REVISED SCOPE OF WORKS

ITEM NO.	PROGRAM OF WORKS	UNIT	QTY	ESTIMATE DIRECT COST	ESTIMATE DIRECT COST		TOTAL MARK-UP	VALUE = 6x8	VAT = 5% x (5+9)	TOTAL INDIRECT COST = 9+10	TOTAL COST = 5+11	UNIT COST = 12/4
					OCM	PROFIT	%					
1	2	3	4	5	6	7	8	9	10	11	12	13
A. OTHER GENERAL REQUIREMENTS												
A.1.1	Facilities for Engineers (Construction/Project Managers Field Office in rentable Conveni), Miscellaneous Office Supplies,3 pcs Office Table and 3 pcs Office chairs)	ls	1.00									
B.2	Occupational Safety and Health (Safety Shoes, Safety Helmet, First Aid kits and Medicines and SPECIALIZED PPE (full body harness) and 1 Safety Officer	ls	1.00									
B.5	Project Billboard	each	4.00									
B.9	Mobilization and Demobilization	ls	1.00									
B.3	Permits and Clearances (Bldg Permit, Occupancy Permit Signing of Plans & Computation if necessary Leg Works and Payment)	ls	1.00									
B. EARTHWORKS												
101(3)a1	Removal of Actual Structures/Obstruction	ls	1.00									
1700(3)a1	Removal of Tress	each	4.00									
803(1)a	Structure Excavation(common soil)	cu.m	1,773.50									
804(1)c	Embankment from Common Borrow by Equipment	cu.m.	2,000.00									
804(1)a	Embankment from Structure Excavation (common soil)	cu.m	1,418.80									
804(4)	Gravel Bedding	cu.m	71.75									
C. PLAIN AND REINFORCED CONCRETE												
900	Structural Concrete, Class A	cu.m.	690.00									

901(1)	Lean Concrete	cu m.	15.78									
902(1)	Reinforcing Steel of Reinforced Concrete Structures for two up to Five Storey Grade 40/Grade 60	kgs	175,000.00									
903(2)	Formworks and Falseworks (Include scaffoldings)	l.s	1.00									
D. CONCRETE STRUCTURES												
600(1)	Sidewalk	sq.m	219.21									
E. DOORS												
1012(1)	Tempered Glass Door (6mm Thk.) with complete accessories and frames and with double action door closer(see drawing detail D1)	sq.m	14.03									
1042(2)	Double Leaf Steel Panel Door with Viewing Window with complete accessories and frames with double action door closer(sedrawing detail D2)	sq.m	3.84									
1042(3)	Double Leaf Solid Core Panel Door with Viewing Window, Transom and Kick Plate with complete accessories and frames with door closer (see drawing detail D4, D5), with frame glass wall	sq.m.	7.05									
1042(3)a	Double Leaf Solid Core Panel Door with Viewing Window and Kick Plate with complete accessories and frames with double action door closer (see drawing detail D3	sq.m.	3.84									
1010(2)b	Wooden Glass Frame Sliding Door in Narra Wood Design with Fixed Glass Wall with complete accessories and frames (see drawing detail D6)	sq.m.	8.82									
1010(2)c	Single Leaf Wooden Glass Frame Door in Narra Wood design withfixed glass wall in complete accessories and frames with door closer (see drawing detail D7)	sq.m.	8.63									
1010(2)d	Single Leaf Solid Core Panel Door with Viewing Window with Fixed Glass Wall with complete accessories and frames with door closer(see drawing detail D8, D9, D10)	sq.m	13.89									
1010(2)e	Uneven Double Leaf Solid Core Panel Door with Viewing Window with complete accessories and frames with double action door closer (see drawing detail D11)	sq.m	8.87									
1010(2)f	Single Leaf Solid Core Panel Door with Viewing Window with complete accessories and frames with door closer (see drawing detail D12, D13)	sq.m	21.55									
1006(5)	Fire Rated Fire Exit Steel Door (Single Leaf Steel Panic Door) with complete accessories and frames with door closer (see drawing detail D14)	sq.m.	10.75									
1010(2)g	Single Leaf Louvered Panel Door (Rest Room Door) with complete accessories and frames (see drawing detail D15, D16, D17)	sq.m.	18.95									

1010(2)h	Single Leaf Panel Door with frame with complete accessories and frames(see drawing detail D18)	sq.m	1.89									
1011(1)	Single Leaf Steel Panel Door with frame with complete accessories and frames(see drawing detail D19)	sq m	1.94									
1010(2)i	Singe Leaf Louvered Panel Door (Electrical Room Dooor) with complete accessories and frames (see drawing detail D20)	sq.m	17.46									
F. WINDOWS												
1012(2)	Tempered Glass Window (6mm Thk.) with complete accessories and frames (see drawing detail CW1)	sq.m	100.79									
1008	Aluminum Glass Window (Sliding/Casement/Awning/Fixed Type) Powder Coated White Finish Aluminum Glass Window (¼" Thk. Clear Glass) with complete accessories and frames see drawing detail WW1, WW2 WW3, WW4 W1,W2,W3,W4,W5,W6,W7 W8,W9 W10,W11,W12 W13, W14,W15,W16)	sq.m.	285.86									
1006	50mmx75mm Steel Louvered Window	sq m.	2.40									
1006(1)	1"x1" Steel Tubing Window	sq m.	2.70									
G. FINISHING AND OTHER CIVIL WORKS												
1032(2)	Varnishing (Stair Railings)	sq.m.	92.05									
1032(1)d	Painting Works (Fibercement Brd.)	sq.m	484.70									
1026(2)	Sand Wash Floor Finished	sq m	172.40									
1021(3)c	Clear Concrete Hardener/Dustproofer	sq m	402.70									
1021(3)b	Smooth trowelled Finished	sq.m.	362.70									
1018(5)b	60cmx60cm Ceramic Counter Top Finish	sq.m.	3.20									
1018(4)	Homogeneous Textures Granite Tiles	sq.m.	149.50									
1018(2)	60cmx60cm Unglazed Tiles	sq m.	59.70									
1032(1)e	Painting Works Metal	l.s.	1.00									
1039(1)	Aluminum Composite Panel	sq.m	282.23									

1027(1)	Cement Plaster Finish	sq.m.	3,452.07									
1032(1)a	Painting Works (Masonry/ Concrete)	sq.m.	3,452.07									
1032(1)b	Painting Works Wood Stain Finish	sq.m	477.00									
1045(3)	Spandrel Ceiling Panels on Metal Frames	sq.m.	135.05									
1045(2)	PVC Ceiling Panels on Metal Frames	l.s.	17.20									
1038(2)	25mm thick PU Insulation	sq.m.	637.23									
1014	0.5mm thick Pre-painted Rib Type long span Metal Sheet Roofing	sq.m.	637.20									
1018(3)	60cmx60cm Homogeneous Glazed (Synthetic) Granite Tiles	sq.m.	296.90									
1016(1)b	Liquid Water Proofing (non cementitous)	sq.m.	213.00									
1047(2)a	Structural Steel Purlins	kgs	9,557.00									
1047(5)	Metal Structure Accessories (Steel Plates 500mmx200mmx16mm thick)	kgs	398.16									
1047(3)b	Metal Structure Accessories/ Sagrods (12mm diameter x 5.5m length)Plain bar with nuts and washers	pcs	110.00									
1047(3)a	Metal Structure (Anchor Bolts)	pc	292.00									
1047(2)b	Structural Steel Roof Truss	kgs	14,450.12									
1047(3)c	Metal Structure Accessories (Turnbuckle) 16mm diameter	pcs	60.00									
1052(6)	Structural Steel Sheet Piles, furnished	m	20.00									
1052(12)	Structural Steel Sheet Piles, driven	m	20.00									
1018(a)	60cmx60cmx4mm Glazed Tiles	sq.m	116.80									
1016(1)c	Foodgrade Liquid Waterproofing	sq.m	28.00									
1013(2)c	Fabricated Metal Proofing Accessories (Gutter)	l.m	73.40									
1046(1)a1	100mm CHB Non Load Bearing/Load Bearing (including Reinforcing Steel)	sq.m.	1,123.37									
1046(1)a2	150mm CHB Non Load Bearing/Load Bearing (including Reinforcing Steel)	sq.m.	734.73									

1013(2)	Fabricated Metal roofing Accessories (ridge/fascia/endwall flashing/end cap flashing)	l.m	185.90									
1004(b)	Stair Strips (heavy duty embedded) non-slip	l.m	84.80									
1004(a)	Stair Nosing Aluminum angle non-slip	l.m	299.20									
1003(18)	Toilet Phenolic Partition	sq.m	25.58									
1003(2)l	Door Aluminum Threshold	l.m	12.00									
1003(g)	Carpentry Ceiling Works (6mm thk marine plywood on wooden frames)	sq.m	385.65									
1003(1)a3	Fascia (12mm thick Fiber Cement on Metal Frames)	sq.m	19.70									
1003(1)a1	Ceiling (4.5mm thick Fiber Cement on Metal Frames)	sq.m	372.98									
1003(a)	Carpentry and Joinery works (at Utility Area and 2"x4"x 57.65 s4s Tangule (or equal) wood plank stair handrails)	sq.m	10.20									
1002(d)	Stainless Steel (ss202 2"x2"x2"2") angle and 2"x2"x5mm angle bar combination(Stair handrails)	sq.m.	69.50									
1002(b)1	Stainless Steel (ss304).40mm dia Stairs handrail	l.m	296.43									
1002(22)	Stainless Steel Grab Bar, 40mm dia.(PWD)	l.m	2.95									
1002(21)	Frameless Facial Mirror	sqm	7.04									
1002(13)	Countertop and Sink with under cabinet with complete Accessories	set	7.40									
1034(1)b	Damp Proofing (Polyethylene Sheet)	sq.m.	471.00									
1000(1)	Soil Treatment	liter	52.73									
603	Signage (Stainles Steel 1.5 mm thick)	ls	1.00									
H. ELECTRICAL												
1101(1)a	1.5mm2 - 5.5mm2 Electric Wire (TW/THHN/TWHN2)	m	8,166.00									
1100(1)b	32mmØ - 40mmØ Intermediate Metal Conduit(IMC)	length	17.00									
1103 (1)	Lighting Fixtures	pcs	767.00									
1102 (1)	Panel Boards with Main Breaker/Branches MDP 1000AT, 3P, 230V	set	1.00									

1102 (1)a	Panel Boards with Main Breaker/Branches, LPGF Main: 150AT, 3P, 230V	set	1.00									
1102 (1)b	Panel Boards with Main Breaker/Branches, LP3F Main: 100AT, 3P, 230V	set	1.00									
1102 (1)c	Panel Boards with Main Breaker/Branches, PPGF Main 150AT, 3P, 230V	set	1.00									
1102 (1)d	Panel Boards with Main Breaker/Branches MPGF Main: 200AT, 3P, 230V	set	1.00									
1102 (1)e	Panel Boards with Main Breaker/Branches, PP2F Main: 150AT, 3P, 230V	set	1.00									
1102 (1)f	Panel Boards with Main Breaker/Branches, PP3F Main: 150AT 3P 230V	set	1.00									
1102 (1)h	Main Circuit Breaker (MCB), Main: 1250A, 3P 230VAC	set	1.00									
1101(21)	Simplex/Duplex Universal Convenience Outlet Duplex Universal Floor Recessed Convenience Outlet, Duplex Universal Weatherproof Convenience Outlet	pcs	218.00									
1102(18)	Service Entrance First private pole and Concrete Pedestal; including all necessary accessories complete as specified and as shown on electrical drawings	lot	1.00									
1101(33)	Switches	pcs	65.00									
1101(1)e	150.00mm2 - 250mm2 Electric Wire (TW/THHN/TWHN2)	m	140.00									
1101(2)e	80.00mm2 - 125mm2 Electric Wire (TW/THHN/TWHN2)	m	30.00									
1101(1)d	50.00mm2 - 60mm2 Electric Wire (TW/THHN/TWHN2)	m	72.00									
1101(1)c	30.0mm2 - 38mm2 Electric Wire (TW/THHN/TWHN2)	m	105.00									
1101(1)b	8.0mm2 - 22mm2 Electric Wire (TW/THHN/TWHN2)	m	429.00									
1100(1)a	15mmØ 25mmØ Intermediate Metal Conduit(IMC)	length	20.00									
1100(1)c	50mmØ - 65mmØ Intermediate Metal Conduit(IMC)	length	13.00									
1100(1)d	Cable Ladder	pcs	5.00									
1100(6)	15mmØ - 32mmØ Polyvinyl Chloride (PVC) Pipes	length	917.00									
I. FIRE PROTECTION												
1202(2)	Fire Pump with complete control and standard accessories	set	1.00									

1202(3)	Jockey Pump with complete control and standard accessories	set	1.00									
1202(1)	Sprinkler Head, upright/pendent/wall	pc	108.00									
1202(1)a	Alarm Check Valve/Gate Valve/Flow Meter/OS&Y Gate Valve 175psi/Pressure Gauge/Pressure Relief Valve/Floor Control Valve/Inspector Test Valve/Inspector Test Connection/Mechanical Coupling/Flexible Connector - Complete Assembly as required by the code	ls	1.00									
1202(1)b	25mmØ - 50mm Ø Black Iron Pipe and Fittings	length	74.00									
1202(1)c	65mmØ - 150mm Ø Black Iron Pipe and Fittings	length	21.00									
1202(1)d	Fittings (90deg Elbow/Tee/Bell Reducer/Blind Flange/Slip Flange/Reser Nipple/Threadolet/Pipe Cap/Pipe Sleeves/Hangers/Supports/etc.)	ls	1.00									
1202(1)e	Hangers/Supports	ls	1.00									
1202(7)	Fire Department Connection 100 mm Ø (Storz Ø) 65mmØ with Cap & Chain	set	1.00									
1202(5)	Fire Hose Cabinet	set	6.00									
1202(a1)	Fire Extinguisher	set	43.00									
J. PLUMBING AND SANITARY WORKS												
1002 (5)	Water Closet / Urinal with Complete Accessories	set	12.00									
1002 (11)	Kitchen Sink/Scrub Up Sink/Slope Sink with Complete Accessories	set	1.00									
1002 (14)	Wall Hung/Countertop/Under Counter LAVATORY with Complete Accessories	set	12.00									
1002 (16)	Floor Drain / Roof Drain	set	35.00									
1002(6)	Soap Holder (Toilet Soap/Liquid Soap)	set	10.00									
1002(7)	Elevated Water Tank (2-5,000 Liters)	set	2.00									
1002(8)	Water Pump complete with accessories	set	2.00									
1002(5)a	Toilet Tissue Holder/Dispenser	set	10.00									
1002(17)	Bidet/Faucet/Hose Bibb	set	23.00									

1002(19)	Shower Head/Shower Valve	set	10.00									
1002(20)	Water Meter/Check Valve/Gate Valve/Float Valve	pcs	35.00									
1001 (5)	Catch Basin (Concrete/CHB)	set	9.00									
1002(2)a	20mmØ - 50mmØ Polypropylene Random Copolymer (PPR-C) Pipe and Fittings, PN20	pcs	47.00									
1002(3)	Polypropylene Random Copolymer (PPR-C) Fittings - (all fittings necessary to complete the works to its intended purposes)	ls	1.00									
1001 (1)a	50mmØ - 100mmØ PVC Pipe and Fittings, Series 1000	m	348.00									
1001 (1)b	PVC Fittings, Series 1000	ls	1.00									
1002 (3)a	13mmØ - 50mmØ PVC Pipe and Fittings, Blue (Air Con Condensate Pipe with insulation)	m	153.00									
1202(1)f	Grease Trap	s	1.00									
K. MECHANICAL WORKS												
1200(13)a	Air Conditioning and Refrigeration System	set	9.00									
1200(13)b	Exhaust Fan (including duct works)	set	9.00									
1200(13)c	Gas Supply System (complete with accessories)	lot	1.00									
L. ECE WORKS												
1104 (1)	Duplex/Simplex Data Outlets / Telephone Outlets	pcs	27.00									
1104 (1)a	CCTV with DVR Assembly - complete accessories	pcs	21.00									
1100(9)	PVC/RSC/IMC/EMT Conduit Fittings including Junction Box/Pull Box/Utility Box/Square Box	ls	1.00									
1105(3)	15mmØ - 20mmØ Polyvinyl Chloride (PVC) Pipes and fittings	length	485.00									
1104 (1)b	MDF/IDF Assembly	lot	1.00									
1104 (1)c	Speaker/Projector/HDMI Outlet/Wall Cable TV Outlet	pcs	5.00									
1104 (2)	Smoke Detector (Ceiling/Wall Mounted)/Heat Detector	pcs	28.00									
1104 (2)a	FACP/Horn Strobe/manual Pull Station	pcs	7.00									
1105 (1)	UTP Cable CAT 6	m	1,486.00									
1105 (2)	TF Wire	m	200.00									