1	Floor Cleanout (Brass)				
22.1.2.3.1.1	100mm Ø	2.00	pc/s	1,719.67	3,439.33
22.1.2.3.1.2	50mm Ø	1.00	pc/s	1,065.19	1,065.19
22.1.2.4	Vent Stack Thru Roof, 50 mm Ø	1.00	pc/s	2,626.17	2,626.17
22.1.2.5	Grease Trap, 5 GPM Capacity	1.00	unit	12,415.90	12,415.90
22.1.2.6	Pipe Connectors, Fittings and Accessories	1.00	lot	12,522.54	12,522.54
22.1.2.7	Hanger / Brackets / Supports / Concrete Saddle				
22.1.2.7.1	100mm Ø	8.00	pc/s	328.94	2,631.54
22.1.2.7.2	50mm Ø	42.00	pc/s	165.26	6,940.74
22.1.2.8	Miscellaneous / Consumables	1.00	lot	18,900.00	18,900.00
22.1.2.9	Excavation works (Labor only)	1.00	lot	22,150.31	22,150.31
22.1.2.10	Backfilling and Compaction works (Labor only)	1.00	lot	19,892.50	19,892.50
22.1.2.11	Testing Works (Leak and Gravity Test)	1.00	lot	8,655.27	8,655.27
	Other work items not mentioned in item 22.1.2 but necessary to complete the Sewer and Vent Lines (Please identify)				

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
Sub-total amount, Item 22.1.2					132,097.50
22.1.3	Water Supply System				
22.1.3.1	PPR Pipes, PN-20, 4 mtr. Length				
22.1.3.1.1	Potable Waterline				
22.1.3.1.1.1	40mm Ø	3.00	lgth	2,635.61	7,906.83
22.1.3.1.1.2	32mm Ø	8.00	lgth	1,643.81	13,150.48
22.1.3.1.1.3	20mm Ø	7.00	lgth	660.83	4,625.79
22.1.3.2	GI Pipes, Schedule 40, 6 mtr. Length				
22.1.3.2.1	Potable Waterline				
22.1.3.2.1.1	50mm Ø	5.00	lgth	5,978.05	29,890.24
22.1.3.3	Pipe Connectors, Fittings and Accessories	1.00	lot	15,930.84	15,930.84
22.1.3.4	Hanger / Brackets / Supports / Concrete Saddle				
22.1.3.4.1	50mm Ø	20.00	pc/s	167.53	3,350.67
22.1.3.4.2	40mm Ø	9.00	pc/s	159.55	1,435.93
22.1.3.4.3	32mm Ø	24.00	pc/s	153.56	3,685.50
22.1.3.4.4	20mm Ø	21.00	pc/s	141.75	2,976.75
22.1.3.5	Miscellaneous / Consumables	1.00	lot	25,200.00	25,200.00
22.1.3.6	Excavation works (Labor only)	1.00	lot	29,136.09	29,136.09
22.1.3.7	Backfilling and Compaction works (Labor only)	1.00	lot	24,949.31	24,949.31
22.1.3.8	Testing Works (Leak and Pressure Test)	1.00	lot	6,804.00	6,804.00
Other work items not mentioned in item 22.1.3 but necessary to complete the Water Supply System (Please identify)					
Sub-total amount, Item 22.1.3					169,042.42
22.1.4	Valves and Water Control				
22.1.4.1	Gate Valves				
22.1.4.1.1	40 mm Ø (Threaded Type)	1.00	pc/s	1,464.75	1,464.75
22.1.4.1.2	32 mm Ø (Threaded Type)	2.00	pc/s	1,110.38	2,220.75
22.1.4.1.3	20 mm Ø (Threaded Type)	5.00	pc/s	573.30	2,866.50
22.1.4.2	Miscellaneous / Consumables	1.00	lot	3,276.00	3,276.00
Other work items not mentioned in item 22.1.4 but necessary to complete the Valves and Water Control (Please identify)					
Sub-total amount, Item 22.1.4					9,828.00
22.2	Plumbing Fixtures & Other Accessories				
22.2.1	Water Closet w/ complete accessories (Dual Flush)	1.00	sets	17,562.54	17,562.54
22.2.2	Lavatory w/ Faucet, P-Trap & complete accessories (Wall	1.00	sets	16,050.54	16,050.54
22.2.3	Kitchen Sink w/ Faucet, P-Trap & complete accessories (Single	1.00	sets	15,168.54	15,168.54
22.2.4	Hose Bibb	3.00	pcs	367.50	1,102.50
22.2.5	Soap Dispenser	1.00	pcs	2,678.29	2,678.29
22.2.5	Miscellaneous / Consumables	1.00	lot	15,120.00	15,120.00
Other work items not mentioned in item 22.2 but necessary to complete the Plumbing Fixtures & Other Accessories (Please identify)					
Sub-total amount, Item 22.2					67,682.40

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
22.3	Pumps, Tanks and Accessories				
22.3.1	Pump Schedule				
22.3.1.1	Booster Pump, BP/1, BP/2 Type: Vertical Inline, Duplex Type Capacity: 50 GPM x 125 ft. TDH Electrical Capacity: 3 Hp (2.2 kW), 230 V, 1 Ph, 60 Hz. Complete with Pump, Controller & standard accessories	2.00	units	120,205.41	240,410.82
22.3.2	Tank Schedule				
22.3.2.1	Cistern Tank, CT/1 Type: Reinforced Concrete Capacity: 5940 Gallons (1-chambered) (22.45 cu. Meter)	1.00	units	On Structural Estimates	
22.3.2.2	Bladder Tank 1, BT/1 Type: Membrane Type, Constant Pressure System for Potable Water Supply Capacity: 50 Gallons (0.19 cu. Meter)	1.00	units	40,077.48	40,077.48
22.3.2.3	Septic Tank, ST/1 Type: Reinforced Concrete Capacity: 1429 Gallons (3-chambered) (5.40 cu. Meter)	1.00	units	On Structural Estimates	
22.3.3	Valves and Water Control				
22.3.3.1	Gate Valves				
22.3.3.1.1	50 mm Ø (Threaded Type)	6.00	pc/s	12,687.70	76,126.18
22.3.3.1.2	40 mm Ø (Threaded Type)	1.00	pc/s	10,293.27	10,293.27
22.3.3.1.3	32 mm Ø (Threaded Type)	4.00	pc/s	8,177.93	32,711.70
22.3.3.2	Float Valves				
22.3.3.2.1	50 mm Ø (Threaded Type)	2.00	pc/s	60,935.70	121,871.41
22.3.3.3	Check Valves				
22.3.3.3.1	50 mm Ø (Threaded Type)	2.00	pc/s	18,401.54	36,803.09
22.3.3.4	Flexible Connection				
22.3.3.4.1	50 mm Ø (Threaded Type)	4.00	pc/s	7,663.02	30,652.07
22.3.5.1	Foot Valves				
22.3.5.1.1	50 mm Ø (Threaded Type)	2.00	pc/s	13,688.04	27,376.07
22.3.4	500 mm x 500 mm Access Manhole	1.00	units	25,085.09	25,085.09
22.3.5	Electrode Type Water Indicator	1.00	Assy.	39,077.74	39,077.74
22.3.6	Miscellaneous / Consumables	1.00	lot	50,400.00	50,400.00
22.3.7	Testing and Commissioning	1.00	lot	8,190.00	8,190.00
Sub-total amount, Item 22.3					739,074.91
23.0	HEATING, VENTILATION & AIR CONDITIONING SYSTEM				2,672,572.84
23.1	AIR CONDITIONING EQUIPMENTS				
23.1.1	Split Type Inverter				
23.1.1.1	ACCU GF-1 / FCU GF-1 Cooling Capacity : 3.5 KW (1 TR) (1.5 Hp) Type of Indoor Units : Wall Mounted Electrical Capacity : 0.96kW, 230V, 1Φ, 60Hz	2.00	Unit/s	49,361.56	98,723.12
23.1.1.2	ACCU GF-3 / FCU GF-3 Cooling Capacity : 7.1 KW (2 TR) (3 Hp) Type of Indoor Units : Wall Mounted Electrical Capacity : 2.37 kW, 230V, 1Φ, 60Hz	1.00	Unit/s	102,313.40	102,313.40
23.1.1.3	FCU B-8, FCU B-9 & FCU B-10 Cooling Capacity : 10 KW (3.0 TR) (4 Hp) Type of Indoor Units : Ceiling Concealed Electrical Capacity : 2.85kW, 230V, 1Φ, 60Hz	3.00	Unit/s	183,419.93	550,259.78
23.1.1.4	ACCU 2F-1 / FCU 2F-1 Cooling Capacity : 3.5 KW (1 TR) (1.5 Hp) Type of Indoor Units : Wall Mounted Electrical Capacity : 0.96kW, 230V, 1Φ, 60Hz	3.00	Unit/s	49,361.56	148,084.68
23.1.1.5	ACCU 2F-2 / FCU 2F-2 Cooling Capacity : 6 KW (2 TR) (2.5 Hp) Type of Indoor Units : Wall Mounted	4.00	Unit/s	73,388.16	293,552.66

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
	Electrical Capacity : 1.74 kW, 230V, 1Φ, 60Hz				
23.1.1.6	ACCU 2F-3 / FCU 2F-3	3.00	Unit/s	102,313.40	306,940.19
	Cooling Capacity : 7.1 KW (2 TR) (3 Hp)				
	Type of Indoor Units : Wall Mounted				
	Electrical Capacity : 2.37 kW, 230V, 1Φ, 60Hz				
	Sub-total amount, Item 23.1				1,499,873.83
23.2	VENTILATION EQUIPMENTS				
23.2.1	EF 1	2.00	Unit/s	7,421.00	14,841.99
	Wall Mounted Ventilating Fan				
	Air Flow Rate : 255 CMH x 0.125 in of H2O TSP				
	Electrical Capacity : 0.07 kw, 230V, 1Φ, 60Hz				
	Area Served: Storage Area & Electrical Rm @ GF				
23.2.1	EF 2	1.00	Unit/s	6,715.40	6,715.40
	Ceiling Mounted Ventilating Fan				
	Air Flow Rate : 170 CMH x 0.125 in of H2O TSP				
	Electrical Capacity : 0.07 kw, 230V, 1Φ, 60Hz				
	Area Served: Staff Area Pantry @ GF				
23.2.2	TEF 1	1.00	Unit/s	7,421.00	7,421.00
	Wall Mounted Ventilating Fan				
	Air Flow Rate : 255 CMH x 0.125 in of H2O TSP				
	Electrical Capacity : 0.07 kw, 230V, 11Φ, 60Hz				
	Area Served: Staff Area Toilet @ GF				
23.2.3	Miscellaneous & Others (Support, Pad, Electrical Connections, Etc.)	1.00	lot	6,863.25	6,863.25
	Sub-total amount, Item 23.2				35,841.64
23.3	AIR CONDITIONING PIPING WORKS				
23.3.1	Split Type Inverter Refrigerant Piping				
23.3.1.1	Refrigerant Piping system				
	Copper Pipes - Hard Drawn Type L				
23.3.1.1.1	15.9 mm (5/8") diameter	33.00	lght	3,678.15	121,379.07
23.3.1.1.2	12.7 mm (1/2") diameter	40.00	lght	2,760.65	110,425.90
23.3.1.1.3	9.5 mm (3/8") diameter	33.00	lght	2,010.01	66,330.20
23.3.1.1.4	6.35 mm (1/4") diameter	40.00	lght	1,603.47	64,138.64
23.3.1.2	Copper pipe fittings	1.00	lot	196,664.50	196,664.50
23.3.1.3	Insulation - Closed Cell Elastomeric (CCE) Rubber Insulation - Class 1 x 20 mm thick				
23.3.1.3.1	15.9 mm (5/8") diameter x 2 m Length	99.00	lght	305.57	30,251.73
23.3.1.3.2	12.7 mm (1/2") diameter x 2 m Length	120.00	lght	279.87	33,584.06
23.3.1.3.3	9.5 mm (3/8") diameter x 2 m Length	99.00	lght	251.76	24,924.53
23.3.1.3.4	6.35 mm (1/4") diameter x 2 m Length	120.00	lght	237.35	28,482.53
23.3.1.4	AC Control Wire (for interfacing of FCU to ACCU)	429.00	lm	27.73	11,898.19
23.3.1.5	Pipe Hangers and Supports (including saddles if any)	1.00	Lot	125,322.66	125,322.66
23.3.1.6	Miscellaneous and Consumables (Equipment Support/Pad, Electrical Connections - MCB, DP & Isolator Switch)	1.00	Lot	27,734.82	27,734.82
	Sub-total amount, Item 23.3				841,136.82
23.4	DUCTING WORKS				
23.4.1	Ventilation System Duct Works				
23.4.2.1	GI Sheet - Aircon Duct				
23.4.2.1.4	Ga. # 24	19.00	sheet/s	1,918.15	36,444.82
23.4.2	Extras for bends, offset and other fittings	1.00	lot	10,674.51	10,674.51
23.4.3	Duct Insulation Materials				
23.4.3.1	Glasswool Insulation	3.00	roll	7,997.03	23,991.09
23.4.3.2	1 Sided Foil (Blanket Type)				
23.4.3.3	1.2m x 15m x 25 mm thick - (24 kg/m³)				

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
23.4.4	Duct Accessories and Miscellaneous				
23.4.4.1	Duct Hangers and Supports	1.00	lot	10,670.22	10,670.22
23.4.4.2	Duct Sealants, Gasket, Tapes, Adhesives and other necessary consumables.	1.00	lot	4,601.73	4,601.73
23.4.5	Other work items not mentioned in item 23.4 but necessary to complete Ventilation Equipment Works (Please identify)				
	Sub-total amount, Item 23.4				86,382.37
23.5	LOUVER, GRILLES & DIFFUSERS				
23.5.1	Return Air Grille				
23.5.1.2	750x450 Return Air Grille	3.00	Unit/s	6,766.90	20,300.69
23.5.2	Supply Air Grille with OBVD (V.H.S) Double Deflection				
23.5.2.1	300x300 Supply Air Grille	10.00	Unit/s	2,947.44	29,474.42
23.5.3	Other work items not mentioned in item 23.5 but necessary to complete Ventilation Equipment Works (Please identify)				
	Sub-total amount, Item 23.5				49,775.11
23.6	Testing, Commissioning, Hand-Over				
23.6.1	Installation Testing and Acceptance				
23.6.1.1	Refrigerant Line - Pressure leak test	1.00	lot	129,248.18	129,248.18
23.6.2	Commissioning and Hand-Over				
23.6.2.1	A/C System - Start-Up & Operation Test	1.00	lot	27,314.90	27,314.90
23.6.2.2	Ventilation System - Operation Test	1.00	lot	3,000.00	3,000.00
23.6.3	Other work items not mentioned in item 23.5 but necessary to complete Ventilation Equipment Works (Please identify)				
	Sub-total amount, Item 23.6				159,563.08
26	ELECTRICAL WORKS				2,470,349.15
26.12	Low Voltage Electrical Distribution				
	Supply, installation, termination and commissioning of low voltage electrical distribution conductors and cables, conduits, connectors, fittings, enclosed circuit breakers including termination accessories and all necessary items to complete the works in accordance with the drawings and specifications				
26.12.12	Wires and Cables				
26.12.12.1	250mm ² THWN-2/THHN	310.00	lm	2,102.96	651,918.87
26.12.12.2	125mm ² THWN-2/THHN	15.00	lm	1,147.77	17,216.56
26.12.12.3	100mm ² THWN-2/THHN	15.00	lm	1,035.72	15,535.80
26.12.12.4	50mm ² THWN-2/THHN	60.00	lm	529.20	31,752.00
26.12.12.5	38mm ² THWN-2/THHN	84.00	lm	469.19	39,412.25
26.12.12.6	30mm ² THWN-2/THHN	148.00	lm	239.94	35,511.84
26.12.12.7	22mm ² THWN-2/THHN	10.00	lm	222.26	2,222.64
26.12.12.8	14mm ² THWN-2/THHN	128.00	lm	142.13	18,192.37
26.12.12.9	8mm ² THWN-2/THHN	26.00	lm	89.21	2,319.39
26.12.12.10	5.5mm ² THWN-2/THHN	50.00	lm	57.46	2,872.80
26.12.12.11	3.5mm ² THWN-2/THHN	3,643.00	lm	31.02	112,993.17
26.12.12.12	38 mm ² THHN Fire Rated Cable	198.00	lm	540.20	106,959.95
26.12.12.13	14 mm ² THHN Fire Rated Cable	60.00	lm	243.07	14,584.19
26.12.12.14	5.5 mm ² THHN Fire Rated Cable	58.00	lm	207.34	12,025.99
26.12.12.15	14 mm ² TW	6.00	lm	40.74	244.41
26.12.12.16	3.5 mm ² TW	6.00	lm	37.28	223.70
26.2.12	Raceways				
26.2.12.1	100 mm Ø RSC Conduit	2.00	lgth	6,549.98	13,099.96
26.2.12.2	90 mm Ø IMC Conduit	70.00	lgth	3,066.53	214,657.41
26.2.12.3	65 mm Ø IMC Conduit	5.00	lgth	3,496.27	17,481.35
26.2.12.4	50 mm Ø IMC Conduit	5.00	lgth	1,865.12	9,325.62
26.2.12.5	40 mm Ø IMC Conduit	4.00	lgth	1,436.83	5,747.34
26.2.12.6	20 mm Ø IMC Conduit	2.00	lgth	660.68	1,321.36
26.2.12.7	100 mm Ø PVC Conduit	28.00	lgth	482.67	13,514.67
26.2.12.8	50 mm Ø PVC Conduit	20.00	lgth	365.28	7,305.55
26.2.12.9	32 mm Ø PVC Conduit	28.00	lgth	279.93	7,838.14
26.2.12.10	25 mm Ø PVC Conduit	26.00	lgth	236.53	6,149.74
26.2.12.11	20 mm Ø PVC Conduit	1,249.00	lgth	166.62	208,106.58
26.2.12.12	Weatherhead - 100 mm Ø	1.00	pc/s	15,146.14	15,146.14
26.2.12.13	Conduit Connectors and Fittings	1.00	lot	12,600.00	12,600.00

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
26.2.2	Facility Electrical Power Generating and Storing Equipment				
26.2.2.3	100 kVA Diesel Generator. 230 V, 3Phase, 4Wire, 60Hz Complete with Genset Panel and Fuel Day Tank	-	Units		-
26.80	Transfer Switches				
26.8.1	ATS - 400A, 230V, 60Hz, 3P , 22 KAIC	-	Assy		
26.30	Switchboards and Panelboard				
26.3.12	Panel: DP - Surface Mounted	1.00	Assy	65,800.48	65,800.48
	Main: 1 - 350AT, 400AF, 3P, 230V, 22KAIC				
	Branches: 1 - 250AT, 400AF, 3P, 230V, 22KAIC				
	1 - 225AT, 225AF, 3P, 230V, 22KAIC				
26.3.2	Panel: PPLC-GF - Surface Mounted	1.00	Assy	67,161.28	67,161.28
	Main: 1 - 225AT, 225AF, 3P, 230V, 22KAIC				
	Branches: 1 - 100AT, 100AF, 3P, 230V, 22KAIC				
	1 - 50AT, 50AF, 2P, 230V, 22KAIC				
	9 - 20AT, 50AF, 2P, 230V, 22KAIC				
	4 - SPARE, 50AF, 2P, 230V, 22KAIC				
	1 - SPACE, 100AF, 3P				
26.3.3	Panel: PPLC-2F - Surface Mounted	1.00	Assy	80,882.68	80,882.68
	Main: 1 - 250AT, 400AF, 3P, 230V, 22KAIC				
	Branches: 1 - 125AT, 225AF, 3P, 230V, 22KAIC				
	13 - 20AT, 50AF, 2P, 230V, 22KAIC				
	3 - SPARE, 50AF, 2P, 230V, 22KAIC				
	1 - SPACE, 225AF, 3P				
26.3.4	Panel: PFP In NEMA 1	1.00	Assy	90,811.48	90,811.48
	Main: 1 - 400AT, 400AF, 3P, 230V, 60 Hz, 22 KAIC				
	Branches: 1 - 400 AT, 400 AF, 3P, 230V, 22 KAIC				
	1 - 60 AT, 100AF, 3P, 230V, 22 KAIC				
26.40	Wiring Devices and Boxes				
26.4.1	Duplex Convenience Outlet, Grounding Type	45.00	Set/s	551.84	24,832.97
26.4.2	Countertop Outlet	1.00	Set/s	551.87	551.87
26.4.3	Floor Mounted Outlet, Grounding Type	37.00	Set/s	521.64	19,300.67
26.4.4	Ceiling Mounted Convenience Outlet	3.00	Sets	538.65	1,615.95
26.4.5	Hand Dryer Outlet	1.00	Set/s	1,049.32	1,049.32
26.4.6	GFCI outlet	1.00	Set/s	1,160.89	1,160.89
26.4.7	One Way Switch-One Gang	20.00	Set/s	195.63	3,912.53
26.4.8	One Way Switch-Two Gang	6.00	Set/s	319.03	1,914.18
26.4.9	One Way Switch-Three Gang	1.00	Set/s	441.49	441.49
26.4.10	Three Way Switch-One Gang	4.00	Set/s	502.93	2,011.71
26.4.11	Three Way Switch-Two Gang	8.00	Set/s	714.07	5,712.56
26.4.12	Utility Box	127.00	Set/s	73.97	9,393.91
26.4.13	Junction Box	116.00	Set/s	79.40	9,210.66
26.50	Low Voltage Circuit Protective Devices				
26.5.12	ECB, 50AT, 2P, NEMA 3	1.00	Assy	17,110.48	17,110.48
26.5.2	ECB, 100AT, 3P, NEMA 3	1.00	Assy	17,390.20	17,390.20
26.5.3	ECB, 125AT, 3P, NEMA 3	1.00	Assy	17,390.20	17,390.20
26.60	Lighting Devices				
26.6.12	600 x 1200 Troffer light	53.00	Set/s	1,704.16	90,320.55
26.6.2	2x20 Watts Cool White or Daylight LED Tube, Suspended mounted installed by a suspension mounting	6.00	Set/s	1,777.22	10,663.34
26.6.3	30W LED Cylinder Downlight, Warm White	7.00	Set/s	2,766.96	19,368.71
26.6.4	9W Recessed LED Pinlight with diffuser & remote gear box; Daylight;	26.00	Set/s	752.10	19,554.48
26.6.4	9W Recessed LED Pinlight with diffuser & remote gear box; Daylight; Weatherproof	5.00	Set/s	756.99	3,784.96
26.6.5	9W LED Emergency lights w/ 2hrs. Battery pack	19.00	Set/s	2,127.08	40,414.50
26.6.6	9W Surface mounted LED pinlight w/ diffuser & remote gear box; daylight; weather proof	38.00	Set/s	1,398.01	53,124.41
26.6.7	9W L6 Recessed LED Pinlight w/ diffuser & remote gear box;; weather proof	13.00	Set/s	1,901.90	24,724.66

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
26.70	Miscellaneous				
26.7.12	Hangers and Supports (Steel Rods, Expansion Bolts, C/Strut-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices)	1.00	lot	37,172.53	37,172.53
26.7.2	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices)	1.00	lot	23,525.52	23,525.52
26.11.3	Concrete Pedestal/ (Inclusive of Cast in Place Concrete, Reinforcement bars, Forms and accessories, Rigid Steel Conduits, Ground Rod and other necessary accessories for complete construction based on design requirements)	1.00	lot	35,998.20	35,998.20
26.11.9	Concrete Encasement	20.00	m	2,589.74	51,794.79
26.11.10	Civil Works (Excavation)	18.00	cu. m.	353.63	6,365.34
26.11.10	Civil Works (Backfilling)	15.00	cu. m.	297.05	4,455.74
26.7.3	Testing and Commissioning	1.00	lot	15,146.14	15,146.14
	Other work items not mentioned in item 26.0 but necessary to complete theElectrical Works (Please identify)				
	Sub-total amount, Item 26.0				2,470,349.15
27	COMMUNICATIONS				465,573.38
27.10	Telephone and Data Structured Cabling				
27.10.1	Equipment				
27.10.1.1	Intermediate Distribution Frame (IDF) inclusive of patch panel, patch cord, modems and other accessories for complete installation based on design specification	1.00	Assy	64,827.26	64,827.26
27.10.1.2	Network Video Recorder (Inclusive of Hard Disk, CCTV Monitors, and other necessary accessories for complete installation)	1.00	Assy	44,821.48	44,821.48
27.10.2	Wires				
27.10.2.1	4PR Cat6 UTP Cable	2,574.00	lm	29.18	75,103.13
27.10.3	Wiring Devices				
27.10.3.1	Data Outlet (Wall Mounted)	23.00	Pc/s	701.31	16,130.07
27.10.3.2	Data Outlet (Floor Mounted)	16.00	Pc/s	1,961.31	31,380.91
27.10.3.3	Tel/Data Outlet (Wall Mounted)	5.00	Pc/s	1,154.97	5,774.83
27.10.3.4	Tel/Data Outlet (Floor Mounted)	6.00	Pc/s	2,414.97	14,489.79
27.10.4	Raceways				
27.10.4.1	20 mm Dia PVC	184.00	Lgth	116.52	21,439.05
27.10.4.2	Conduit Connectors and Fittings	1.00	Lot	5,196.71	5,196.71
27.10.5	Boxes				
27.10.5.1	Utility Box	50.00	Set/s	219.03	10,951.27
27.10.5.2	Pull Box	1.00	Set/s	16,393.07	16,393.07
	Sub-total Amount,Item 27.12				306,507.57
27.51	PUBLIC ADDRESS AND BACKGROUND MUSIC				
27.51.2	Wires				
27.51.2.1	#16 AWG Shielded Circuit Integrity Cable (CIC)	170.00	lm	166.52	28,308.24
27.51.3	Raceways				
27.51.3.2	20 mm Dia PVC Conduit	57.00	lgth	149.39	8,514.98
27.51.3.5	Conduit Connectors and Fittings	1.00	lot	2,554.49	2,554.49
27.51.4	Devices				
27.51.1	Paging Desktop Microphone	1.00	set/s	8,190.00	8,190.00
27.51.2	Ceiling Mounted Speaker (6W)	19.00	set/s	3,603.60	68,468.40
27.51.5	Boxes				
27.51.5.1	Utiliy box	19.00	Set/s	95.99	1,823.75
27.51.5.2	Public Adress Pull Box	1.00	Set/s	2,874.69	2,874.69
27.51.6	Miscellaneous				
27.51.6.1	Connecting Cords, Devices and Adapters	1.00	lot	25,357.07	25,357.07
27.51.6.2	Hangers and Supports	1.00	lot	1,965.00	1,965.00
27.51.6.3	Hardwares and Consumables	1.00	lot	4,734.39	4,734.39
27.51.6.4	Testing and Commissioning	1.00	lot	6,274.80	6,274.80
	Other work items not mentioned in item 27.51 but necessary to complete the Public Address/Back Ground Music (Please identify)				
	Sub-total Amount,Item 27.51				159,065.81

Item No.	Description of Works	Qty	Unit	Unit Price	Total Cost
28	AUXILIARY				396,837.73
28.10	VIDEO SURVEILANCE (CCTV)				
28.1.1	Equipment				
28.1.2	Wires/Cables				
28.1.2.1	4PR Cat6 UTP Cable	355.00	lm	30.52	10,834.24
28.1.3	Raceways				
28.1.3.1	20 mm Dia PVC	119.00	Lgth	116.51	13,865.19
28.1.4	Devices				
28.1.4.1	Dome-Type Camera	6.00	Set/s	8,289.25	49,735.48
28.1.4.2	Bullet-Type Camera	3.00	Set/s	6,734.41	20,203.22
28.1.4.3	Bullet-Type Camera (Weather Proof)	1.00	Set/s	12,195.25	12,195.25
28.1.5	Boxes				
28.1.5.1	Utility Box	10.00	Set/s	219.03	2,190.25
28.1.6	Miscellaneous				
28.1.6.1	Connecting Cords Devices and Adapters	1.00	Lot	12,655.44	12,655.44
28.1.6.2	Hangers and Supports	1.00	Lot	8,436.96	8,436.96
28.1.6.3	Hardwares and Consumables	1.00	Lot	7,310.52	7,310.52
28.1.6.4	Testing and Commissioning (With programming, configuration and/or set-up of CCTV Cameras and Network Video Recorder)	1.00	Lot	6,020.28	6,020.28
	Other work items not mentioned in item 28.20 but necessary to complete the CCTV (Please identify)				
	Sub-total Amount,Item 28.12				143,446.84
28.20	FIRE DETECTION AND ALARM SYSTEM (FDAS)				
28.2.1	Wires				
28.2.1.1	#16 AWG TF CIC	148.00	lm	81.90	12,121.20
28.2.2	Raceways				
28.2.2.1	25mm Dia IMC	42.00	lgth	978.95	41,115.93
28.2.2.2	Conduit Connectors and Fittings	1.00	lot	10,181.09	10,181.09
28.3.3	Wiring Devices				
28.3.3.1	Addressable Smoke Detector	20.00	Set/s	3,587.22	71,744.40
28.3.3.2	Horn Strobe	5.00	Set/s	7,534.80	37,674.00
28.3.3.3	Manual Pull Station (F)	5.00	Set/s	5,580.67	27,903.33
28.3.3.4	Flow Switch	2.00	Set/s	4,258.80	8,517.60
28.3.3.5	Tamper Switch	2.00	Set/s	4,258.80	8,517.60
28.3.4	Boxes				
28.3.4.1	Utility Box	30.00	Set/s	152.33	4,570.02
28.3.4.2	Square box (100mm x 100mm x50mm)	5.00	Set/s	245.70	1,228.50
28.3.4.3	Pullbox (PB)	2.00	Set/s	1,405.40	2,810.81
28.3.5	Miscellaneous				
28.3.5.1	Connecting Cords, Devices and Adapters	1.00	lot	14,267.61	14,267.61
28.3.5.2	Hangers and Supports	1.00	lot	7,831.61	7,831.61
28.3.5.3	Hardwares and consumables	1.00	lot	4,907.21	4,907.21
	Sub-total Amount,Item 28.2				253,390.90
	Grand Total Cost				33,634,879.18
Note:	*This BOQ is for budgetary purposes only. * All furnitures not included.				

BREAKDOWN OF REMOVED ITEMS		
ITEM DESCRIPTION		COST
BRIDGEWAY Concrete, Metals and Earthworks	Php	1,462,714.76
ARCHITECTURAL Landscape	Php	75,600.00
FINISHES Wall finishes , wall cladding	Php	122,461.54
BRIDGEWAY Metals, Thermal and Moisture Protection and Finishes	Php	1,507,907.90
ELECTRICAL WORKS Ceiling Mounted Convenience Outlet	Php	1,615.95
COMMUNICATIONS Telephone and Data Structured Cabling Public Address and Background Music	Php	465,573.38
TOTAL COST REMOVED	Php	3,635,873.53

B.O.Q GRAND TOTAL COST Php 33,634,879.18

LESS REMOVED ITEMS Php 3,635,873.53

PROJECT A.B.C Php 29,999,005.65



07 January 2021

MEMORANDUM NO. LGSB 2021-002-G

For : **Chancellor Liza D. Corro**
U.P. Cebu

Lisa Grace S. Bersales

From: **LISA GRACE S. BERSALES**
Vice-President for Planning & Finance

In connection with the release of FY 2021 General Appropriation Act (GAA), otherwise known as R.A. No. 11518, please be informed of the following projects of UP Cebu classified as "For Later Release" in the FY 2021 Budget of the University:

For Later Release (FLR) – Capital Outlay

Name of Project	Amount (In Thousand Pesos)		
	MOOE	CO	TOTAL
Construction of Learning Commons Annex, Phase I, UP Cebu		30,000	30,000
Total, For Later Release		30,000	30,000

For projects classified as FLR, a Special Allotment Release Order (SARO) shall be issued by DBM upon evaluation of required supporting documents.

In compliance with the required documents by DBM for the evaluation of FLR projects and to give us time to consolidate, please submit to my office both hard and soft copies (please email signed copies in pdf files to ovppf@up.edu.ph, drois_2001@yahoo.com and sbo@up.edu.ph), **on or before 22 January 2021 (Friday)**, the following:

For Capital Outlay:

- a) Project Profile (should include no. of square meters, floor area, no. of rooms, compliance with international standards, etc.)
- b) Work and Financial Plan
- c) Project Design
- d) Monthly Disbursement Program
- e) Justification(s) and
- f) Other relevant documents which you consider necessary in the evaluation of your request for the release of SARO by DBM.

Please refer to DBM and DPWH **Joint Circular No. 1 dated October 2016**, specifically item nos. 4.0 to 4.4 which provides guidelines and specific procedures in undertaking the construction taking into consideration the documentary requirements such as endorsement and recommendation of DPWH that the project design are consistent with the pertinent standards and the **geo-hazard** certification issued by DENR. Item no. 4.4 of JC No. 1 states that the parametric construction cost of an office or building should also be considered which is about P30,000-35,000 per square meter except for reclaimed areas and

those near fault lines wherein the parametric construction cost is pegged higher at around P40,000–50,000 per square meter.

The above requirements shall be referred to the Office of the Vice-President for Development for further review and evaluation.

While waiting for the release of the SARO for the Capital Outlay projects classified as FLR, units are advised to start their procurement process, short of issuing the Notice of Award (NOA). NOA shall be issued only when the related SARO has been issued by DBM.

The validity of appropriation for FY 2021 is as follows:

1. PS - until December 31, 2021
2. MOOE and CO - until December 31, 2021

Please ensure that allotment for programs, activities and projects funded under the FY 2021 GAA are obligated not later than December 31, 2021. Failure to do so will adversely affect future budget levels of the respective agency/department. This promotes not only good fiscal policy but more importantly; guarantees that public services are given to the people the soonest possible time.

For your guidance and compliance, please.

Thank you.

cc.: OP
OVPD
UP System Budget Office