SCOPE OF WORKS

ITEM NO.	PROGRAM OF WORKS	QTY	UNIT	ESTIMATE DIRECT COST	ESTIMATE DIRECT COST		TOTAL MARK-UP	VALUE = 5x8	VAT = 5% x (5+9)	TOTAL INDIRECT COST	TOTAL COST = 5+11	UNIT COST = 12/3
					OCM	PROFIT	%					
1	2	3	4	5	6	7	8	9	10	11	12	13
A. GENERAL REQUIREMENTS												
A.1.1	Permits and Clearances (including Legworks, Payments, Processing, Signing, Sealing and Designing Analysis for Geodetic, Structural, Electrical, Plumbing, Fire Protection, Mechanical, and Electronics)	1.00	l.s.	P	P	P	P	P	P	P	P	P
A.1.2	Facilities for Engineers (Field Office in Convan, 3 pcs Office Table, 3 pcs Office chairs, 1 Laptop, 1 Printer, and 1 Aircon Unit)	1.00	l.s.	P	P	P	P	P	P	P	P	P
A.1.3	Maintenance and Operating Expenses for Temporary Facilities	1.00	l.s.	P	P	P	P	P	P	P	P	P
B.9	Mobilization and Demobilization (including G.I. Sheet Rib - Type Board - Up)	1.00	l.s.	P	P	P	P	P	P	P	P	P
B.7	Occupational Safety and Health	1.00	l.s.	P	P	P	P	P	P	P	P	P
B.5	Project Billboard	2.00	each	P	P	P	P	P	P	P	P	P
B. EARTHWORKS												
803(1)a	Structure Excavation(common soil)	95.40	cu.m.	P	P	P	P	P	P	P	P	P
804(1)b	Embankment from Common Borrow by Equipment	517.39	cu.m	P	P	P	P	P	P	P	P	P
1000(1)	Soil Poisoning	71.00	Liters	P	P	P	P	P	P	P	P	P

C. TEMPORARY ACCESS ROAD												
1708(1)	Aggregate Base Course	35.94	cu.m	P	P	P	P	P	P	P	P	P
D. STRUCTURAL WORKS												
901(1)	Lean Concrete	65.00	cu.m.	P	P	P	P	P	P	P	P	P
902(1)b	Reinforcing Steel of Reinforced Concrete Structures (Deformed)	147,480.12	kgs	P	P	P	P	P	P	P	P	P
903(2)	Formworks and Falseworks	3,887.03	sq.m.	P	P	P	P	P	P	P	P	P
900(1)a1	Structural Concrete	607.91	cu.m.	P	P	P	P	P	P	P	P	P
1052(14)	Pre-cast Concrete Piles, Driven (400mm x 400mm- Type A) soft strata	1,840.00	l.m	P	P	P	P	P	P	P	P	P
1052(5)a	Precast, Prestressed Concrete Piles, furnished (400mmx400mm)	1,840.00	l.m	P	P	P	P	P	P	P	P	P
1052(16)	Test Piles, Furnished and Driven (400mm x 400mm- Type A) soft strata	20.00	l.m	P	P	P	P	P	P	P	P	P
1047(2)a	Structural Steel Trusses, Purlins, Sagrods	861.33	kg	P	P	P	P	P	P	P	P	P
E. ARCHITECTURAL WORKS												
1014	0.5mm thick Pre-painted Rib Type long span Metal Sheet Roofing	35.00	sq.m.	P	P	P	P	P	P	P	P	P
1046(3)	Drywall Partition on Metal Studs and 6mm thick Ficemboard	54.00	sq.m.	P	P	P	P	P	P	P	P	P
1013(2)	Fabricated Metal roofing Accesssories (ridge/fascia/endwall flashing/end cap flashing)	49.80	l.m	P	P	P	P	P	P	P	P	P
1046(1)	150mm thk. CHB Non-Load Bearing for Exterior Walls (including reinforcing steel)	952.26	sq.m	P	P	P	P	P	P	P	P	P
1046(2)	100mm thk. CHB Non-Load Bearing for Interior Walls (including reinforcing steel)	675.84	sq.m	P	P	P	P	P	P	P	P	P
1027	Cement Plaster Finish 1/2"thk Plain cement plastering both faces	3,256.20	sq.m.	P	P	P	P	P	P	P	P	P

1003(1)	Ceiling (4.5mm thick Fiber Cement on Metal Frames)	243.55	sq.m.	P	P	P	P	P	P	P	P	P
1032(1)a	Painting Works (masonry walls)	3,256.20	sq.m.	P	P	P	P	P	P	P	P	P
1032(1)b	Painting Works (Metal painting)	265.00	sq.m.	P	P	P	P	P	P	P	P	P
1016(1)b	Liquid Water Proofing (CEMENTITIOUS)	622.67	sq.m.	P	P	P	P	P	P	P	P	P
1016(1)b1	Liquid Water Proofing (FOOD GRADE)	45.40	sq.m.	P	P	P	P	P	P	P	P	P
1032(1)c	Painting Works (Fibercement Board)	351.55	sq.m.	P	P	P	P	P	P	P	P	P
1004(b)	Stair Strips (heavy duty embedded), non-slip	52.00	l.m	P	P	P	P	P	P	P	P	P
1021(3)b	Smooth Trowelled Finished Concrete Flooring	1,227.00	sq.m.	P	P	P	P	P	P	P	P	P
1026(1)	Doors (steel door and jambs)	87.32	sq.m.	P	P	P	P	P	P	P	P	P
1018(8)	Countertop with Complete Accessories	15.30	sq.m.	P	P	P	P	P	P	P	P	P
1002(29)	Metal Works for Hallway & Stair Railings and Stair Louvers (Stainless Steel, Square Tube, Flat Bar)	271.00	length	P	P	P	P	P	P	P	P	P
1003(18)	HPL Toilet Phenolic Partition (including accessories to complete)	131.10	sq.m.	P	P	P	P	P	P	P	P	P
1002(18)	Stainless Steel Grab Bar, 40mm diameter	12.00	l.m	P	P	P	P	P	P	P	P	P
1012(7)	Glass and Glazing in Powder Coated Aluminum Frames combination of Fixed and Awning Windows	85.20	sq.m.	P	P	P	P	P	P	P	P	P
1032(8)b	Fair-faced/rubbed concrete finished-painted	839.16	sq.m	P	P	P	P	P	P	P	P	P
1004(2)	Finishing Hardwares (handles,hinges,latches & other items to complete)	1.00	l.s	P	P	P	P	P	P	P	P	P
1034(1)b	Damp Proofing (Polythylene Sheet)	495.00	sq.m	P	P	P	P	P	P	P	P	P
1018	(FF-3) 600X600 NON-SKID CERAMIC TILES IN GRAY SHADE	664.50	sq.m	P	P	P	P	P	P	P	P	P

F. ELECTRICAL WORKS

1100(6)	20mmØ to 25mmØ Polyvinyl Chloride (PVC) Pipes	745.00	length	P	P	P	P	P	P	P	P	P
1100(7)	40mmØ to 63mmØ Polyvinyl Chloride (PVC) Pipes	27.00	length	P	P	P	P	P	P	P	P	P
1101(6)a	65mmØ Intermediate Metal Conduit (IMC)	3.00	length	P	P	P	P	P	P	P	P	P
1100(1)	Cable Tray	28.00	l.s	P	P	P	P	P	P	P	P	P
1100(9)	PVC/RSC/IMC/EMT Conduit Fittings	1.00	l.s	P	P	P	P	P	P	P	P	P
1100(11)	Junction/ Utility/ Pull/ Square Box	1.00	l.s	P	P	P	P	P	P	P	P	P
1101(1)a	3.5 mm² - 5.5 mm² THHN/THWN Stranded Copper Wire	6,572.85	m	P	P	P	P	P	P	P	P	P
1101(1)b	8.0mm2 , 14.0mm2, and 14.0mm2 THHN/THWN Stranded Copper Wire	447.00	m	P	P	P	P	P	P	P	P	P
1101(1)c	60.0 mm² THHN/THWN Stranded Copper Wire	18.00	m	P	P	P	P	P	P	P	P	P
1101(1)d	80.0 mm², 100 mm², and 125mm² THHN/THWN Stranded Copper Wire	675.00	m	P	P	P	P	P	P	P	P	P
1102(1)	DBP (Distribution Panel Board) w/ Main Breaker and Branches, 600AT	1.00	set	P	P	P	P	P	P	P	P	P
1102(1)a	Main Circuit Breaker (MCB), 630AT	1.00	set	P	P	P	P	P	P	P	P	P
1102 (1)b	Panel Board with Main Breakers and Branches (PB1, PB2, PB3)	3.00	set	P	P	P	P	P	P	P	P	P
1102 (1)e	Service Entrance, First private pole, XLPE Wires, Concrete Pedestal, including all necessary accessories	1.00	l.s.	P	P	P	P	P	P	P	P	P
1101(15)	Duplex Outlets / Simplex Outlets	133.00	pcs	P	P	P	P	P	P	P	P	P
1101(33)	Switches	38.00	pcs	P	P	P	P	P	P	P	P	P
1103 (1)	Lighting Fixtures (including emergency lights)	227.00	pcs	P	P	P	P	P	P	P	P	P
1109 (4)	Grounding System	1.00	l.s.	P	P	P	P	P	P	P	P	P

G. PLUMBING AND SANITARY WORKS

1001 (1)a	50mmØ - 150mmØ PVC Pipe, Series 1000	941.00	m	P	P	P	P	P	P	P	P	P
1001 (1)b	PVC Fittings, Series 1000	1.00	l.s	P	P	P	P	P	P	P	P	P
1002(2)a	25mmØ - 63mmØ Polyprophylene Random Copolymer (PPR-C) Pipes, PN20	117.00	pcs	P	P	P	P	P	P	P	P	P
1002(2)b	Polyprophylene Random Copolymer (PPR-C) Fittings - (all fittings necessary to complete the works to its intended purposes)	1.00	ls	P	P	P	P	P	P	P	P	P
1002(2)c	Hangers and Support	1.00	ls	P	P	P	P	P	P	P	P	P
1002(21)	Water Meter and Valves (Check / Gate / Foot / Float)	41.00	pcs	P	P	P	P	P	P	P	P	P
1002 (6)	Urinal	9.00	set	P	P	P	P	P	P	P	P	P
1002 (14)	Lavatory with Complete Accessories	12.00	set	P	P	P	P	P	P	P	P	P
1002 (16)	Floor Drain	44.00	set	P	P	P	P	P	P	P	P	P
1002 (16)a	Roof Drain	7.00	set	P	P	P	P	P	P	P	P	P
1002 (16)b	Floor and Ceiling Cleanout	27.00	set	P	P	P	P	P	P	P	P	P
1002(17)	Hose Bibb / Faucet	19.00	set	P	P	P	P	P	P	P	P	P
1002 (5)	Water Closet with Complete Accessories	12.00	set	P	P	P	P	P	P	P	P	P
1002(19)	Shower Head w/ Valve	12.00	set	P	P	P	P	P	P	P	P	P
1002 (20)a	Stainless Steel Water Tank (5,000 Liters)	2.00	set	P	P	P	P	P	P	P	P	P
1002 (23)	Transfer Pumps and Booster Pump with pressure tank, controllers and complete accessories	3.00	set	P	P	P	P	P	P	P	P	P
1001 (5)	Catch Basin	7.00	set	P	P	P	P	P	P	P	P	P
1001 (6)	Septic Tank	1.00	l.s	P	P	P	P	P	P	P	P	P
1001 (7)	Cistern Tank	1.00	l.s.	P	P	P	P	P	P	P	P	P

H. ELECTRONIC WORKS

1105(3)	20mmØ - 32mmØ Polyvinyl Chloride (PVC) Pipes	422.00	length	P	P	P	P	P	P	P	P	P
1105(4)	63mmØ Polyvinyl Chloride (PVC) Pipes	20.00	length	P	P	P	P	P	P	P	P	P
1100(9)a	PVC/RSC/IMC/EMT Conduit Fittings	1.00	ls	P	P	P	P	P	P	P	P	P
1100(9)b	Junction/ Utility/ Pull/ Square Box	1.00	l.s.	P	P	P	P	P	P	P	P	P
1105 (2)	TF Wire	271.00	m	P	P	P	P	P	P	P	P	P
1104 (2)	Smoke Detector (Ceiling Mounted)	19.00	pcs	P	P	P	P	P	P	P	P	P
1104 (2)a	FACP/Horn Strobe/manual Pull Station	7.00	pcs	P	P	P	P	P	P	P	P	P
OVER TOTAL				P	P	P	P	P	P	P	P	P