

**BILL OF QUANTITIES**  
(Building Construction/Rehabilitation Project)

**PROJECT TITLE :** PROPOSED CONSTRUCTION OF FOUR (4) STOREY WITH LOWER GROUND  
GENERAL LICERIO GERONIMO INTEGRATED HIGH SCHOOL INCLUDING  
LAND DEVELOPMENT

**LOCATION :** BARANGAY BAGONG SILANGAN, DISTRICT 2, QUEZON CITY

**PROJECT NO. :** 20 - 00149

**DURATION :** Three Hundred Ninety (390) Calendar Days

**SCOPE OF WORKS:**

**GENERAL REQUIREMENTS**

- 1 Provision of Temporary Facilities and Utilities, Billboard, Construction Safety and Health Equipment and Scaffolding
- 2 Hauling and Disposal of Construction Materials and Debris

**CONSTRUCTION OF GENERAL LICERIO GERONIMO INTEGRATED HIGH SCHOOL BUILDING**

- 1 Site Works include Site Clearing, Layout and Staking and Preparation of Earthworks
- 2 Construction of School Building
- 3 Construction/Installation of Utilities and Ancillaries including Cistern Tank, Septic Tank and Rainwater Tank
- 4 Construction of Machine Foundation
- 5 Installation of Stair railing and ramp railing
- 6 Installation of Roofing including Accessories and Heat Insulation
- 7 Installation of Tiles, Brick Stones and Aluminum Composite Panel Cladding
- 8 Installation of Toilet Partitions and Urinal Partitions
- 9 Installation of Ceiling including Metal Framings and Accessories
- 10 Installation of Blackboard and Undercounter Cabinets
- 11 Installation of Doors, Door Jambs and Windows
- 12 Painting of Whole Structure
- 13 Installation of Stainless Logo and Lettering with Neon Backlights
- 14 Installation of Sanitary/Plumbing Roughing-ins, Pipelines, Fixtures and Accessories
- 15 Installation of Electrical Roughing-ins, Wirings, Devices, Fixtures and Accessories
- 16 Installation of Panel Board and Accessories
- 17 Installation of Auxiliary Roughing-ins, Wirings/Cables, Devices, Fixtures and Accessories
- 18 Installation of Mechanical Roughing-ins, Pipelines, Fixtures, Equipment and Accessories
- 19 Installation of Fire Protection Roughing-ins, Pipelines, Fixtures, Equipment and Accessories
- 20 All necessary testing of materials and commissioning works must be performed as per standard procedures.

**LAND DEVELOPMENT WORKS**

- 1 Construction of Guard House, Bin Center, Entrance Gate and Perimeter Fence
- 2 Fabrication and Installation of Gates and Green Wall
- 3 Construction of Pedestal and Installation of Flagpole
- 4 Construction of Sidewalk near Guard House and Bin Center
- 5 Installation of Electrical Roughing-ins, Wirings, Devices, Fixtures and Accessories
- 6 Construction/Installation of Utilities and Ancillaries including Manholes, Catch Basins and Reinforced Concrete Pipes
- 7 All necessary testing of materials and commissioning works must be performed as per standard procedures.

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
<b>I</b>	<b>GENERAL REQUIREMENTS</b>				
A	Billboard	1	unit	P	P
B	Clearing, Hauling and Disposal of Construction Materials and Debris	68	t.l.		
C	Construction Safety and Health Equipment	1	unit		
D	Scaffolding (Rental)	4,117	sq.m.		
E	Temporary Electrical and Water Facilities	390	day		
F	Temporary Enclosure around the Construction Area (H=2.4m)	217	lm		
				<b>Direct Cost I</b>	<b>P</b>

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
II	CONSTRUCTION OF GENERAL LICERIO GERONIMO INTEGRATED HIGH SCHOOL BUILDING				
A	SITE WORKS				
1	Site Clearing and Preparation	1,055	sq.m.	P	P
2	Layout and Staking	1,055	sq.m.		
3	Excavation for Structures				
	Footing	3,373	sq.m.		
	Wall Footing	14	sq.m.		
	Slab on Grade	94	sq.m.		
	Drainage Pipes & Manholes	338	cu.m.		
	Generator Set Machine Foundation	8	cu.m.		
				Subtotal	P
4	Soil Treatment				
	Slab on Grade	920	sq.m.	P	P
	Generator Set Machine Foundation	8	sq.m.		
5	Gravel Bedding				
	Slab on Grade	48	cu.m.		
	Generator Set Machine Foundation	1	cu.m.		
6	Imported Earthfill	1,287	cu.m.		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
6	Backfill and Compaction	3,593	cu.m.	P	P
				Subtotal	P
				Materials Cost II A	P
				Labor Cost II A	
				Direct Cost II A	P
B	CIVIL WORKS / STRUCTURAL WORKS				
1	Concrete Works				
	On Site Mix Concrete, 28 Mpa, 3/4" Gravel @ 28 Days				
	Lean Concrete	23	cu.m.	P	P
	Counter Top	1	cu.m.		
	Generator Set Machine Foundation	8	cu.m.		
	Ready Mix Concrete, 28 Mpa, 3/4" Gravel @ 28 Days				
	Isolated Footing	164	cu.m.		
	Wall Footing	6	cu.m.		
	Footing Tie Beam	77	cu.m.		
	Grade Beam	54	cu.m.		
	Column	269	cu.m.		
	Slab on Grade	94	cu.m.		
	Suspended Beam	460	cu.m.		
	Suspended Slab	334	cu.m.		
	Stairs	31	cu.m.		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
2	Reinforcing Steel Bar				
	Grade 40 Reinforcing Steel Bar including G.I. Tie Wire Ga. 16				
	10mm Ø Reinforcing Steel Bar				
	Wall Footing	172	kgs		
	Footing Tie Beam	109	kgs		
	Counter Top	40	kgs		
	Column	17,098	kgs		
	Slab on Grade	2,260	kgs		
	Beam (Web Bars & Stirrups)	4,373	kgs		
	Suspended Slab	52,640	kgs		
	12mm Ø Reinforcing Steel Bar				
	Wall Footing	96	kgs		
	Footing Tie Beam	799	kgs		
	Grade Beam	1,412	kgs		
	Beam (Web Bars)	1,097	kgs		
	Generator Set Machine Foundation	135	kgs		
	Grade 60 Reinforcing Steel Bar including G.I. Tie Wire Ga. 16				
	16mm Ø Reinforcing Steel Bar				
	Footing Tie Beam	1,831	kgs		
	Column	410	kgs		
	Grade Beam	4,317	kgs		
	Beam (Main Bars & Web Bars)	26,994	kgs		
	20mm Ø Reinforcing Steel Bar				
	Footing	78	kgs		
	Footing Tie Beam	9,663	kgs		
	Column	2,364	kgs		
	Beam (Main Bars)	16,850	kgs		
	25mm Ø Reinforcing Steel Bar				
	Footing	15,638	kgs		
	Column	46,583	kgs		
	Beam (Main Bars)	22,906	kgs		
3	Formworks				
	Footing	27	sq.m.		
	Column	1,199	sq.m.		
	Beam	1,959	sq.m.		
	Suspended Slab	2,108	sq.m.		
	Stairs	230	sq.m.		
	Counter Top	2	sq.m.		
	Generator Set Machine Foundation	9	sq.m.		
4	Scaffolding and Shoring				
	Column	1,309	l.m.		
	Beam	658	l.m.		
	Suspended Slab	2,028	sq.m.		
	Stairs	230	sq.m.		
	Counter Top	8	sq.m.		
5	Masonry Works				
	100mm CHB Laying including Mortar, Reinforcement and Two-Face Plastering	2,671	sq.m.		
	150mm CHB Laying including Mortar, Reinforcement and Two-Face Plastering	2,421	sq.m.		
	Plastering of Door and Window Openings	1,940	lm		
	Floor Topping and Finishing Preparation	3,031	sq.m.		
	Floor Topping Preparation for Tiles	1,725	sq.m.		
	Rubbed Finishing Preparation for Slab Soffit	2,539	sq.m.		
6	Thermal and Moisture Protection				
	Vapor Barrier	920	sq.m.		
	Cementitious Capillary Type Waterproofing	1,426	sq.m.		

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7	Metal Works				
	Roof Truss				
	63mm x 63mm x 8mm Angle Bar	4,092	kgs		
	50mm x 50mm x 6mm Angle Bar	2,444	kgs		
	50mm x 100mm x 1.5mm C-Purlins	2,124	kgs		
	16mm Ø Sagrod	336	kgs		
	250mm x 250mm x 20mm thk Base Plate	505	kgs		
	Fascia Frame				
	50mm x 50mm x 6mm Angle Bar	1,192	kgs		
	Gutter Support				
	50mm x 50mm x 6mm Angle Bar	1,159	kgs		
	Canopy				
	Built-up Section	1,402	kgs		
	50mm x 150mm x 6mm Metal Chanel	114	kgs		
	50mm x 50mm x 6mm Angle Bar	1,498	kgs		
	50mm x 150mm x 1.4mm C-Purlins	1,018	kgs		
	25mm thk Anchor Plate	199	kgs		
	25mm Ø Tension Rod	19	kgs		
	16mm Ø Sagrod	107	kgs		
	25mm Ø x 300mm Anchor Bolt	30	pcs		
	25mm Ø Turnbuckle	5	pcs		
	Railings				
	25mm Square Bar	5,102	kg		
	50mm Ø Stainless Steel Handrail with Complete Accessories	45	lm		
	50mm Ø Schedule 20 B.I. Pipe	1,330	kg		
	Miscellaneous and Consumables				
	Acetylene Tank Refill	15	tank		
	Assorted Metal Drill Bit	13	pc		
	Cut Off Blade	13	pc		
	Grinding Disc Metal	13	pc		
	Oxygen Tank Refill	25	tank		
	Welding Rod	23	box		
8	Roofing Works				
	Pre-painted Rib Type G.I. Roofing	555	sq.m.		
	Pre-painted G.I. Gutter	111	lm		
	Pre-painted G.I. Flashing	45	lm		
	Stainless Wire Mesh	34	sq.m.		
	300mm x 12mm thick Fascia Board	71	lm		
	6mm Thick Thermal Insulation (Single Sided Aluminum Foil)	480	sq.m.		
	Tekscrew	1,434	pc		
	Rivets	555	pc		
	Silicon Sealant	3	tube		
				Materials Cost II B	P
				Labor Cost II B	
				Direct Cost II B	P

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
C	ARCHITECTURAL WORKS				
1	Floor Finishes				
	300mm x 300mm Non-Skid Ceramic Floor Tiles	284	sq.m.	P	P
	600mm x 600mm Non-skid Floor Tiles	1,428	sq.m.		
	600mm x 600mm Homogeneous Counter Top Tiles	13	sq.m.		
	Wash Out Pebble Finish	36	sq.m.		
2	Wall Finishes and Partitions				
	12mm Groove Line	744	lm		
	300mm x 600mm Brick Stone	71	sq.m.		
	300mm x 600mm Non-Skid Ceramic Wall Tile	677	sq.m.		
	4mm thick Aluminum Composite Panel Cladding with Complete Framing and Accessories	170	sq.m.		
	2m x 10mm thick Laminated Plyboard Toilet Partition with Complete Stainless Steel Accessories	310	sq.m.		
	Urinal Partitions	21	set		
3	Ceiling Finishes				
	6mm thick Moisture Resistant Gypsum Board with Complete Framings and Accessories	1,973	sq.m.		
4	Fabricated Fixtures				
	Blackboard and Whiteboard with Complete Accessories	21	set		
	Undercounter Cabinet with Complete Accessories	17	lm		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
5	Installation of Doors				
	Doors				
	D1 - 0.9m x 2.1m 180° Swing Type Metal Door with 6mm thick Glass View Panel	51	set	P	P
	D2 - 0.9m x 2.1m Swing Type Metal Door with 6mm thick Glass View Panel	10	set		
	D3 - 0.8m x 2.1m Swing Type Flush Door with Louver Vent	18	set		
	D4 - 1.0m x 2.1m Swing Type Metal Door	1	set		
	D5 - 0.9m x 2.1m Swing Type Flush Door Lever Type Lockset with Louver Vent	8	set		
	D6 - 0.6m x 2.1m Swing Type Flush Door with Louver Vent	3	set		
	D7 - 0.8m x 2.1m Swing Type Metal Door with Louvers	5	set		
	D8 - 1.0m x 2.1m Swing Type Metal Door with Louvers	2	set		
	D9 - 0.9m x 2.1m Swing Type Metal Door with 6mm thick Glass View Panel and Push Plate	1	set		
	D10 - 1.6m x 2.1m Double Leaf Metal Door with 6mm thick Glass View Panel	1	set		
	D11 - 6.4m x 2.1m Metal Door with Louvers	1	set		
	D12 - 1.6m x 2.1m Double Leaf Metal Door with Louvers	1	set		
	CD - 0.6m x 2.1m Swing Type Metal Frame Cubicle Door with Light Gauge Metal Louver Panels	48	set		
	Door Jambs				
	D1 - 0.9m x 2.1m Metal Door Jamb	51	set		
	D2 - 0.9m x 2.1m Metal Door Jamb	10	set		
	D3 - 0.8m x 2.1m Wooden Door Jamb	18	set		
	D4 - 1.0m x 2.1m Metal Door Jamb	1	set		
	D5 - 0.9m x 2.1m Wooden Door Jamb	8	set		
	D6 - 0.6m x 2.1m Wooden Door Jamb	3	set		
	D7 - 1.6m x 2.1m Metal Door Jamb	5	set		
	D8 - 1.0m x 2.1m Metal Door Jamb	2	set		
	D9 - 0.9m x 2.1m Metal Door Jamb	1	set		
	D10 - 1.6m x 2.1m Metal Door Jamb	1	set		
	D11 - 6.4m x 2.1m Metal Door Jamb	1	set		
	D12 - 1.6m x 2.1m Metal Door Jamb	1	set		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	Hardwares and Accesoories				
	Door Knob	29	set		
	Door Hinge	417	pc		
	Door Barrel Bolt	67	set		
	Door Hook / Coat Hook	61	pc		
	Floor Mounted Magnetic Door Stopper	91	set		
	Foot Bolt	1	set		
	750mm x 150mm Aluminum Push Plate	1	pc		
6	Installation of Windows				
	W1 - 3.2m x 1.5m Powder Coated Aluminum Frame Glass Window with Transom and Complete Accessories	77	set		
	W2 - 2.4m x 1.5m Powder Coated Aluminum Frame Glass Window with Transom and Complete Accessories	6	set		
	W3 - 3.2m x 0.6m Aluminum Frame Jalousie Window with Complete Accessories	10	set		
	W4 - 2.4m x 0.6m Aluminum Frame Jalousie Window with Complete Accessories	52	set		
	W5 - 1.6m x 0.6m Aluminum Frame Jalousie Window with Complete Accessories	1	set		
	W6 - 3.2m x 1.6m Powder Coated Aluminum Frame Awning Glass Window with Complete Accessories	17	set		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
7	Painting Works				
	Water Based low voc Anti-insect Paint Finish	202	sq.m.		
	Elastomeric Paint Finish				
	Exterior Wall	1,725	sq.m.		
	Concrete Ledge	386	sq.m.		
	Flat Latex Paint Finish				
	Interior Wall	6,397	sq.m.		
	Ceiling	1,973	sq.m.		
	Slab Soffit	2,539	sq.m.		
	Epoxy Enamel Paint Finish				
	Under Counter Cabinet	13	sq.m.		
	Steel Members and Materials	181	sq.m.		
	Red Oxide Metal Primer (Electrical Works)	260	sq.m.		
	Fire Red Paint Finish (Fire Protection Works)	500	sq.m.		
8	Logos and Letterings				
	Quezon City Logo	2	set		
	Stainless Steel Lettering with Neon Backlights (Front) "GEN. LICERIO GERONIMO INTEGRATED HIGH SCHOOL"	38	set		
	Stainless Steel Lettering with Neon Backlights (Side) "GEN. LICERIO GERONIMO INTEGRATED HIGH SCHOOL"	38	set		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
				Materials Cost II C	P
				Labor Cost II C	
				Direct Cost II C	P

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
D	SANITARY AND PLUMBING WORKS				
1	Sewer Line System				
	50mm Ø PVC Standard Hub Pipe	287	pc	P	P
	75mm Ø PVC Standard Hub Pipe	89	pc		
	100mm Ø PVC Standard Hub Pipe	225	pc		
	150mm Ø PVC Standard Hub Pipe	40	pc		
	200mm Ø PVC Standard Hub Pipe	27	pc		
	250mm Ø PVC Standard Hub Pipe	27	pc		
	315mm Ø PVC Standard Hub Pipe	15	pc		
	50mm Ø x 50mm Ø PVC Wye	249	pc		
	75mm Ø x 50mm Ø PVC Wye	90	pc		
	75mm Ø x 75mm Ø PVC Wye	5	pc		
	100mm Ø x 50mm Ø PVC Wye	292	pc		
	100mm Ø x 75mm Ø PVC Wye	20	pc		
	100mm Ø x 100mm Ø PVC Wye	98	pc		
	150mm Ø x 100mm Ø PVC Wye	9	pc		
	150mm Ø x 150mm Ø PVC Wye	6	pc		
	200mm Ø x 100mm Ø PVC Wye	2	pc		
	200mm Ø x 150mm Ø PVC Wye	5	pc		
	250mm Ø x 100mm Ø PVC Wye	7	pc		
	315mm Ø x 150mm Ø PVC Wye	12	pc		
	50mm Ø x 50mm Ø PVC Tee	488	pc		
	75mm Ø x 50mm Ø PVC Tee	8	pc		
	100mm Ø x 50mm Ø PVC Tee	57	pc		
	200mm Ø x 200mm Ø PVC Tee	4	pc		
	50mm Ø x 50mm Ø PVC 1/4 Bend	337	pc		
	100mm Ø x 100mm Ø PVC 1/4 Bend	115	pc		
	150mm Ø x 150mm Ø PVC 1/4 Bend	18	pc		
	50mm Ø x 50mm Ø PVC 1/8 Bend	602	pc		
	75mm Ø x 75mm Ø PVC 1/8 Bend	127	pc		
	100mm Ø x 100mm Ø PVC 1/8 Bend	352	pc		
	150mm Ø x 150mm Ø PVC 1/8 Bend	26	pc		
	200mm Ø x 200mm Ø PVC 1/8 Bend	4	pc		
	250mm Ø x 250mm Ø PVC 1/8 Bend	1	pc		
	200mm Ø x 100mm Ø PVC Reducer	2	pc		
	200mm Ø x 150mm Ø PVC Reducer	2	pc		
	250mm Ø x 200mm Ø PVC Reducer	2	pc		
	315mm Ø x 250mm Ø PVC Reducer	2	pc		
	50mm Ø x 32mm Ø PVC Tap Tee	58	pc		
	50mm Ø x 40mm Ø PVC Tap Tee	10	pc		
	50mm Ø PVC Cleanout	16	pc		
	75mm Ø PVC Cleanout	32	pc		
	100mm Ø PVC Cleanout	31	pc		
	150mm Ø PVC Cleanout	2	pc		
	200mm Ø PVC Cleanout	1	pc		
	315mm Ø PVC Cleanout	2	pc		
	50mm Ø PVC P-Trap	231	pc		
	50mm Ø No-hub PVC Coupling	14	pc		
	50mm Ø PVC Coupling	230	pc		
	75mm Ø PVC Coupling	72	pc		
	100mm Ø PVC Coupling	180	pc		
	150mm Ø PVC Coupling	34	pc		
	200mm Ø PVC Coupling	23	pc		
	250mm Ø PVC Coupling	22	pc		
	315mm Ø PVC Coupling	12	pc		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
2	Storm Drainage System				
	250mm Ø PVC Pipe	24	pc		
3	Water Line System				
	20mm Ø PPR Pipe, PN 16	128	pc		
	25mm Ø PPR Pipe, PN 16	62	pc		
	32mm Ø PPR Pipe, PN 16	20	pc		
	40mm Ø PPR Pipe, PN 16	25	pc		
	50mm Ø PPR Pipe, PN 16	52	pc		
	65mm Ø PPR Pipe, PN 16	43	pc		
	75mm Ø PPR Pipe, PN 16	34	pc		
	90mm Ø PPR Pipe, PN 16	17	pc		
	20mm Ø x 20mm Ø PPR Tee Equal	92	pc		
	25mm Ø x 25mm Ø PPR Tee Equal	23	pc		
	32mm Ø x 32mm Ø PPR Tee Equal	5	pc		
	65mm Ø x 65mm Ø PPR Tee Equal	12	pc		
	75mm Ø x 75mm Ø PPR Tee Equal	8	pc		
	90mm Ø x 90mm Ø PPR Tee Equal	4	pc		
	25mm Ø x 20mm Ø PPR Tee Unequal	24	pc		
	32mm Ø x 20mm Ø PPR Tee Unequal	26	pc		
	32mm Ø x 25mm Ø PPR Tee Unequal	5	pc		
	40mm Ø x 20mm Ø PPR Tee Unequal	48	pc		
	40mm Ø x 25mm Ø PPR Tee Unequal	35	pc		
	50mm Ø x 32mm Ø PPR Tee Unequal	4	pc		
	65mm Ø x 20mm Ø PPR Tee Unequal	4	pc		
	65mm Ø x 32mm Ø PPR Tee Unequal	5	pc		
	65mm Ø x 40mm Ø PPR Tee Unequal	8	pc		
	75mm Ø x 40mm Ø PPR Tee Unequal	5	pc		
	90mm Ø x 75mm Ø PPR Tee Unequal	6	pc		
	25mm Ø x 20mm Ø PPR Reducer	28	pc		
	32mm Ø x 20mm Ø PPR Reducer	4	pc		
	32mm Ø x 25mm Ø PPR Reducer	15	pc		
	40mm Ø x 25mm Ø PPR Reducer	2	pc		
	40mm Ø x 32mm Ø PPR Reducer	9	pc		
	50mm Ø x 40mm Ø PPR Reducer	8	pc		
	65mm Ø x 20mm Ø PPR Reducer	5	pc		
	65mm Ø x 40mm Ø PPR Reducer	5	pc		
	65mm Ø x 50mm Ø PPR Reducer	9	pc		
	75mm Ø x 65mm Ø PPR Reducer	13	pc		
	90mm Ø x 75mm Ø PPR Reducer	4	pc		
	20mm Ø PPR 90° Elbow	284	pc		
	25mm Ø PPR 90° Elbow	48	pc		
	32mm Ø PPR 90° Elbow	55	pc		
	40mm Ø PPR 90° Elbow	6	pc		
	50mm Ø PPR 90° Elbow	52	pc		
	65mm Ø PPR 90° Elbow	60	pc		
	75mm Ø PPR 90° Elbow	82	pc		
	90mm Ø PPR 90° Elbow	47	pc		



ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	20mm Ø x 15mm Ø PPR Female Threaded Tee	119	pc		
	25mm Ø x 20mm Ø PPR Female Threaded Tee	38	pc		
	20mm Ø PPR End Cap	119	pc		
	25mm Ø PPR End Cap	38	pc		
	20mm Ø PPR Union Patent	18	pc		
	32mm Ø PPR Union Patent	4	pc		
	65mm Ø PPR Union Patent	12	pc		
	75mm Ø PPR Union Patent	11	pc		
	90mm Ø PPR Union Patent	1	pc		
	20mm Ø PPR Coupling	131	pc		
	25mm Ø PPR Coupling	57	pc		
	32mm Ø PPR Coupling	22	pc		
	40mm Ø PPR Coupling	24	pc		
	50mm Ø PPR Coupling	48	pc		
	65mm Ø PPR Coupling	37	pc		
	75mm Ø PPR Coupling	33	pc		
	90mm Ø PPR Coupling	16	pc		
	20mm Ø PPR Male Adaptor	36	pc		
	32mm Ø PPR Male Adaptor	8	pc		
	65mm Ø PPR Male Adaptor	24	pc		
	75mm Ø PPR Male Adaptor	14	pc		
	90mm Ø PPR Male Adaptor	20	pc		
4	Valves and Appurtenances				
	20mm Ø PPR Gate Valve	18	pc		
	32mm Ø PPR Gate Valve	4	pc		
	65mm Ø PPR Gate Valve	12	pc		
	75mm Ø PPR Gate Valve	7	pc		
	90mm Ø PPR Gate Valve	10	pc		
	65mm Ø Check Valve	5	pc		
	75mm Ø Check Valve	1	pc		
	90mm Ø Check Valve	1	pc		
	50mm Ø Float Valve	6	pc		
	65mm Ø Float Valve	4	pc		
	65mm Ø Water Meter	1	pc		
5	Fixtures (Water Efficient)				
	Water Closet, Tank Type	51	set		
	Double Tub Kitchen Sink	1	set		
	Single Tub Kitchen Sink	6	set		
	Lavatory Wall Hung	55	set		
	Urinal, Flush Valve	28	set		
	Slop Sink	8	set		
	5gpm Grease Trap	7	set		
	Lavatory Faucet	55	pc		
	Slop Sink Faucet	8	pc		
	Kitchen Sink Faucet	7	pc		
	Flexible Hose	141	pc		
	Single-Way Angle Valve	90	pc		
	Two-Way Angle Valve	52	pc		
	Stainless Steel Bidet with Accessories	51	pc		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	Accessories				
	50mm x 50mm Floor Drain	141	pc		
	75mm x 75mm Floor Drain	4	pc		
	100mm x 100mm Floor Drain	6	pc		
	150mm Ø Trench Drain	1	pc		
	100mm Ø Deck Drain	26	pc		
	75mm Ø Flat-type Roof Drain	4	pc		
	100mm Ø Flat-type Roof Drain	4	pc		
	150mm Ø Flat-type Roof Drain	10	pc		
	Facial Mirror	9	sq.m.		
6	Pipe Hangers and Supports				
	For horizontal pipes less than 50mm Ø, 2m interval	200	lm		
	For horizontal pipes greater than 50mm Ø, 1m interval	454	lm		
	Downspout Brackets	306	lm		
7	Miscellaneous and Consumables				
	1L Epoxy A & B	6	can		
	400cc PVC Solvent Cement	15	can		
	Hacksaw Blade	5	pc		
	Teflon Tape	748	roll		
	Waste Cloth	6	kg		
	Welding Rod	2	box		
				Materials Cost II D	P
				Labor Cost II D	
				Direct Cost II D	P
E	ELECTRICAL WORKS				
1	Roughing-ins				
	12mmØ PVC Pipe	3,102	pc	P	P
	19mm Ø PVC Pipe	233	pc		
	19mm Ø IMC Pipe	32	pc		
	25mm Ø IMC Pipe	65	pc		
	32mm Ø IMC Pipe	32	pc		
	40mm Ø IMC Pipe	7	pc		
	50mm Ø IMC Pipe	24	pc		
	75mm Ø IMC Pipe	22	pc		
	100mm Ø IMC Pipe	65	pc		
	100mm Ø PVC Pipe	36	pc		
	12mm Ø Flexible Metallic Conduit	950	lm		
	19mm Ø IMC Elbow	22	pc		
	25mm Ø IMC Elbow	24	pc		
	32mm Ø IMC Elbow	10	pc		
	40mm Ø IMC Elbow	7	pc		
	50mm Ø IMC Elbow	10	pc		
	75mm Ø IMC Elbow	10	pc		
	100mm Ø IMC Elbow	28	pc		
	100mm Ø PVC Elbow	12	pc		
	12mm Ø PVC Adaptor	2,964	pc		
	19mm Ø PVC Adaptor	204	pc		
	19mm Ø IMC Coupling	18	pc		
	25mm Ø IMC Coupling	24	pc		
	32mm Ø IMC Coupling	12	pc		
	40mm Ø IMC Coupling	7	pc		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	50mm Ø IMC Coupling	10	pc		
	75mm Ø IMC Coupling	10	pc		
	100mm Ø IMC Coupling	28	pc		
	100mm Ø PVC Coupling	20	pc		
	12mm Ø PVC Locknut & Bushing	2,964	pair		
	19mm Ø PVC Locknut & Bushing	204	pair		
	19mm Ø IMC Locknut & Bushing	38	pair		
	25mm Ø IMC Locknut & Bushing	48	pair		
	32mm Ø IMC Locknut & Bushing	6	pair		
	40mm Ø IMC Locknut & Bushing	4	pair		
	50mm Ø IMC Locknut & Bushing	20	pair		
	75mm Ø IMC Locknut & Bushing	18	pair		
	100mm Ø IMC Locknut & Bushing	56	pair		
	100mm Ø PVC Locknut & Bushing	42	pair		
	12mm Ø Straight Connector with Locknut	1,200	pc		
	100mm Ø IMC Weatherproof Entrance Cap	1	pc		
	50mm x 100mm PVC Utility Box	690	pc		
	100mm x 100mm PVC Junction Box with Cover	845	pc		
	118mm PVC Square Box with Cover	51	pc		
	200mm x 300mm x 600mm Pullbox	4	pc		
B	Wires and Cables				
	3.5mm <sup>2</sup> THHN Wire	165	roll		
	5.5mm <sup>2</sup> THHN Wire	8	roll		
	8.0mm <sup>2</sup> THHN Wire	12	roll		
	14.0mm <sup>2</sup> THHN Wire	275	lm		
	30.0mm <sup>2</sup> THHN Wire	158	lm		
	38.0mm <sup>2</sup> THHN Wire	404	lm		
	50.0mm <sup>2</sup> THHN Wire	61	lm		
	80.0mm <sup>2</sup> THHN Wire	96	lm		
	150.0mm <sup>2</sup> THHN Wire	208	lm		
	250.0mm <sup>2</sup> THHN Wire	246	lm		
	2.0mm <sup>2</sup> TW Wire	59	roll		
	3.5mm <sup>2</sup> TW Wire	4	roll		
	5.5mm <sup>2</sup> TW Wire	7	roll		
	8.0mm <sup>2</sup> TW Wire	2	roll		
	14.0mm <sup>2</sup> TW Wire	8	lm		
	22.0mm <sup>2</sup> TW Wire	32	lm		
	38.0mm <sup>2</sup> TW Wire	70	lm		
	60.0mm <sup>2</sup> TW Wire	82	lm		
C	Wiring Devices				
	Switch with Plate & Cover, Single Pole	78	pc		
	Switch with Plate & Cover , Two Pole	60	pc		
	Switch with Plate & Cover, Three Pole	31	pc		
	Switch with Plate & Cover, Three Way, Single Pole	25	pc		
	Outlet with Ground, Duplex	398	pc		
	Outlet with Ground, Single	35	pc		
	Special Purpose Outlet	5	pc		
	Outlet, Air Conditioning	40	pc		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
D	Lighting Fixtures (Energy Efficient)				
	Fire Exit Light	6	pc		
	Emergency Light	35	pc		
	1 x 18W Tube Light, Dust Proof	16	pc		
	1 x 18W Tube Light, Box Type	90	pc		
	1 x 18W Tube Light, Troffer Type	344	pc		
	100mm Ø Keyless with 18W Bulb	3	pc		
	150mm Ø Recessed Round Pinlight with 14W Bulb	12	pc		
	Triangular Façade Lighting	2	pc		
E	Panel Boards				
	MCB Main: 1200AT 3P 100KAIC @600V Enclosure: NEMA 3R	1	assy		
	LVSG (UNITIZED PANEL) Main: 1200AT 3P 100KAIC @ 600V Branches: 3 - 300AT 3P MCCB 2 - 200AT 3P MCCB 1 - 125AT 3P MCCB 2 - Space Enclosure: NEMA 1	1	assy		
	DPA Main: 200AT 3P 45KAIC @ 240V Branches: 1 - 125AT 3P MCCB 1 - 70AT 3P Bolt-on 2 - 50AT 3P Bolt-on 2 - Space Enclosure: NEMA 1	1	assy		
	DPB Main: 300AT 3P 65KAIC @ 240V Branches: 1 - 150AT 3P MCCB 3 - 70AT 3P Bolt-on 2 - Space Enclosure: NEMA 1	1	assy		
	DPC Main: 300AT 3P 65 KAIC @ 240V Branches: 1 - 125AT 3P MCCB 1 - 100AT 3P MCCB 2 - 70AT 3P Bolt-on 1 - Space Enclosure: NEMA 1	1	assy		
	DPD Main: 400AT 3P 65KAIC @ 240V Branches: 1 - 125AT 3P MCCB 3 - 100AT 3P MCCB 1 - 50AT 3P Bolt-on 1 - Space Enclosure: NEMA 1	1	assy		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	MPP Main: 200AT 3P 45KAIC @ 240V Branches: 1 - 150AT 3P MCCB 1 - 50AT 3P Bolt-on 2 - Space Enclosure: NEMA 1	1	assy		
	LPPL Main: 125AT 3P 25KAIC @ 240V Branches: 4 - 40AT 2P Bolt-on 4 - 30AT 2P Bolt-on 8 - 20AT 2P Bolt-on Enclosure: NEMA 1	1	assy		
	LPA Main: 70AT 3P 18KAIC @ 240V Branches: 1 - 30AT 2P Bolt-on 11 - 20AT 2P Bolt-on 1 - Space Enclosure: NEMA 1	1	assy		
	PPA Main: 125AT 3P 25KAIC @ 240V Branches: 9 - 30AT 2P Bolt-on 9 - 20AT 2P Bolt-on Enclosure: NEMA 1	1	assy		
	LPPK (CANTEEN) Main: 50AT 3P 18KAIC @ 240V Branches: 3 - 30AT 2P Bolt-on 3 - 20AT 2P Bolt-on Enclosure: NEMA 1	1	assy		
	LPB Main: 70AT 3P 18KAIC @ 240V Branches: 11 - 20AT 2P Bolt-on 1 - Space Enclosure: NEMA 1	1	assy		
	PPB Main: 150AT 3P 25KAIC @ 240V Branches: 40 - 40AT 2P Bolt-on 5 - 30AT 2P Bolt-on 7 - 20AT 2P Bolt-on Enclosure: NEMA 1	1	assy		
	LPPC Main: 100AT 3P 25KAIC @ 240V Branches: 2 - 40AT 2P Bolt-on 3 - 30AT 2P Bolt-on 9 - 20AT 2P Bolt-on Enclosure: NEMA 1	1	assy		
	LPPD Main: 100AT 3P 25KAIC @ 240V Branches: 6 - 30AT 2P Bolt-on 10 - 20AT 2P Bolt-on Enclosure: NEMA 1	1	assy		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	LPPS (TYPICAL TO ALL SCIENCE LABORATORY) Main: 70AT 3P 18KAIC @ 240V Branches: 3 - 70AT 2P Bolt-on 2 - 30AT 2P Bolt-on 3 - 20AT 2P Bolt-on Enclosure: NEMA 1	4	assy		
	LPPX (TYPICAL TO ALL COMPUTER LABORATORY) Main: 125AT 3P 25KAIC @ 240V Branches: 4 - 40AT 2P Bolt-on 3 - 30AT 2P Bolt-on 11 - 20AT 2P Bolt-on Enclosure: NEMA 1	2	assy		
	LPPY (TYPICAL TO ALL COOKERY AND PASTRY) Main: 100AT 3P 25KAIC @ 240V Branches: 5 - 30AT 2P Bolt-on 3 - 20AT 2P Bolt-on Enclosure: NEMA 1	2	assy		
	ENCLOSED CIRCUIT BREAKER				
	400AT, 3P, NEMA 3R	1	assy		
	150AT, 3P, NEMA 3R	1	assy		
	50AT, 3P, NEMA 3R	1	assy		
	50AT, 2P, NEMA 3R	1	assy		
	40AT, 2P, NEMA 3R	1	assy		
	30AT, 2P, NEMA 3R	14	assy		
F	Grounding and Lightning Protection System				
	100mm² Bare Copper Wire (uncut)	250	lm		
	Base Plate for Steel Mast	1	pc		
	Cadweld Mold for GT Connection, 100mm² Cable to 20mm Ø Rod	25	pc		
	20mm Ø x 3m Copper Bonded Ground Rod	25	pc		
	Event Counter Enclosure	1	pc		
	Fiberglass Mast 3m	1	pc		
	Flint Igniter	5	pc		
	Ground Well/Pit 8" Ø Depth with S/S Cover	2	pc		
	Handle Clamp Mold	5	pc		
	Inline Coupling	2	pc		
	Lightning Arrester Dynasphere	1	pc		
	Lightning Event Counter	1	pc		
	Lower Termination Kit	1	pc		
	Poweder for GT Connection	10	tube		
	50mm Ø x 6m Steel Mast	1	pc		
	Terminal Lug Coupling Connector	2	pc		
	100mm² Terminal Lug One Hole Long Barrel	1	pc		
G	Miscellaneous and Consumables				
	25mm Ø x 40mm Tox Screw	50	box		
	400cc PVC Solvent Cement	100	can		
	Electrical Tape	500	roll		
	Eyebolt	1	pc		
	G.I. Tie Wire (for Cable Pulling)	100	kg		
	Hacksaw Blade	20	pc		
	Rubber Tape	200	roll		
				Materials Cost	P
				Labor Cost	
				Subtotal	P

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
H	Supply and Installation of Stand By Generator Set 500kVA, 3φ / 230V/220V / 60Hz Electronic Governor Diesel Engine Driven Silent Type (4100mm x 1900mm x 2500mm)	1	assy	P	P
				Subtotal	P
				Materials Cost II E	P
				Labor Cost II E	
				Direct Cost II E	P
F	AUXILIARY WORKS				
1	Voice and Data System				
	Roughing-ins, Pipes and Fittings				
	12mm Ø PVC Pipe	77	pc	P	P
	12mm Ø PVC Adaptor	50	pc		
	12mm Ø PVC Locknut	50	pc		
	20mm Ø PVC Pipe	193	pc		
	20mm Ø PVC Adaptor	112	pc		
	20mm Ø PVC Locknut	112	pc		
	40mm Ø PVC Pipe	12	pc		
	40mm Ø PVC Adaptor	4	pc		
	40mm Ø PVC Locknut	4	pc		
	40mm Ø PVC Elbow	4	pc		
	40mm Ø PVC Entrance Cap	2	pc		
	50mm Ø PVC Pipe	4	pc		
	50mm Ø PVC Adaptor	16	pc		
	50mm Ø PVC Locknut	16	pc		
	65mm Ø PVC Pipe	2	pc		
	25mm Ø IMC Pipe	110	pc		
	25mm Ø IMC Coupling	83	pc		
	25mm Ø IMC Elbow	12	pc		
	25mm Ø IMC Locknut and Bushing	8	pc		
	50mm x 100mm PVC Utility Box	148	pc		
	100mm x 100mm PVC Octagonal Box with Cover	25	pc		
	118mm PVC Square Box	5	pc		
	20mm Ø Mica Tube	240	lm		
	200mm x 200mm x 150mm Pull Box	5	assy		
	Wires and Cables				
	CAT6 UTP Cable, 4 pairs	28	roll		
	3' CAT6 UTP Patch Cord	176	pc		
	3' Fiber Optic Patch Cord	6	pc		
	Fiber Optic Riser Cable	163	lm		
	8.0mm² THW Wire (Grounding Wire)	28	lm		
	8-pin RJ 45 Connector	150	pc		
	SC, ST, LC Fiber Optic Connector	1	box		
	Copper Clad Grounding Rod with Clamp	1	pc		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	Fixtures and Devices				
	Universal LAN Outlet, Simplex (1-device)	120	pc		
	Universal LAN Outlet, Duplex (2-device)	28	pc		
	IP PBX with 20 Lines and 120 IP Extensions	1	pc		
	Server Equipment with UPS	1	pc		
	Main Distribution Frame (MDF) 48U Data Rack (19") with Standard Framing and Paneling 1 - 8-port Rack-mounted Router (1U) 1 - 12-port Rack-mounted Preloaded Fiber Patch Panel (2U) 1 - 12-port Managed Fast Fiber Switch (2U) 1 - 24-port CAT6 Standard Density Feed-thru Patch Panel (2U) 1 - 48-port CAT6 Standard Density Feed-thru Patch Panel (3U) 1 - 20-port UTP + 4-port FTP Network Switch (2U) 1 - 48-port UTP Network Switch (3U) 1 - Rack-mounted UPS, 1000VA ≥ 5mins "on-line" 1 - Rack-mounted Surge Suppressor 2 - Small Form-factor Pluggable (SFP) Optical Transceiver with Cable Managers and UTP/FTP Converter with UTP Cross-connect Cables with FTP Cross-connect Cables	1	assy		
	Intermediated Distribution Frame (IDF1 & IDF2) 24U Data Rack (19") with Standard Framing and Paneling 1 - 8-port Rack-mounted Router (1U) 1 - 12-port Rack-mounted Preloaded Fiber Patch Panel (2U) 1 - 12-port Managed Fast Fiber Switch (2U) 1 - 24-port CAT6 Standard Density Feed-thru Patch Panel (2U) 1 - 48-port CAT6 Standard Density Feed-thru Patch Panel (3U) 1 - 20-port UTP + 4-port FTP Network Switch (2U) 1 - 48-port UTP Network Switch (3U) 1 - Rack-mounted UPS, 650VA ≥ 5mins "on-line" 2 - Small Form-factor Pluggable (SFP) Optical Transceiver with Cable Managers and UTP/FTP Converter with UTP Cross-connect Cables	2	assy		
	Pipe Hangers and Supports				
	50mm x 100mm x 2.4m Wireway with Cover, Powder-coated	34	pc		
	12mm Ø x 1.2m Threaded Rod	34	pc		
	25mm x 5mm x 6m Flat Bar	4	pc		
	25mm x 25mm x 4mm x 6m Angle Bar	4	pc		
	10mm Ø x 65mm Expansion Bolt	68	pc		
	Beam Clamp	225	pc		
	Rigid Steel Strap	300	pc		
	Strut Clamp	168	pc		
	3m Cable Trays and Metal Cabinets Ground Strap	20	pc		
	Telecom Backboard	3	pc		
	Miscellaneous and Consumables				
	400cc Pipe Solvent Cement	8	can		
	6mm Ø x 40mm Tox with Screw	2	box		
	25mm Ø x 40mm Tox with Screw	2	box		
	Electrical Tape	8	roll		
	Fiber Adapter Cable Kit	1	set		
	G.I. Tie Wire (for Cable Pulling)	3	kg		
	Hacksaw Blade	16	pc		
	Masking Tape	6	roll		
	Pulling Lubricant	3	can		
	Rubber Tape	4	roll		
	Waste Cloth	1	kg		
				Materials Cost II F-1	P
				Labor Cost II F-1	
				Direct Cost II F-1	P



ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
2	Closed Circuit Television (CCTV) System				
	Roughing-ins, Pipes and Fittings				
	20mm Ø PVC Pipe	179	pc	P	P
	20mm Ø PVC Adaptor	33	pc		
	20mm Ø PVC Locknut	33	pc		
	20mm Ø Flexible Metallic Conduit	35	lm		
	20mm Ø Straight Connector with Locknut	34	pc		
	100mm x 100mm Metal Junction Box with Cover	11	pc		
	118mm PVC Square Box	5	pc		
	325mm x 275mm x 275mm Pull Box	3	pc		
	Wires and Cables				
	RG-6/U Co-Axial Cable, Foamed PE	6	roll		
	1.25mm² TF Wire	8	roll		
	8.0mm² THW Wire (Grounding Wire)	25	lm		
	A/V (VGA and HDMI) Cable	12	lm		
	Fixtures and Devices				
	HD Bullet Camera (Vandal Resistant), Outdoor type	7	pc		
	HD Dome Camera (Day/Night), Indoor Type	10	pc		
	HD Digital Video Recorder (DVR), 16-channel with DVD Burner	2	pc		
	DVD Security Lock Box, Low Profile	1	pc		
	Multi-Function Keyboard Controller	1	unit		
	800mm LED Monitor	2	set		
	UPS, 1000VA ≥ 5mins "on-line"	1	set		
	RG-6/U Straight Connector	17	pc		
	RG-6/U Terminal Connector Connector	34	pc		
	Pipe Hangers and Supports				
	Beam Clamp	102	pc		
	Rigid Steel Strap	135	pc		
	Strut Clamp	76	pc		
	Miscellaneous and Consumables				
	400cc Pipe Solvent Cement	4	can		
	6mm Ø x 40mm Tox with Screw	2	box		
	25mm Ø x 40mm Tox with Screw	2	box		
	Electrical Tape	5	roll		
	G.I. Tie Wire (for Cable Pulling)	2	kg		
	Masking Tape	4	roll		
	Pulling Lubricant	2	can		
	Rubber Tape	3	roll		
				Materials Cost II F-2	P
				Labor Cost II F-2	
				Direct Cost II F-2	P
3	Fire Detection and Alarm System (FDAS)				
	Roughing-ins, Pipes and Fittings				
	20mm Ø PVC Pipe	10	pc	P	P
	20mm Ø EMT Pipe	331	pc		
	20mm Ø EMT Elbow	130	pc		
	20mm Ø EMT Coupling, Set Screw Type	331	pc		
	20mm Ø EMT Connector, Set Screw Type	270	pc		
	50mm x 100mm Metal Utility Box	17	pc		
	100mm x 100mm Metal Junction Box with Cover	118	pc		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	Wires and Cables				
	1.25mm² TF Wire	42	roll		
	CAT6 UTP Cable	70	lm		
	Fixtures and Devices				
	Heat Detector	3	pc		
	Smoke Detector	98	pc		
	150mm Ø Fire Alarm Bell with Strobe Light	17	pc		
	Manual Pull Station	17	pc		
	Fire Alarm Control Panel (8 Zones)	1	unit		
	Power Supply and Back-up Battery Pack	1	set		
	Pipe Hangers and Supports				
	Support for Horizontal Roughing-ins	1,023	lm		
	Miscellaneous and Consumables				
	400cc Pipe Cement Solvent	2	can		
	Electrical Tape	12	roll		
	G.I. Tie Wire (for Cable Pulling)	2	kg		
	Hacksaw Blade	10	pc		
	Masking Tape	5	roll		
	Masonry Drill Bit	4	pc		
	Metal Drill Bit	4	pc		
	Rubber Tape	5	roll		
				Materials Cost II F-3	P
				Labor Cost II F-3	
				Direct Cost II F-3	P
				Materials Cost II F	P
				Labor Cost II F	
				Direct Cost II F	P
G	MECHANICAL WORKS				
1	Refrigerant Pipe System				
	6mm Ø Copper Coil Tubing	11	lm	P	P
	12mm Ø Copper Coil Tubing	11	lm		
	6mm Ø x 20mm thick Rubber Foam Insulation	11	lm		
	12mm Ø x 20mm thick Rubber Foam Insulation	11	lm		
2	Condensate Water Drainage System				
	32mm Ø x 3m uPVC Pipe	52	pc		
	32mm Ø uPVC Elbow	123	pc		
	32mm Ø x 12mm thick Rubber Foam Insulation	11	lm		
3	Ventilation System				
	150mm Ø PVC Pipe	40	pc		
	150mm Ø Air Vent Cap	19	pc		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
4	Equipment and Accessories				
	EF 1 - Wall-mounted Axial Exhaust Fan, 970CMH, 33W, 230V / 1ϕ / 60Hz	6	unit	P	P
	EF 2 - Ceiling-mounted Exhaust Fan, 530CMH, 67W, 230V / 1ϕ / 60Hz	16	unit		
	EF 3 - Ceiling-mounted Exhaust Fan, 150CMH, 15W, 230V / 1ϕ / 60Hz	1	unit		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	EF 4 - Ceiling-mounted Exhaust Fan, 97CMH, 12W, 230V / 1ϕ / 60Hz	2	unit		
	CF 1 - Ceiling Fan, 0.50cms, 100W, 230V / 1ϕ / 60Hz	48	unit		
	WAC 1 - 2.5hp, 550cmm, 2.61kW, 230V / 1ϕ / 60Hz	27	unit		
	WAC 2 - 2.0hp, 466cmm, 1.89kW, 230V / 1ϕ / 60Hz	4	unit		
	WAC 3 - 1.5hp, 270cmm, 1.21kW, 230V / 1ϕ / 60Hz	4	unit		
	WAC 4 - 1.0hp, 200cmm, 0.93kW, 230V / 1ϕ / 60Hz	2	unit		
	WAC 5 - 0.75hp, 200cmm, 0.72kW, 230V / 1ϕ / 60Hz	3	unit		
				Equipment Cost	P
				Labor Cost	
				Subtotal	P
	SAC 1 - Wall Mounted Split-type Air Conditioning Unit, 1.5TR 6.35mm Ø Liquid, 12.7mm Ø Gas & 32mm Ø Drain Pipes 1.76kW, 230V / 1ϕ / 60Hz with Refrigerant Charging	1	unit	P 51,094.00	P
				Equipment Cost	P
				Labor Cost with Technical Supervision	
				Subtotal	P
5	Pipe Hangers and Supports				
	Condensate Water Drainage System Support for Split-type ACU	11	lm	P	P
	Condensate Water Drainage System Support for Window-type ACU	145	lm		
	Refrigerant Pipe System Support	11	lm		
	Exhaust Duct System Support	120	lm		
	Window Type Aircon Wall Mounted Support	40	unit		
	ACCU Support	1	unit		
	Vibration Isolator	4	pc		
6	Miscellaneous & Consumables				
	400cc Pipe Solvent Cement	10	can		
	25mm wide x 50m long Polyethylene Tape	10	roll		
	Brazing Rod (10pcs/box)	2	box		
	Waste Cloth	5	kg		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
				Materials Cost II G	P
				Labor Cost II G	
				Direct Cost II G	P
H	FIRE PROTECTION WORKS				
1	Roughing-ins, Pipes and Fittings				
	25mm Ø B.I. Pipe, Schedule 40	215	pc	P	P
	32mm Ø B.I. Pipe, Schedule 40	20	pc		
	40mm Ø B.I. Pipe, Schedule 40	14	pc		
	50mm Ø B.I. Pipe, Schedule 40	11	pc		
	65mm Ø B.I. Pipe, Schedule 40	49	pc		
	75mm Ø B.I. Pipe, Schedule 40	8	pc		
	100mm Ø B.I. Pipe, Schedule 40	49	pc		
	65mm Ø x 65mm Ø B.I. Tee, Weldable	6	pc		
	75mm Ø x 65mm Ø B.I. Tee, Weldable	5	pc		
	100mm Ø x 65mm Ø B.I. Tee, Weldable	14	pc		
	100mm Ø x 75mm Ø B.I. Tee, Weldable	1	pc		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	100mm Ø x 100mm Ø B.I. Tee, Weldable	3	pc		
	100mm Ø B.I. 90° Elbow, Weldable	20	pc		
	65mm Ø x 25mm Ø B.I. Reducer, Weldable	5	pc		
	65mm Ø x 50mm Ø B.I. Reducer, Weldable	6	pc		
	75mm Ø x 65mm Ø B.I. Reducer, Weldable	5	pc		
	100mm Ø x 65mm Ø B.I. Reducer, Weldable	6	pc		
	25mm Ø x 25mm Ø B.I. Tee, Threaded	231	pc		
	32mm Ø x 25mm Ø B.I. Tee, Threaded	11	pc		
	32mm Ø x 32mm Ø B.I. Tee, Threaded	30	pc		
	40mm Ø x 40mm Ø B.I. Tee, Threaded	18	pc		
	50mm Ø x 25mm Ø B.I. Tee, Threaded	7	pc		
	25mm Ø 90° B.I. Elbow, Threaded	291	pc		
	32mm Ø 90° B.I. Elbow, Threaded	8	pc		
	40mm Ø 90° B.I. Elbow, Threaded	42	pc		
	50mm Ø 90° B.I. Elbow, Threaded	10	pc		
	32mm Ø x 25mm Ø B.I. Reducer, Threaded	86	pc		
	40mm Ø x 25mm Ø B.I. Reducer, Threaded	19	pc		
	40mm Ø x 32mm Ø B.I. Reducer, Threaded	48	pc		
	50mm Ø x 40mm Ø B.I. Reducer, Threaded	7	pc		
	25mm Ø B.I. Threadolet, Threaded	41	pc		
	32mm Ø B.I. Threadolet, Threaded	14	pc		
	40mm Ø B.I. Threadolet, Threaded	46	pc		
	25mm Ø B.I. Union Patent, Threaded	14	pc		
	40mm Ø B.I. End Cap, Threaded	9	pc		
	13mm Ø B.I. Plug, Threaded	354	pc		
2	Valves and Appurtenances				
	65mm Ø Fire Hose Valve	14	pc		
	25mm Ø Sight Glass	5	pc		
	25mm Ø Globe Valve	10	pc		
	50mm Ø Globe Valve	1	pc		
	50mm Ø Check Valve	1	pc		
	100mm Ø Check Valve	2	pc		
	100mm Ø Alarm Check Valve	1	pc		
	75mm Ø Relief Valve	1	pc		
	100mm Ø Butterfly Valve with Tamper Switch	5	pc		
	100mm Ø Flow Switch	5	pc		
	200psi Pressure Gauge	5	pc		
	300psi Pressure Gauge	3	pc		
	750gpm Flow Meter	1	pc		
3	Fixtures				
	Fire Sprinkler Head				
	13mm Ø Upright-type Fire Sprinkler Head, 68°C	20	pc		
	13mm Ø Pendent-type Fire Sprinkler Head, 68°C	185	pc		
	13mm Ø Sidewall-type Fire Sprinkler Head, 68°C	167	pc		
	Fire Department Connection	1	set		
	Fire Extinguisher	11	pc		
	Fire Hose Cabinet	14	set		
	Roof Manifold	2	pc		
				Materials Cost	P
				Labor Cost	
				Subtotal	P

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
4	Equipment and Accessories				
	FP 1 - Vertical Turbine Fire Pump, 170.3cmh, 82.0m head, 55.95kW, 230V / 3 $\phi$ / 60Hz	1	unit	P	P
	JP 1 - Submersible Jockey Pump, 5.67cmh, 73.0m head, 3.73kW, 230V / 3 $\phi$ / 60Hz	1	unit		
				Equipment Cost	P
				Labor Cost with Technical Supervision	
				Subtotal	P
5	Pipe Hangers and Supports				
	Hangers for 25mm $\phi$ B.I. Pipe	1,290	lm	P	P
	Hangers for 40mm $\phi$ B.I. Pipe	204	lm		
	Hangers for 50mm $\phi$ B.I. Pipe	66	lm		
	Hangers for 65mm $\phi$ B.I. Pipe	294	lm		
	Hangers for 75mm $\phi$ B.I. Pipe	48	lm		
	Hangers for 100mm $\phi$ B.I. Pipe	294	lm		
	Support for Vertical Pipes	342	lm		
6	Miscellaneous & Consumables				
	20mm $\phi$ x 50mm Expansion Bolt	519	set		
	20mm $\phi$ Masonry Drill Bit	45	pc		
	20mm $\phi$ Metal Drill Bit	45	pc		
	Hacksaw Blade	45	pc		
	Rubber Gasket	2	lm		
	Special Purpose Sealant	45	tube		
	Teflon Tape	75	roll		
	Threading Oil	7	gal		
	Waste Cloth	25	kg		
	Welding Rod	30	box		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
				Materials Cost II H	P
				Labor Cost II H	
I	UTILITIES AND ANCILLARY WORKS			Direct Cost II H	P
1	Construction of Utility Tanks				
	Septic Tank	26	cu.m		
	Cistern and Fire Reserve Tank	124	cu.m		
2	Equipment and Accessories				
	Transfer Pump centrifugally end-suction, cast iron casing, stainless steel shaft mechanical seal, hard plastic impeller 100gpm capacity, 36m total dynamic head, 5.0hp, 220V / 3 $\phi$ / 60Hz high efficient motor complete with electrodes for cistern & overhead tanks, alternator and other accessories needed for automatic operation	2	set		
	Booster Pump horizontal end-suction, centrifugal, stainless steel shaft mechanical seal, hard plastic impeller 48gpm capacity, 30m total dynamic head, 2.0hp, 220V / 1 $\phi$ / 60Hz high efficient motor complete with magnetic starter and other accessories needed for and or alternate and parallel operation	2	set		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	Pressure Tank Stainless steel, Ga #14, 200gal capacity, complete with inlet port, outlet port, drain port, pressure gauge, and pressure switch set at 20/40 psi cut-in/cut-off pressure & other accessories to complete system	1	set		
	Overhead Tank 6mm thick Stainless Steel construction, 2000gal capacity, complete with manhole ladder rung, saddle strap, inlet port, outlet port, vent, drain port and manhole cover. It should be vertically installed operation.	2	set		
	Rainwater Tank 1000gal capacity with inlet and outlet port, overflow and manhole, polyethylene made, high premium with flush diverter	6	set		
				Materials Cost	P
				Labor Cost with Technical Supervision	
				Subtotal	P
				Materials Cost II I	P
				Labor Cost II I	
				Direct Cost II I	P
				Materials Cost II	P
				Labor Cost II	
				Direct Cost II	P
<b>III</b>	<b>LAND DEVELOPMENT WORKS</b>				
<b>A</b>	<b>SITE WORKS</b>				
<b>1</b>	<b>Site Cleaning and Preparation</b>				
	CHB Fence (H=2.8m)	157	sq.m.	P	P
	Guard House, Gate Service Entrance & Bin Center	20	sq.m.		
	Road, Sidewalk/Pathwalk & Flag Pole	1,926	sq.m.		
<b>2</b>	<b>Layout and Staking</b>				
	CHB Fence (H=2.8m)	157	sq.m.		
	Guard House, Gate Service Entrance & Bin Center	20	sq.m.		
	Road, Sidewalk/Pathwalk & Flag Pole	1,926	sq.m.		
<b>3</b>	<b>Excavation for Structures</b>				
	CHB Fence (H=2.8m)				
	Column Footing	44	cu.m.		
	Wall Footing	93	cu.m.		
	Guard House, Gate Service Entrance & Bin Center				
	Column Footing	9	cu.m.		
	Wall Footing	9	cu.m.		
	Slab-on-Fill	2	cu.m.		
	Road, Sidewalk/Pathwalk & Flag Pole				
	Stair Footing	9	cu.m.		
	Wall Footing	83	cu.m.		
	Slab-on-Fill	69	cu.m.		
	Flag Pole Footing	2	cu.m.		
				Subtotal	P
<b>4</b>	<b>Soil Treatment</b>				
	CHB Fence (H=2.8m)	588	sq.m.	P	P
	Guard House, Gate Service Entrance & Bin Center	76	sq.m.		
	Road, Sidewalk/Pathwalk & Flag Pole	434	sq.m.		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
5	Gravel Bedding				
	CHB Fence (H=2.8m)	8	cu.m.		
	Guard House, Gate Service Entrance & Bin Center	2	cu.m.		
	Road, Sidewalk/Pathwalk & Flag Pole	28	cu.m.		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
6	Backfill and Compaction				
	CHB Fence (H=2.8m)	78	cu.m.	P	P
	Guard House, Gate Service Entrance & Bin Center	10	cu.m.		
	Road, Sidewalk/Pathwalk & Flag Pole	51	cu.m.		
				Subtotal	P
7	Imported Backfill and Compaction	123	cu.m.		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
				Materials Cost IV A	P
				Labor Cost IV A	
				Direct Cost IV A	P
B	CIVIL WORKS / STRUCTURAL WORKS				
1	Concrete Works				
	Ready Mix Concrete, 28MPa, 19mm Gravel, 28days				
	Footing, CHB Fence	11	cu.m.	P	P
	Column, CHB Fence	23	cu.m.		
	Footing, Guard House, Gate Service Entrance & Bin Center	2	cu.m.		
	Column, Guard House, Gate Service Entrance & Bin Center	24	cu.m.		
	Beam, Guard House, Gate Service Entrance & Bin Center	4	cu.m.		
	Suspended Slab, Guard House, Gate Service Entrance & Bin Center	3	cu.m.		
	Ready Mix Concrete, 21MPa, 19mm Gravel, 28days				
	Wall Footing, CHB Fence	26	cu.m.		
	Concrete Ground	50	cu.m.		
	Stair Footing	25	cu.m.		
	On Site Mix Concrete				
	Wall Footing, Guard House & Bin Center	3	cu.m.		
	Slab-on-Fill, Guard House & Bin Center	1	cu.m.		
	Footing, Steps	9	cu.m.		
	Steps	2	cu.m.		
	Ramp	3	cu.m.		
	Concrete Border	1	cu.m.		
	Flag Pole	1	cu.m.		
2	Reinforcing Steel Bar				
	Grade 40 Reinforcing Steel Bar including G.I. Tie Wire # 16				
	10mm Ø Reinforcing Steel Bar				
	Column, CHB Fence	2,520	kg		
	Wall Footing, CHB Fence	697	kg		
	Column, Guard House, Gate Service Entrance & Bin Center	512	kg		
	Beam, Guard House, Gate Service Entrance & Bin Center	236	kg		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	Wall Footing, Guard House & Bin Center	71	kg		
	Slab-on-Fill, Guard House & Bin Center	32	kg		
	Suspended Slab, Guard House, Gate Service Entrance & Bin Center	344	kg		
	Concrete Ground	1,065	kg		
	Wall Footing	658	kg		
	Steps Footing	28	kg		
	Steps	287	kg		
	Ramp	51	kg		
	Concrete Border	20	kg		
	Flag Pole	23	kg		
	12mm Ø Reinforcing Steel Bar (Concrete Ground)	303	kg		
	Grade 60 Reinforcing Steel Bar including G.I. Tie Wire # 16				
	16mm Ø Reinforcing Steel Bar				
	Footing, CHB Fence	1,276	kg		
	Column, CHB Fence	3,465	kg		
	Footing, Guard House, Gate Service Entrance & Bin Center	236	kg		
	Column, Guard House, Gate Service Entrance & Bin Center	639	kg		
	Beam, Guard House, Gate Service Entrance & Bin Center	220	kg		
	Footing, Flag Pole	30	kg		
3	Formworks				
	Footing, CHB Fence	27	sq.m.		
	Column, CHB Fence	152	sq.m.		
	Wall Footing, CHB Fence	52	sq.m.		
	Footing, Guard House, Gate Service Entrance & Bin Center	10	sq.m.		
	Column, Guard House, Gate Service Entrance & Bin Center	46	sq.m.		
	Beam, Guard House, Gate Service Entrance & Bin Center	14	sq.m.		
	Suspended Slab, Guard House, Gate Service Entrance & Bin Center	14	sq.m.		
	Wall Footing, Guard House & Bin Center	36	sq.m.		
	Wall Footing	95	sq.m.		
	Steps Footing	23	sq.m.		
4	Shoring				
	Column, CHB Fence	192	sq.m.		
	Column, Guard House, Gate Service Entrance & Bin Center	71	sq.m.		
	Beam, Guard House, Gate Service Entrance & Bin Center	20	sq.m.		
	Suspended Slab, Guard House, Gate Service Entrance & Bin Center	23	sq.m.		
5	Masonry Works				
	100mm CHB Laying including Mortar, Reinforcement and Two-Face Plastering	1,166	sq.m.		
	Plastering of Column	355	sq.m.		
	Plastering of Door and Window Openings	27	sq.m.		
	Floor Topping and Finishing Preparation	10	sq.m.		
	Tooled Finishing Preparation for Slab Soffit	11	sq.m.		
6	Thermal and Moisture Protection				
	Cementitious Capillary Type Waterproofing	24	sq.m.		
	Vapor Barrier (Guard House, Gate Service Entrance & Bin Center)	9	sq.m.		
7	Metal Works				
	Service Gate (Rear)				
	50mm x 100mm Schedule 20 Tubular Bar	171	kg		
	12mm Square Bar	54	kg		
	Heavy Duty Hinge	6	set		
	Barrel Bolt	1	set		



ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
	Service Gate (Front)				
	40mm x 25mm x 6mm Tubular Bar	869	kg		
	50mm x 50mm x 6mm Tubular Bar	58	kg		
	50mm x 100mm x 6mm Tubular Bar	588	kg		
	Heavy Duty Hinge	12	set		
	Barrel Bolt	1	set		
	Foot Bolt	4	set		
	Entrance Gate				
	40mm x 25mm x 6mm Tubular Bar	75	kg		
	50mm x 100mm x 6mm Tubular Bar	75	kg		
	Heavy Duty Hinge	3	set		
	Barrel Bolt	1	set		
	Foot Bolt	1	set		
	Green Wall				
	50mm x 50mm x 6mm Angle Bar	1,781	kg		
	50mm x 100mm x 6mm Tubular Bar	814	kg		
	100mm x 100mm x 6mm Tubular Bar	2,261	kg		
	50mm x 5mm Flat Bar	930	kg		
	50mm x 50mm x 4.5mm Wire Mesh	36	sq.m.		
	Flag Pole				
	150mm x 75mm Tapered Pipe	170	kg		
	300mm x 300mm x 25mm Base Plate	28	kg		
	25mm Ø x 150mm Anchor Bolt	4	kg		
	Miscellaneous & Consumables				
	Acetylene Tank Refill	4	tank		
	Assorted Metal Drill Bit	4	pc		
	Cut Off Blade	8	pc		
	Grinding Disc Metal	8	pc		
	Oxygen Tank Refill	8	tank		
	Welding Rod	4	box		
				Materials Cost IV B	P
				Labor Cost IV B	
				Direct Cost IV B	P
C	ARCHITECTURAL WORKS				
1	Floor Finishes				
	Stamped Concrete with 50mm Concrete Topping	452	sq.m.		
2	Wall Finishes				
	300mm x 600mm Brick Stone	285	sq.m.		
	600mm x 600mm Granite Tiles	5	sq.m.		
	600mm x 600mm Flamed Granite Tiles	2	sq.m.		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
3	Painting Works				
	Skim Coat	1,743	sq.m.		
	Elastomeric Paint Finish				
	Perimeter Fence	1,144	sq.m.		
	Exterior Wall	108	sq.m.		
	Slab	11	sq.m.		
	Plant Box	153	sq.m.		
	Flat Latex Finish (Interior Wall)	55	sq.m.		
	Epoxy Enamel Finish (Steel Surface)	89	sq.m.		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
4	Installation of Doors				
	Doors				
	D8 - 1.0m x 2.1m Swing Type Metal Door with Louvers	2	set	P	P
	D12 - 1.6m x 2.1m Double Leaf Metal Door with Louvers	1	set		
	D13 - 0.7m x 2.1m Panel Door	1	set		
	Door Jambs				
	D8 - 1.0m x 2.1m Metal Door Jamb	2	set		
	D12 - 1.6m x 2.1m Metal Door Jamb	1	set		
	D13 - 0.7m x 2.1m Wooden Door Jamb	1	set		
	Hardwares and Accessories				
	Heavy Duty Hinge	12	set		
	Door Knob	1	set		
	Barrel Bolt	3	set		
5	Installation of Windows				
	W7 - 0.9m x 1.2m Powder Coated Aluminum Framed Sliding Glass Window with Complete Accessories	1	set		
				Materials Cost	P
				Labor Cost	
				Subtotal	P
				Materials Cost IV C	P
				Labor Cost IV C	
				Direct Cost IV C	P
D	ELECTRICAL WORKS				
1	Roughing-ins, Pipes and Fittings				
	12mm Ø PVC Pipe	217	pc	P	P
	20mm Ø PVC Pipe	30	pc		
	12mm Ø PVC Adaptor	108	pc		
	20mm Ø PVC Adaptor	22	pc		
	12mm Ø PVC Locknut	108	pc		
	20mm Ø PVC Locknut	22	pc		
	50mm x 100mm Utility Box	3	pc		
	100mm x 100mm Junction Box with Cover	52	pc		
2	Wires and Cables				
	3.5mm² TW Wire	5	roll		
	5.5mm² TW Wire	1	roll		
	5.5mm² THHN Wire	10	roll		
	14.0mm² THHN Wire	265	lm		

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	TOTAL COST
3	Wiring Devices				
	Duplex Convenience Outlet with Ground	1	pc		
	Switch with Plate and Cover, Three Pole	1	pc		
4	Lighting Fixtures (Energy Efficient)				
	150mm Ø Pinlight	1	pc		
	2 - Luminaire Park Light with 3m high Post	2	pc		
	Bollard Light	12	pc		
	Triangular Façade Lighting (Fence)	34	pc		
5	Miscellaneous & Consumables				
	400cc Pipe Solvent Cement	10	can		
	25mm Ø x 40mm Tox with Screw	5	box		
	Electrical Tape	20	roll		
	G.I. Tie Wire (for Cable Pulling)	5	kg		
	Hacksaw Blade	10	pc		
	Rubber Tape	10	roll		
				Materials Cost IV D	P
				Labor Cost IV D	
				Direct Cost IV D	P
E	UTILITIES AND ANCILLARY WORKS				
1	460mm Ø Area Drain/Catch Basin	2	unit		
2	610mm Ø Area Drain/Catch Basin,	28	unit		
3	610mm Ø Manhole	8	unit		
4	460mm Ø Reinforced Concrete Pipe	12	lm		
5	610mm Ø Reinforced Concrete Pipe	225	lm		
				Materials Cost IV E	P
				Labor Cost IV E	
				Direct Cost IV E	P
F	SITE DEVELOPMENT WORKS				
1	Aggregate Base Course	6	cu.m.	P	P
2	Curb and Gutter Type A	29	lm		
3	Construction of Sidewalk	51	sq.m.		
4	Trench	2	lm		
				Direct Cost IV F	P
				Materials Cost IV	P
				Labor Cost IV	
				Direct Cost IV	P

### SUMMARY

ITEM NO	WORK DESCRIPTION AND SCOPE OF WORKS	AMOUNT
I	GENERAL REQUIREMENTS	P
II	CONSTRUCTION OF GENERAL LICERIO GERONIMO INTEGRATED HIGH SCHOOL BUILDING	
III	LAND DEVELOPMENT WORKS	
TOTAL DIRECT COST		P
Overhead, Contingencies and Miscellaneous Expenses (OCM)		
Profit		
VAT		
TOTAL ESTIMATED COST		P

PROJECT TITLE :

PROPOSED CONSTRUCTION OF FOUR (4) STOREY WITH LOWER  
GROUND GENERAL LICERIO GERONIMO INTEGRATED HIGH SCHOOL  
INCLUDING LAND DEVELOPMENT

LOCATION :

BARANGAY BAGONG SILANGAN, DISTRICT 2, QUEZON CITY

PROJECT NO. :

20 - 00149

DURATION :

Three Hundred Ninety (390) Calendar Days

BREAKDOWN OF COST

ITEM NO	WORK DESCRIPTION	MATERIALS COST	LABOR COST	INDIRECT COST	AGGREGATE COST
I	GENERAL REQUIREMENTS				
II	CONSTRUCTION OF GENERAL LICERIO GERONIMO INTEGRATED HIGH SCHOOL BUILDING				
IV	LAND DEVELOPMENT WORKS				

TOTAL COST

P

LUMP SUM BID IN WORDS :

Contractor :