

BILL OF QUANTITIES

Project Title: Proposed Construction of NMIS RTOC VIII Administrative Building
Location: Palo, Leyte

ITEM	DESCRIPTION	UNIT	QTY.	UNIT COST	Total Cost
I	PRELIMINARIES				
	Mobilization/Demobilization	lot	1.00		
	Temporary Facilities	lot	1.00		
	Health & Safety	lot	1.00		
	Permits, Licenses & Material Testing	lot	1.00		
	Project Billboard	lot	1.00		
				Total Cost:	
II	CIVIL WORKS				
	Site Clearing, Layout & Staking	m2	741.15		
	Demolition and Disposal (old building)	lot	1.00		
	Excavation	m ³	329.47		
	Backfill (Selected Borrow)	m ³	676.44		
	Gravel Bedding	m2	109.28		
	Soil Poisoning	m2	328.74		
	Damp Proofing (Polyethylene Sheet 0.15mm thk)	m2	303.72		
				Materials Cost:	
				Labor cost:	
III	STRUCTURAL WORKS				
	FOOTING				
	Ready-Mix Concrete (4000 psi @ 28 days)	m3	26.05		
	Reinforcing Steel Bars (grade 60)	kg	1,094.41		
	#16 Tie Wire	kg	7.00		
	WALL FOOTING				
	Ready-Mix Concrete (4000 psi @ 28 days)	m3	7.51		
	Reinforcing Steel Bars (grade 60)	kg	568.14		
C		kg	12.00		
	FTB				
	Ready-Mix Concrete (4000 psi @ 28 days)	m3	19.54		
	Reinforcing Steel Bars (grade 60)	kg	4,128.00		
	#16 Tie Wire	kg	41.85		
	SOG				
	Ready-Mix Concrete (3000 psi @ 28 days)	m3	31.97		
	Reinforcing Steel Bars (grade 40)	kg	1,618.00		
D		kg	25.00		
	COLUMN				
	Ready-Mix Concrete (4000 psi @ 28 days)	m3	38.10		
	Reinforcing Steel Bars (grade 60)	kg	17,458.29		
	#16 Tie Wire	kg	189.51		
	S-SLAB				
	Ready-Mix Concrete (4000 psi @ 28 days)	m3	54.32		
	Reinforcing Steel Bars (grade 60)	kg	4,332.89		
E		kg	50.03		
	BEAMS & GIRDERS				
	Ready-Mix Concrete (4000 psi @ 28 days)	m3	53.00		
	Reinforcing Steel Bars (grade 60)	kg	16,593.23		
	#16 Tie Wire	kg	291.82		
	STAIRS, PWD RAMP				
	Ready-Mix Concrete (3000 psi)	m3	29.20		
	Reinforcing Steel Bars (grade 40)	kg	1,614.28		
F		kg	30.00		
	CANOPY				
	Ready-Mix Concrete (3000 psi)	m3	1.91		
	Reinforcing Steel Bars (grade 40)	kg	241.63		
	#16 Tie Wire	kg	3.18		
	SEPTIC TANK				

ITEM	DESCRIPTION	UNIT	QTY.	UNIT COST	Total Cost
	Ready-Mix Concrete (3000 psi)	m3	4.64		
	Reinforcing Steel Bars (grade 40)	kg	194.15		
IV	#16 Tie Wire	kg	5.05		
				Materials Cost:	
				Labor cost:	
	STRUCTURAL STEEL				
	3"x 3"x 1/4" Angle Bar	pcs	126.00		
	3-1/2"x 3-1/2"x 1/2" Angle Bar	pcs	17.00		
	2-1/2"x 2-1/2"x 1/4" Angle Bar	pcs	6.00		
	2" x 2"x 1/4" Angle Bar	pcs	171.00		
	2" x 2"x 3/8" Angle Bar	pcs	40.00		
	1-1/2" x 1-1/2"x 1/4"	pcs	36.00		
	32mm dia Rod with Turnbuckle	pcs	2.00		
	3" GI Pipe	pcs	2.00		
	2" GI Pipe	pcs	6.00		
	4'x8'x3mm thk checkered plate	shts	3.00		
	GA #15x50x150x150 G.I C-PURLINS	pcs	111.00		
	5/8"x8"x2" xAnchor Bolts w/ nuts & washer	pcs	192.00		
	12mm sag rod	pcs	18.00		
	Gusset Plate	shts	6.00		
	Consumbles (canopy)	lot	1.00		
				Materials Cost:	
				Labor&Equipment Cost:	
	ROOFING				
	GA 24 Prepainted Longspan Ribtype Roofing	m2	394.02		
	10mm thk double sided Polyethylene Foam Dual Face Aluminized	roll	5.00		
	Chicken Wire Mesh	roll	7.00		
	Tekscrew	pcs	1,000.00		
	Prepainted Ridge Roll	pcs	36.00		
	600mm Prepainted Gutter	pcs	36.00		
	Blind Rivet	pcs	1,500.00		
				Materials Cost:	
				Labor cost:	
V	CARPENTRY WORKS (FORMWORKS,SCAFFOLDING&STAGING)				
	1/2"x4'x8' Ordinary Plywood	sht.	250.00		
	2"x3" x10' Rough Lumber	pcs	3,500.00		
	#2 1/2 Common Wire Nails	kg	60.00		
	#1 Common Wire Nails	kg	25.00		
	#4 Finishing Nails	kg	65.00		
				Materials Cost:	
				Labor cost:	
VI	CATCH BASIN	pcs	14.00		
	LINE CANAL				
	Portland Cement	bags	145.00		
	Sand	m ³	10.00		
	Gravel	m ³	20.00		
	Reinforcing Bars	kg	475.00		
	#16 tie wire	kg	6.00		
	1-1/2"x 1-1/2"x 1/4"x6m Angle Bar	pcs	20.00		
	1"x1/4"x6m thk flat bar	pcs	95.00		
	Consumables	lot	1.00		
				Total Cost:	
VII	MASONRY WORKS				
	6" CHB	pcs	5,820.00		
	4" CHB	pcs	8,588.00		
	Portland Cement	bgs	796.00		
	Sand	m3	65.00		
	Reinforcing Bars	kg	2,935.00		
	#16 tie wire	kg	50.00		
				Materials Cost:	
				Labor cost:	
VIII	PLASTERING				
	Portland Cement	bgs	1,071.00		
	Sand	m3	64.00		

ITEM	DESCRIPTION	UNIT	QTY.	UNIT COST	Total Cost
				Materials Cost:	
				Labor cost:	
X	ARCHITECTURAL WORKS				
A					
	DOORS AND WINDOWS (includes installation)				
	D1 - Double Swing Glass Door with Aluminum Powder coated Framing (top and bottom), 2.10m H x 2.10m W with 10mm thk. Green Tinted Tempered Glass complete with accessories and fittings	set	1.00		
	D2 - Wooden Swing Flush Door, 2.10m H x 1.05m W with 10mm thk. Fixed Tempered Glass complete with accessories and fittings	set	8.00		
	D3 - Wooden Swing Flush Door, 2.10m H x 0.85m W complete with accessories and fittings	set	5.00		
	D4 -Steel Flush Swing Door with louvers, 2.10m H x 1.05m W complete with accessories and fittings	set	4.00		
	D5 - PVC Door with Louvers and complete accessories and fittings, 2.10m H x 0.95m W	set	6.00		
	D6 - PVC Door with Louvers and complete accessories and fittings, 2.10m H x 0.65m W	set	7.00		
	D7 - Wooden Swing Flush Door, 2.10m H x 1.05m W complete with accessories and fittings	set	4.00		
	D8 - Double Swing Glass Door with Aluminum Powder coated Framing (top and bottom), 2.10m H x 1.70m W with 10mm thk. Green Tinted Tempered Glass complete with accessories and fittings	set	1.00		
	D9 - Double Swing Glass Door with Aluminum Powder coated Framing (top and bottom), 2.10m H x 1.50m W with 10mm thk. Green Tinted Tempered Glass complete with accessories and fittings	set	1.00		
	D10 - Double Swing Steel Flush Door with louvers, 1.50m H x 0.90m W complete with accessories and fittings	set	1.00		
	W1 - Sliding Glass Window with Aluminum Powder Coated Framing, 10mm thk. Green Tinted Tempered glass and screen , 1.60m W x 1.20m H	set	9.00		
	W2 - Sliding Glass Window with Aluminum Powder Coated Framing, 10mm thk. Green Tinted Tempered glass and screen , 1.20m W x 1.20m H	set	15.00		
	W3 - Fixed Glass Window with Aluminum Powder Coated Framing with 10mm thk. Green Tinted Tempered Clear Glass, 1.20m W x 1.20m H	set	4.00		
	W4 - Awning Glass Window, 0.60m H x 0.60m W with fixed window, 0.60m W x 0.60m H in Aluminum Powder Coated Framing with 10mm thk. Tempered Clear Glass and screen	set	1.00		
	W5 - Awning Glass Window, 0.50m H x 1.00m W in Aluminum Powder Coated Framing with 10mm thk. Tempered Clear Glass and screen	set	6.00		
	W6 - Awning Glass Window, 0.50m H x 0.50m W in Aluminum Powder Coated Framing with 10mm thk. Tempered Clear Glass and screen	set	9.00		
	W7 - 10mm thk. Green Tinted Tempered Fixed Glass with Awning Windows in Aluminum Powder Coated Framing, 3.35m H x 2.85m W, 2 sets	m ²	19.10		
	W8 - 10mm thk. Green Tinted Tempered Fixed Glass with Awning Windows in Aluminum Powder Coated Framing, 3.35m H x 4.55m W, 2 sets	m ²	30.48		
	W9 - 10mm thk. Green Tinted Tempered Fixed Glass with Awning Windows in Aluminum Powder Coated Framing, 3.35m H x 2.70m W, 2 sets	m ²	18.09		
	W10 - 10mm thk. Green Tinted Tempered Fixed Glass with Awning Windows in Aluminum Powder Coated Framing, 3.35m H x 2.98m W, 1 sets	m ²	9.98		
	W11 - 10mm thk. Green Tinted Tempered Fixed Glass with Awning Windows in Aluminum Powder Coated Framing, 1.45m H x 2.85m W, 1 sets	m ²	4.13		
	W12 - Awning Glass Window, 0.50m H x 1.00m W in Aluminum Powder Coated Framing with 10mm thk. Tempered Clear Glass and screen	set	1.00		

ITEM	DESCRIPTION	UNIT	QTY.	UNIT COST	Total Cost
B				Subtotal:	
	PAINTING WORKS				
	Interior Walls, Columns, Beams				
B.1	First Coating				
B.2	Skimcoat	pail	12.00		
	Second Coating				
	Primer Paint, Flat Latex	pail	5.00		
	Spot Putty, Masonry Putty	pail	5.00		
	Finishing (2 coatings)				
	Top Coat, Latex Paint	pail	18.00		
	Exterior Walls				
	First Coating				
	Skimcoat	pail	10.00		
	Primer (Elastomeric Paint)	pail	5.00		
	Second Coating				
	Masonry Full Putty	pail	4.00		
	Finishing (2 coatings)				
	Elastomeric Paint	pail	18.00		
	Ceiling				
B.3	Primer, Flat Latex Paint	pail	6.00		
	Full putty	pail	6.00		
	Top Coat (Semi-gloss Latex Paint, 2 coats)	pail	18.00		
	Miscellaneous				
B.4	Roller Brush, 7"	pcs	6.00		
	Roller Brush Pan	pcs	6.00		
	Baby roller brush	pcs	6.00		
	Sand Paper #120	pcs	400.00		
	Paint Brush, 4"	pcs	4.00		
	Paint Brush, 2"	pcs	4.00		
	Rugs	kls	40.00		
	Palette	pairs	6.00		
				Materials Cost:	
C				Labor cost:	
				Equipment Rental:	
	CEILING WORKS				
	Interior Ceiling				
	Carrying Channel 12mm x 38mm x 5m, t=0.80mm spaced @ every 1.20m O.C., BPS Cert.	pcs	105.00		
	Furring Channel, 19mm x 50mm x 5m, t=0.40mm spaced @ every 0.60m O.C., BPS Cert.	pcs	185.00		
	Wall angle, 25mm x 25mm x 0.4mm thk x 3m, t=0.40mm	pcs	120.00		
	W-Clip, double	pcs	870.00		
	Blind Rivets, 1/8 x 3/8 (4-4)	pcs	1,823.00		
D	G.I Wire No. 8	lm	445.00		
	Suspension Clip and Rod Joiner	set	445.00		
	Concrete Nails, 1"	kls	6.00		
	9mm x 4' x 8' Gypsum Board	pcs	190.00		
	Gypsum Screw, 1 1/2"	pcs	5,700.00		
	Jointing Compound	bags	40.00		
	Gypsum Tape	pcs	20.00		
	Roof Eves				
	Spandrel Ceiling, Rib-type, 0.60mm thk.	m ²	105.00		
	Carrying Channel 12mm x 38mm x 5m, t=0.80mm spaced @ every 1.20m O.C., BPS Cert.	pcs	21.00		
	Furring Channel, 19mm x 50mm x 5m, t=0.40mm spaced @ every 0.60m O.C., BPS Cert.	pcs	38.00		
	W-Clip, double	pcs	371.00		
	Blind Rivets, 1/8 x 3/8 (4-4)	pcs	371.00		
	Consumables	l.s.	1.00		
				Materials Cost:	
D.1				Labor cost:	
				Equipment Rental:	
	TILE WORKS				
D.1	Floor Tiles including Porch and Terrace				
	400mm x 400mm Floor Tiles	pcs	3,280.00		

ITEM	DESCRIPTION	UNIT	QTY.	UNIT COST	Total Cost
D.2	Comfort Rooms				
	300mm x 300mm Floor Tiles	pcs	618.78		
	200mm x 300mm Wall Tiles (Floor to Ceiling)	pcs	5,215.00		
D.3	Miscellaneous				
	Tile Grout	kl	50.00		
	Portland Cement	bags	71.00		
E	Tile Adhesive	bags	90.00		
				Materials Cost:	
				Labor cost:	
				Equipment Rental:	
	STEEL RAILINGS & STAIR NOSING				
	2"x 2mm thk. x 20' Stainless Steel Tube, Seamless Sch. 40	pcs	18.00		
	1 1/2"x 1.5mm thk. X 20' Stainless Steel Tube, Seamless Sch. 40	pcs	8.00		
	SS Welding Rod	kgs	8.00		
	Grinding Disk	pcs	10.00		
	Buffing Disk	pcs	10.00		
	Brass Stair Nosing, 1 1/2" x 20'	pcs	9.00		
	Consumables	l.s.	1.00		
				Materials Cost:	
				Labor cost:	
				Equipment Rental:	
	ARCHITECTURAL FINISHES				
	Stone Cladding Panel on all exterior columns and porch entry wall	m ²	140.00		
	6mm thk Aluminum Composite Panel	m ²	173.00		
	2"x6"x20' SUS 304 Seamless Rectangular Tube	pcs	12.00		
	Miscellaneous	lot	1.00		
				Materials Cost:	
				Labor cost:	
				Equipment Rental:	
F	TOILET PARTITIONS				
	Phenolic anti-bacterial water proof Toilet Partition, 12mm thk with back to back HPL Color, includes hinges, Lock Indicator, Bottom Support, door knob and Coat Hook	set	6.00		
	Urinal Divider Panels with complete fittings and accessories	set	4.00		
	PWD HAND RAILS				
	2"x 2mm thk. x 20' Stainless Steel Tube, Seamless Sch. 40	pcs	1.00		
	Consumables	l.s.	1.00		
				Materials Cost:	
				Labor cost:	
G	AIR CONDITIONING UNIT (PACKAGED TYPE), 220V, 1 Phase, 60Hz				
	1.5 HP wall mounted type (inverter)	set	2.00		
	2.0 HP wall mounted type (inverter)	set	6.00		
	2.5 HP wall mounted type (inverter)	set	6.00		
	3.0 HP wall mounted type (inverter)	set	3.00		
	MISCELLANEOUS				
	Refrigerant Piping & accessories				
	Electrical wiring & accessories				
	Bracket, support and hangers				
XI	Enamel paint finished	lot	1.00		
	Drainage & accessories				
	Other materials for installation				
				Materials Cost:	
				Labor cost:	
				Equipment Rental:	
XII	FIRE SUPRESSION AND PROTECTION SYSTEM				
	FIRE DETECTION AND ALARM SYSTEM (ADDRESSABLE TYPE)				

ITEM	DESCRIPTION	UNIT	QTY.	UNIT COST	Total Cost
B	Addressable Fire Alarm Control Panel	assy	1.00		
	With AVR and back-up battery				
	Smoke Detector and heat detector base	pcs	31.00		
	Manual Call Point	pcs	2.00		
	Sounder strobe	pcs	2.00		
	Wires, cables, pipes, conduits and others	lot	1.00		
		FIRE EXTINGUISHER, DRY CHEMICAL	pcs	26.00	
C	Dry chemical, 10 lbs				
	ABC type				
	With complete accessories and hanger				
	FIRE HOSE AND FIRE DEPARTMENT CONNECTION				
	Siamese, twin-type, 75x65x65mm, UL/FM approved	lot	1.00		
	Brass plug and chain and identification plate				
	Paint Primer				
	QDE Paint, Red				
	Other materials for installation				
	Complete piping and fittings				
	Fire hose cabinet with complete accessories	pc	2.00		
	Glass panel door,32"x27"x7", 1x1 aluminum trimming				
	Double jacket fire hose 15mx1-1/2"Ø				
	Angle valve				
	Nozzle				
	Dry chemical fire extinguisher, 10 lbs				
	With complete pipings and fittings				
	International Red Paint, finish				
				Materials Cost:	
				Labor cost:	
				Equipment Rental:	
XIII	PLUMBING WORKS				
A	FIXTURES				
	Water Closet Specs: With complete fittings and accessories	set	13.00		
	Color: Soft Ivory				
	Dual Flush Buttons: Half and Full Mode				
	Grade A anti-scratch ceramic porcelain				
	With water bidet, chrome -type, Hygeinic toilet Hose shower head set, with complete fittings, stainless steel 304 materials				
	Lavatory Specs: With complete fittings and accessories uncluding faucet	set	13.00		
	Dimension: L450 x W390 x H180 mm				
	Faucet Hole: 28 mm				
	Grade A anti-scratch ceramic porcelain				
	Urinal Specs: With complete fittings and accessories	set	5.00		
	Material: Ceramic				
	Dimension: L720 X W440 X H370mm				
	Soap dispenser Specs: Stainless Steel wall mounted	set	7.00		
	Tissue Holder Material: Stainless Steel polished chrome	set	13.00		
	Size: 18cm*9cm*7.5 cm				
	Wall mounted paper towel holder				
	With cellphone holder on the top				
	Towel Holder Material: Stainless Steel polished chrome	set	7.00		
	With shelf and towel bar				
Well-polished surface, no sharp edges					
Wall-mounted towel rack					
Sink Specs: SuS 304, with universal kitchen handle pull down faucet SIZE: Length 68cm x width 44cm x depth 23cm Includes stainless sink strainers	set	4.00			
Faucet SUS304 with complete fittings	set	24.00			
4" x 4" floor drain, stainless	pcs	20.00			
Water Tank with complete accessories and fittings, Sus 304 and 2000 li capacity	set	2.00			
Pressured water tank with complete accessories and fittings (200 li capacity)	pc	1.00			
1 hp motor pump with complete fittings and 1.5 sq. meter pump house	pc	1.00			
Shower Head with complete fittings and accessories (includes hot and cold Facilities)	set	7.00			
PVC Solvent	li	5.00			
Teflon Tape 3/4	rolls	40.00			
B	Waste Pipelines				

ITEM	DESCRIPTION	UNIT	QTY.	UNIT COST	Total Cost
	PVC Sanitary Pipe 100mmø x 3m S1000	length	120.00		
	PVC Sanitary Pipe 75mmø x 3m S1000	length	15.00		
	PVC Sanitary elbow 75mmøx75mmø	pcs	35.00		
	PVC Sanitary elbow 100mm (45 deg)	pcs	60.00		
	PVC Sanitary wye 75mmøx100mmø	pcs	45.00		
	PVC Sanitary wye 100mmøx100mmø	pcs	38.00		
	125mm dia PVC couplings	pcs	66.00		
	100mm dia PVC couplings	pcs	10.00		
	75mm dia PVC couplings	pcs	10.00		
	75mmx75mm p-trap	pcs	20.00		
	100mmø PVC Sanitary Clean Out	pcs	15.00		
C					
	Water Pipelines				
	25mm dia x 3m PVC Pipe	length	30.00		
	3/4" x 3m PVC Pipe	length	25.00		
	1/2"x3m PVC Pipe	length	25.00		
	25mm dia Gate valve	pcs	17.00		
	25mm dia Check valve	pcs	2.00		
	Elbow (PPR)				
	25mmx25mm dia	pcs	2.00		
	1/2"x1/2" dia	pcs	25.00		
	3/4"x1/2" dia	pcs	55.00		
	3/4"x3/4" dia	pcs	15.00		
	1"x3/4" dia	pcs	7.00		
	Tees (PVC)				
	1/2"x3/4" dia	pcs	20.00		
	3/4"x3/4" dia	pcs	10.00		
	3/4"x1" dia	pcs	15.00		
	1"x1" dia	pcs	4.00		
	Coupling (PPR)				
	3/4"x3/4" dia	pcs	15.00		
	25mmx25mm dia	pcs	15.00		
	1/2"x1/2" dia	pcs	15.00		
				Materials Cost:	
				Labor cost:	
XIV A	ELETRICAL WORKS				
	WIRES AND CABLES				
	3.5 mm ² THHN CU WIRE	rolls	30.00		
	5.5 mm ² THHN CU WIRE	rolls	20.00		
	8.0 mm ² THHN CU WIRE	rolls	4.00		
	14 mm ² THHN CU WIRE	rolls	3.00		
	22 mm ² THHNCU WIRE	rolls	3.00		
	50mm ² THHN CU WIRE	mts	120.00		
	60 mm ² THHN CU WIRE	mts	150.00		
	125 mm ² THHN CU WIRE	mts	100.00		
B	CIRCUIT BREAKER AND PANEL BOARD				
	15 AMPERE FUSE	pcs	16.00		
	20 AMPERE FUSE	pcs	20.00		
	30 AMPERE FUSE	pcs	20.00		
	50 AMPERE FUSE	pcs	2.00		
	60 AMPERE FUSE	pcs	2.00		
	80 AMPERE FUSE	pcs	2.00		
	150 AMPERE FUSE 3R ENCLOSURE	pcs	2.00		
	50 AMP FUSE PANEL BOX WITH BUS BAR/8 BRANCH CIRCUIT	sets	2.00		
	80 AMP FUSE PANEL BOX WITH BUS BAR/10 BRANCH CIRCUIT	sets	2.00		
	100 AMP FUSE PANEL BOX WITH BUS BAR/10 BRANCH CIRCUIT	sets	2.00		
	MAIN PANEL BOARD WITH 300 AMPERE FUSE WITH 3R ENCLUSURE WITH 100 AMP FUSE	pcs	1.00		
	MANUAL TRANSFER SWICTH (MTS) ASSEMBLY BOX with 2-300A CB 3P and bus bar.	sets	1.00		
C	WIRING DEVICES AND SWITCHES				
	WALL SWITCH, FLUSH TYPE SINGLE	pcs	21.00		
	WALL SWITCH, FLUSH TYPE 2 GANG	pcs	17.00		
	WALL SWITCH, FLUSH TYPE 3 GANG	pcs	12.00		
	CONVENIENCE OUTLET, 2 GWATER PROOF TYPE	pcs	6.00		
	CONVENIENCE OUTLET, FLUSH TYPE 2 GANG	pcs	87.00		
	SPECIAL ACCU/REF OUTLET, FLUSH TYPE 1 GANG	PCS	22.00		
	20 mmØ CONDUIT PVC PIPE	pcs	400.00		
	25 mmØ CONDUIT PVC PIPE	pcs	250.00		
	50 mmØ CONDUIT PVC PIPE	pcs	30.00		
	65 mmØ CONDUIT PVC PIPE	pcs	25.00		

ITEM	DESCRIPTION	UNIT	QTY.	UNIT COST	Total Cost
D	ELBOW 20 mmØ CONDUIT PIPE	pcs	80.00		
	ELBOW 25 mmØ CONDUIT PIPE	pcs	50.00		
	ELBOW 50 mmØ CONDUIT PIPE	pcs	25.00		
	ELBOW 65 mmØ CONDUIT PIPE	pcs	25.00		
	JUNCTION BOX WITH SCREW	pcs	80.00		
	UTILITY BOX	pcs	175.00		
	LIGHTING FIXTURES, BULBS AND TUBES				
	24"x48", 2X40W ecolum RECESSED TYPE ALUMINUM REFLECTOR, led tube	pcs	26.00		
E	SQUARE VERTICAL DOWNLIGHT RECESSED TYPE WITH PARTIAL FROSTED GLASS, 4", 1X6W DAYLIGHT LED BULB	pcs	20.00		
	VERTICAL DOWNLIGHT RECESSED TYPE WITH FULL FROSTED GLASS, 5", 1X10W DAYLIGHT LED BULB	pcs	55.00		
	VERTICAL DOWNLIGHT SURFACE TYPE WITH FULL FROSTED GLASS, 5", 1X10W DAYLIGHT LED BULB	pcs	8.00		
	CHANDELIER	pcs	1.00		
	LED STRAIGHT FLOURESCENT TUBE 18 WATTS	pcs	52.00		
	LED BULB 10w, DAYLIGHT	pcs	85.00		
	METERING PREPARATION/CONSUMABLES				
	ENTRANCE CAP - 65 mmØ	pcs	1.00		
	RIGID STEEL CONDUIT - 65 mmØ X 3m,	pcs	4.00		
	CONDUIT CLAMP FOR 65 mmØ RSC	pcs	5.00		
	METAL LOCKNUT WITH BUSHING-65 mmØ	pr	3.00		
	ELBOW 90 ° LONG BEND, 65 mmØ	pcs	5.00		
	RSC COUPLING - 65 mmØ	pcs	3.00		
	Pull box 8"x8"x4"	pcs	2.00		
	Electrical Tape	pcs	75.00		
	Machine bolts5/8"x14" and nuts and washer	pcs	16.00		
	Cable Tie 3/8"	pcs	500.00		
	GROUND ROD 5/8" X 10'	pcs	2.00		
	GROUND CLAMP	pcs	2.00		
	SEALING GUM	box	5.00		
	INSTALLATION OF TRANSFORMER, METERING AND POLE				
	TRANSFORMER W/ COMPLETE ACCESSORIES	pcs	1.00		
	APPLICATION, COOP FEES AND PREPARATION	sets	1.00		
	KILOWATT METER	pcs	1.00		
	INSTALLATION AND LABOR	sets	1.00		
	POLE	pcs	1.00		
G					
	GENERATOR				
	50 KVA GENERATOR SILENT TYPE 220V INCLUDES WIRE TO MTS, TESTING AND COMMISIONING.	pcs	1.00		
	EMERGENCY LIGHT	pcs	5.00		
	EXHAUST FAN, 12" x 12"	Pcs	5.00		
H					
	CCTV 6 CAMERA	set	6.00		
	specifications: 8 Channel PoE NVR built-in 8 PoE port , Full HD 1080P HDMI/ VGA video output;80Mbps incoming bandwidth, built-in 8 PoE port , 120w max. PoE output, 2 SATA Up to 4TB per bay 3.5" HD 2×USB 2.0, 4TB-SATA 6 Gb/s / Rotational Speed -IntelliPower / Buffer Size - 64 MB / Form Factor - 3.5 Inch, Surveillance Hard Drives				
	2.0MP IR Dome 1/2.8" Progressive CMOS, ICR, 1920x1080:25fps(P)/30fps(N), 2.8mm/F2.0 lens, H.264+&H.264, IP67,IK10, DWDR, 3D DNR, BLC, IR range: up to 30m, DC12V & PoE,Support mobile monitoring via Hik-Connect or iVMS-450030m; All-metal housing, IP67, IK10; 2.0MP mini IR Bullet 1/2.8" Progressive CMOS, ICR, 1920x1080:25fps(P) /30fps(N), 2.8mm/F2.0 lens, H.264+&H.264, IP67, DWDR, 3D DNR, BLC, IR range: up to 30m, DC12V & PoE,Support mobile monitoring via Hik-Connect or iVMS-4500WITH CONNECTORS 4 x 10/100Mbps Auto-MDIX PoE ports , 1 10/100mbps uplink port, IEEE 802.3af/at Power over Ethernet (PoE) compliant, Provides up to 30 watts per PoE port, Extend mode up to 250meters for all PoE port , PoE power budget 58W				

ITEM	DESCRIPTION	UNIT	QTY.	UNIT COST	Total Cost
I	32” LED MONITOR WD HDMI CONNECTORS Wall Mount Cat6 UTP Cable product type: U/UTP CAT6-4PPVC-CM, with test standards of ISO/IEC11801、 TIA-568-C.2 、 YD/T1019, Core conductor Core material: Oxygen-free pure copper, Outer sheath materials: PVC (RoHS Compliant), CM				
	TELEPHONE CONNECTION 4 UNITS	set	1.00		
	specifications: Basic Service Cabinet (3CO x 8 locals)				
	Speaker Phone w/ LCD Display 12 buttons display that lighted whenever in use; programmable to Trunklines and Extension lines				
	SINGLE LINE TELEPHONE (Analog Phone)				
	Back up Battery Servo sealed type 12V 28AH wd KXA227 Cable				
				Materials Cost:	
				Labor cost:	
DIRECT COSTS:		Material Costs:			
	Labor Costs, Equipment Rental:				
Estimated Direct Cost (EDC):					
INDIRECT COSTS:					
				OCM (12% of EDC):	
				CONTRACTOR'S PROFIT (8% of EDC):	
				Total Indirect Cost:	
VAT (5% of EDC, OCM, & Profit):					

GRAND TOTAL: