

## Section VIII. Bill of Quantities

<b>“INSERT LETTERHEAD OF THE COMPANY”</b>					
<b>BILL OF QUANTITIES</b>					
PROJECT TITLE: CONSTRUCTION OF NEW LABORATORY BUILDING					
LOCATION: NCMH Compound, 9 de Pebrero, Mauway, Mandaluyong City					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
<b>1</b>	<b>GENERAL REQUIREMENTS</b>				
	a. Mobilization	1.00	lot		
	b. Project Bill Board, 4'x 8'	3.00	set/s		
	c. 1/2" Marine Plywood	6.00	pc.		
	d. Lumber, Assorted	200.00	bd.ft		
	e. Safety Signages	1.00	lot		
	f. Common Wire Nails, Assorted	10.00	kg.		
<b>2</b>	<b>DEMOLITION WORKS</b>				
	a. Demolition of existing beams, columns and other structural components	1.00	lot		
	b. Demolition of existing floor slab and finishes	1.00	lot		
	c. Demolition of existing masonry wall and other partitions	1.00	lot		
	d. Demolition of existing roof system and Ceiling	1.00	lot		
<b>3</b>	<b>EARTH WORKS</b>				
	a. Excavation (Adobe Soil)	300.00	cu.m		
	b. Backfilling	155.00	cu.m		
	c. 3/4 Gravel	35.00	cu.m		
	d. Soil Poisoning	600.00	sq.m		
<b>4</b>	<b>CONCRETE WORKS</b>				
	a. 3500psi Concrete at 28 Days	85.00	cu.m		
	b. 4500 psi Concrete at 28 Days	330.00	cu.m		
	c. 20mm, DSB, Grade 60,	39,500.00	kg.		
	d. 16mm, DSB, Grade 60,	5,600.00	kg.		
	e. 12mm, DSB, Grade 40,	1,200.00	kg.		
	f. 10mm, DSB, Grade 40	28,350.00	kg.		
	g. #16 G.I. Tie Wire	1,050.00	kg.		
	h. Formworks	2,740.00	sq.m		
	i. Cementitious Waterproofing	45.00	gal		
	j. Common Nail, Assorted	20.00	kg.		
<b>5</b>	<b>MASONRY WORKS</b>				
	a. 6" CHB	8,800.00	pc.		
	b. 4" CHB	10,500.00	pc.		
	c. 10mm, DSB, Grade 40	6,500.00	kg.		
	d. #16 G.I. Tie Wire	160.00	kg.		
	e. Nylon String	20.00	roll		
	f. Concrete Nail, Assorted	50.00	kg.		
	g. Cement	1,900.00	bag		
	h. Sand	250.00	cu.m		
	i. Cementitious Waterproofing	10.00	gal		

<b>6</b>	<b>CEILING SYSTEM WORKS</b>			
	a. Double Metal Furring, 19mm x 50mm x 0.6mm, 5m	550.00	pc.	
	b. Carrying Channel, 12mm x 38mm x 1mm, 5m	350.00	pc.	
	c. Wall Angle, 25mm x 25mm x 0.5mm, 3m	275.00	pc.	
	d. W-Clip	5,125.00	pc.	
	e. Hanger Rod	500.00	pc.	
	f. Blind Rivets	70.00	box	
	g. Drill Bit, Assorted	90.00	pc.	
	h. 4.5mm Fiber Cement Board	355.00	pc.	
	i. Concrete Nail, Assorted	50.00	kg.	
	j. Other Ceiling Accessories and Materials	1.00	lot	
<b>7</b>	<b>STRUCTURAL AND OTHER STEEL WORKS</b>			
	<b>A. Roofing Works</b>			
	a. 300mm x 300mm x 16mm Thick MS Plate w/ 4-22mm dia. Hole, A36	3.00	sets	
	b. 350mm x 250mm x 16mm Thick MS Plate w/ 4-22mm dia. Hole, A36	34.00	sets	
	c. 350mm x 250mm x 16mm Thick MS Plate w/ 6-18mm dia. Hole, A36	10.00	sets	
	d. 20mmØ x 450mm Anchor Bolt, A307 w/ Standard Nuts and Washer	148.00	sets	
	e. 16mmØ x 300mm Anchor Bolt, A307 w/ Standard Nuts and Washer	60.00	sets	
	f. 2" x 6" x 3.0mm Thick Tubular, BI	8.00	pc.	
	g. 2" x 3" x 3.0mm Thick Tubular, BI	63.00	pc.	
	h. 2" x 3" x 2.0mm Thick Tubular, BI	21.00	pc.	
	i. 2" x 2" x 2.0mm Thick Tubular, BI	59.00	pc.	
	j. 1 1/2" x 1/4" Angle Bar	6.00	pc.	
	k. 2" x 3" x 1.5mm Thick Tubular, GI	108.00	pc.	
	l. 2" x 6" x 1.5mm Thick C-Purlins, GI	7.00	pc.	
	m. 2" x 4" x 1.5mm Thick C-Purlins, GI	7.00	pc.	
	n. 0.5mm Thick Rib-Type Roofing, Blue	480.00	lm	
	o. 0.5mm Thick GI Sheet Fascia Flashing, 16"x8', Blue	25.00	pc.	
	p. 0.5mm Thick GI Sheet Endwall Flashing, 48"x8', Blue	30.00	pc.	
	q. 6mm Thick Solid Polycarbonate Roofing Sheet, 4'x8', Clear	20.00	pc.	
	r. 10mm Thick Double Sided Insulation Foam	480.00	lm	



s. 5mm Thick MS Plate, A36, 4' x 8'	1.00	pc		
t. 0.5mm Aluminum Spandrel Roof Eaves, Prepainted, 6" Effective Width, Pre-punched for Ventilation, Complete with Necessary Accessories	250.00	lm		
<b>B. Ramp Stainless Steel Hand Rails</b>				
a. 35mm dia Stainless Steel Pipe SCH. 40, 6m	12.00	pcs		
<b>C. Steel Emergency Exit Stairs</b>				
a. 200mm x 250mm x 16mm Thick MS Plate w/ 4-18mm dia. Hole, A36	9.00	sets		
b. 16mmØ x 450mm Anchor Bolt, A307 w/ Standard Nuts and Washer	36.00	sets		
c. 4" x 6" x 6.0mm Thick Tubular, BI	3.00	pc.		
d. 2" x 6" x 6.0mm Thick Tubular, BI	5.00	pc.		
e. 8mm Thick Checkered Steel Plate, A36, 4' x 8'	4.00	pc.		
f. 2" x 2" x 2.0mm Thick Tubular, GI	16.00	pc		
g. 1" x 1" x 1.5mm Thick Tubular, GI	15.00	pc		
<b>D. Railings and Grills</b>				
a. 2" x 2" x 2.0mm Thick Tubular, GI	2.00	pc		
b. 1" x 1" x 1.5mm Thick Tubular, GI	3.00	gal.		
c. 2" x 3" x 2.0mm Thick Tubular, GI	2.00	pcs		
d. 2" x 4" x 3.0mm Thick Tubular, BI	6.00	pcs.		
e. 10mm Square Steel Bar, 6m	350.00	pcs.		
f. 1 1/2" x 3/16" Flat Bar	50.00	pcs		
<b>E. Hardware Materials and Accessories</b>				
a. E27 Welding Rod, 2.5mm x 325mm	300.00	kg.		
b. Cutting Disc, 4"	20.00	box		
c. Cut - Off Disc, 12"	20.00	pc.		
d. 2 1/2 Tek Screw	1,600.00	pc.		
e. Grinding Disc, 4"	10.00	pc.		
f. Polytuff with Hardener	5.00	liter		
h. Silicon Sealant	15.00	tube		
i. Blind Rivets 1/8 x 1/2	5.00	box		
j. Elastomeric Sealant	8.00	liters		
k. Drill Bit, Assorted	20.00	pcs		
l. 3/4" Cylindrical Hinges	4.00	sets		
m. Barrel Bolt, Complete sets w/ Accessories	2.00	set		
n. Other Hardware Tools	1.00	lot		

8	ELECTRICAL SYSTEM WORKS			
a.	2x18W Led Tube, Surface Type Housing, Louverized 12" x 48", Complete with Necessary Accessories	79.00	set	
b.	1x18W Led Tube, Surface Type Housing, Louverized 7" x 48", Complete with Necessary Accessories	58.00	set	
c.	12W Led Downlight, Recessed, Complete with Necessary Accessories	53.00	set	
d.	THHN Wire #14	10.00	roll	
e.	THHN Wire #12	40.00	roll	
f.	THHN Wire #10	5.00	roll	
g.	THHN Wire # 2/0 AWG (red)	30.00	lm	
h.	THHN Wire # 4/0 AWG (red)	30.00	lm	
j.	THHN Wire # 350 MCM AWG (red)	200.00	lm	
k.	THHN Wire # 2 AWG (green)	40.00	lm	
l.	THHN Wire # 1/0 AWG (green)	20.00	lm	
m.	THHN Wire # 4/0 AWG (green)	20.00	lm	
n.	3 Way 3 Gang Switch	2.00	pc.	
o.	3 Way 2 Gang Switch	10.00	pc	
p.	3 Way 1 Gang Switch	12.00	pc	
q.	3 - Gang Switch	1.00	pc.	
r.	2 - Gang Switch	19.00	pc.	
s.	1-Gang Switch	33.00	pc.	
t.	Duplex Universal Outlet with Ground	128.00	pc.	
u.	Simplex Universal Outlet	21.00	pc.	
v.	ACU Outlet	25.00	pc.	
w.	Junction Box	300.00	pc.	
x.	½" PVC Conduit Pipe	170.00	pc.	
y.	2" PVC Conduit Pipe	5.00	pc	
z.	2 ½" PVC Conduit Pipe	5.00	pc	
aa.	3" IMC Pipe Complete with Necessary Accessories	3.00	pc.	
ab.	3" Weatherproof Service Entrance Head complete with necessary necessities	1.00	pc	
ac.	Electrical Tape	30.00	pc.	
ad.	12 " Ceiling Mounted Exhaust fan	33.00	pc.	
ae.	Ventilation and Air Ducting System	1.00	lot	
af.	Storm Proof Stainless Steel 200 mm Wall Mounted Ventilation Cap	19.00	pc	
ag.	All Purpose Adhesive	15.00	bot.	
ah.	Panel Board, 14 Branch Circuit ( Bolt in)	1.00	set	
ai.	Panel Board, 16 Branch Circuit ( Bolt in)	1.00	set	
aj.	Panel Board, 24 Branch Circuit ( Bolt in)	1.00	set	



	ak. Panel Board, 26 Branch Circuit ( Bolt in)	1.00	set		
	al. Panel Board, 6 Branch Circuit ( Bolt in) with 18 KAIC rating	1.00	set		
	am. Generator Set, 100 KVA, 220 V, Single Phase, 60 Hz, Silent Type Diesel, Complete With Accessories	1.00	set		
	an. Automatic Transfer Switch, 500 A, 60 Hz, 230V, Single Phase	1.00	set		
	ao. 100 watts LED Solar Street Lights, ABS Housing + Acrylic Cover, IP 65, 120 Degrees Beam Angle, Lithium Battery 3.2 VDC, 48mm Diameter Arm Bracket & 3 meters Galvanized Street Pole with Pedestal, Complete with Necessary Accessories	4.00	sets		
	ap. 2x20W Led Tube, Surface Type Housing, With Impervious and Smooth Cover 12" x 48", Complete with Necessary Accessories	9.00	sets		
<b>9</b>	<b>PLUMBING SYSTEM WORKS</b>				
	a. 1/2" PPR Pipe	35.00	pc.		
	b. 1/2" PPR Coupling	40.00	pc.		
	c. 1/2" PPR Elbow	50.00	pc.		
	d. 1/2" PPR Tee	45.00	pc.		
	e. 1/2" PPR Elbow with Thread	75.00	pc.		
	f. 1/2" PPR Tee with Thread	15.00	pc.		
	g. 2" PVC Pipe	26.00	pc.		
	h. 2" PVC Coupling	10.00	pc.		
	i. 2" PVC Elbow	30.00	pc.		
	j. 2" PVC Tee	20.00	pc.		
	k. 2" PVC P-Trap	40.00	pc.		
	l. 2" PVC Clean Out	10.00	pc.		
	m. 4" PVC Pipe	15.00	pc.		
	n. 4" PVC Coupling	5.00	pc.		
	o. 4" PVC Elbow	10.00	pc.		
	p. 4" PVC P-Trap	5.00	pc.		
	q. 4" PVC Clean Out	10.00	pc.		
	r. 1/2" G.I. C-Clamp	50.00	pc.		
	s. Gate Valve	15.00	pc.		
	t. PVC Cement Solvent, 200cc	10.00	can		
	u. Teflon Tape 3/4	40.00	pc.		
	v. Stainless Floor Drain, 4"	15.00	pc.		
	w. 400mm Wall Hung Ceramic Lavatory Sink with Ceramic Pedestal and Stainless Faucet w/ Complete Accessories	9.00	set		

x. 400mm Counter Top Ceramic Lavatory Sink with Stainless Faucet w/ Complete Necessary Accessories	3.00	set		
y. Stainless Steel Sink L600mm x W400mm x D250mm x 1.5mm Thick w/ Goose Neck Type Faucet w/ eyewash, Complete with Necessary Accessories	16.00	set		
z. Stainless Steel Sink L900mm x W450mm x D350mm x 1.5mm Thick w/ Goose Neck Type Faucet w/ eye wash, Complete with Necessary Accessories	2.00	set		
aa. One Piece Glossy Water Closet L750mm x W390mm x D740mm w/ Complete Necessary Accessories	10.00	set		
ab. Top Inlet Wall Mount Glossy Urinal L565mm x W400mm x D 320mm, w/ Complete Accessories	1.00	set		
ac. Stainless Chrome Wall Mount Faucet, Complete with Necessary Accessories	8.00	set		
ad. Stainless Toilet Hand Held Spray, Complete with Necessary Accessories	12.00	set		
ae. Stainless Steel Emergency Shower and Eye Wash with Stainless Steel Bowl and Foot Pedal, Complete with Necessary Accessories.	2.00	set		
af. Wall Mounted Ceramic Waterless Urinal, Complete with Necessary Accessories	1.00	set		
ag. Floor Mounted Ceramic Waterless Unisex Urinal, Complete with Necessary Accessories	1.00	set		
ah. 304 Stainless Steel Rain Shower Set, Wall Mounted, with Square Shower Head, Telephone Shower and Faucet, Complete with Necessary Accessories	4.00	set		
ai. PPR Coupling 3/4	26.00	pc		
aj. PPR. Gate Valve 1/2	27.00	pc.		
ak. PPR Male Adaptor 3/4	5.00	pc.		
al. PPR Pipe 3/4	22.00	pc.		
am. PPR Coupling 3/4	15.00	pc.		
an. PPR Tee 3/4	10.00	pc.		
ao. PPR Male Adaptor 1/2	25.00	pc.		
ap. Angle Valve 2 Way 1/2 x 1/2	15.00	pc.		
aq. Angle Valve Single Way 1/2 x 1/2	16.00	pc.		
ar. PVC Elbow 1/8 Bend 2"	30.00	pc.		

	as. PVC wye 3"	15.00	pc.		
	at. PVC Reducer 4x3	15.00	pc.		
	au. PVC Reducer 3x2	15.00	pc.		
	av. PVC Tee 3"	15.00	pc.		
	aw. PVC Tee 4"	10.00	pc.		
	ax. PVC wye 4"	10.00	pc.		
	ay. PVC Elbow 1/8 Bend 4"	15.00	pc.		
	az. 6" PVC Pipe	15.00	pc.		
	ba. 6" PVC Wye	15.00	pc.		
	bb. 6" x 4" PVC Reducer	15.00	pc.		
	bc. 6" PVC Elbow	15.00	pc.		
	bd. 6" PVC Tee	15.00	pc.		
	be. Check Valve	1.00	pc.		
	bf. PVC Sanitary Tee 4"x2"	13.00	pc.		
	bg. Other Plumbing Accessories and Materials	1.00	lot		
<b>10</b>	<b>VINYL AND TILE WORKS</b>				
	a. 3mm Thick Hospital Antibacterial Homogenous Vinyl Flooring, Antislip, Directional, Complete with Necessary Accessories and all provisional materials	300.00	sqm		
	b. 60cm x 60cm Glossy Ceramic Floor Tiles	1,810.00	pc.		
	c. 60cm x 60cm Non-skid Ceramic Floor Tiles	850.00	pc.		
	d. 60cm x 60cm Glazed Wall Tiles	1,080.00	pc.		
	e. Tile Adhesive	110.00	bag		
	f. Tile Grout	50.00	bag		
	g. Sand	35.00	cu.m		
	h. Cement	175.00	bag		
	i. 90cmx240cm Granite Counter Top	36.00	pc.		
	j. Granite Accessories	1.00	lot		
<b>11</b>	<b>PAINTING WORKS</b>				
	a. Flat Latex, White	70.00	tin		
	b. Semi-Gloss Latex, White	40.00	tin		
	c. Elastomeric Paint, White	45.00	tin		
	d. Skim Coat	120.00	bag		
	e. Acry-Color, Assorted	60.00	can		
	f. 4" Paint Brush	75.00	pc.		
	g. 3" Paint Brush	75.00	pc.		
	h. 2" Paint Brush	75.00	pc.		
	i. 7" Roller Brush	75.00	pc.		
	j. 4" Roller Brush	75.00	pc.		
	k. Sand Paper, Assorted	50.00	doz.		
	l. Stopa Rug	50.00	kg.		



	m Masking Tape	75.00	pc.		
	n. Putty Knife	25.00	pair		
	o. QDE, Black	16.00	gal.		
	p. Paint Thinner	30.00	gal.		
	q. Mesh Tape, 30m	20.00	rolls		
	r. Fiber Cement Putty /Jointing Compound, 25kg	20.00	pail		
	s. Epoxy Primer, Gray	22.00	gal.		
	t. Lacquer Thinner	10.00	gal.		
	u. Other Painting Accessories and Materials	1.00	lot		
<b>12</b>	<b>FABRICATED MATERIALS</b>				
	a. D-1 0.9m x 2.1m Panel Door w/ glass, 5"x1 3/4", Solid Wood w/ 2"x6" Jamb & Transom Glass, Complete Accessories, Varnish Finish, Lever Type Door Knob	7.00			
	b. D-2 0.9m x 2.1m Panel Door w/ 6mm Thick glass , 5"x1 3/4", Solid Wood w/ 2"x6" Jamb , Complete Accessories, Varnish Finish, Lever Type Door Knob	23.00			
	c. D-3 0.8m x 2.1m Panel Door, 5"x1 3/4", Solid Wood w/ 2"x6" Jamb , Complete Accessories, Varnish Finish, Lever Type Door Knob	23.00			
	d. D-4 1.2m x 2.1m Double Swing Panel Door, 5"x1 3/4", Solid Wood w/ 2"x6" Jamb , Complete Accessories, Varnish Finish, Lever Type Door Knob	2.00			
	e. GD-1 3.70mx2.70m Frameless Glass Double Door, 12mm Smoke Tempered Glass, Complete Accessories	1.00			
	f. GD-2 2.0m x 2.70m Frameless Glass Double Door, 12mm Smoke Tempered Glass, Complete Accessories	6.00			
	g. GD-3 0.90m x 2.70m Frameless Glass Double Door, 12mm Smoke Tempered Glass, Complete Accessories	2.00			
	h. W-1 2.50m x 1.50m Awning & Fixed Window, 9 panels, Series 38 Aluminum Frame, 6mm Thick Bronze Tempered Glass	1.00			
	i. W-2 1.50m x 1.50m Awning Window, 6 panels, Series 38 Aluminum Frame, 6mm Thick Bronze Tempered Glass	8.00			
	j. W-3 1.20mx1.50m Awning Window, 6 panels, Series 38	11.00			



	Aluminum Frame, 6mm Thick Bronze Tempered Glass				
k.	W-4 1.50mx0.90m Fixed/Awning Window, 3 panels, Series 38 Aluminum Frame, 6mm Thick Bronze Tempered Glass	1.00			
l.	W-5 0.60mx0.60m Awning Window, 1 panel, Series 38 Aluminum Frame, 6mm Thick Bronze Tempered Glass	13.00			
m.	W-6 2.50mx1.50m Fixed/Awning Window, 10 panels, Series 38 Aluminum Frame, 6mm Thick Bronze Tempered Glass	5.00			
n.	W-7 1.0m x 1.5m Slide up & Fixed Window, 2 panel, Series 38 Aluminum Frame, 6mm Thick Bronze Tempered Glass	2.00			
o.	W-8 2.50m x 2.60m Fixed/Awning Window, 10 panels, Series 38 Aluminum Frame, 6mm Thick Bronze Tempered Glass	1.00			
p.	FGW -1 1/2" Tempered Glass Fixed Window, 1.2m Height, Series 38 Aluminum Frame	38.00			
q.	FGW -2 1/2" Tempered Glass Fixed Window, 4.60m x 1.20m w/ Pass Box, Series 38 Aluminum Frame	1.00			
r.	FGW -3 1/2" Tempered Glass Fixed Window, 1.70m x 1.20m, Series 38 Aluminum Frame	1.00			
s.	FGW -4 1/2" Tempered Glass Fixed Window, 0.70m x 1.20m, Series 38 Aluminum Frame	1.00			
t.	1.1m x 1.05m Entry Porch Glass Railing with Stainless Steel Framing, 10mm Thick Clear Laminated Glass and 50mm dia. S/S Pipe Sch. 40 Top Rail	18.00			
u.	1.238m x 2.10m Fabricated Lockers, 3/4" Marine Plywood, Duco Finish, 9 Panels with handles, Complete with Necessary Accessories	2.00			
v.	1.06m x 1.80m Plastic Laminated Toilet Partition with 0.60m Plastic Laminated Door with lock, Complete with Necessary Accessories	4.00			
w.	1.40m x 1.80m Plastic Laminated Toilet Partition, Complete with Necessary Accessories	2.00			

	x. 5.0m x 2.40m PVC Accordion Partition, 12.5cm Fold Panel, Complete with Necessary Accessories	1.00			
	y. Aluminum Cabinet - 1 (Blood Screening Room), Fabrication and Installation of (Height: 0.80m x Width: 0.60m x Total Length: 5.625m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (6 Cabinet Doors & 6 Drawers) Complete With Necessary Accessories	1.00			
	z. Aluminum Cabinet - 2 (Hematology & Coagulation Area), Fabrication and Installation of (Height: 0.80m x Width: 0.95m & 0.75m x Total Length: 6.95m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (12 Cabinet Doors & 3 Drawers) Complete with Necessary Accessories	1.00			
	aa. Aluminum Cabinet - 3 (Immunology Serology Area), Fabrication and Installation of (Height: 0.80m x Width: 0.90m & 0.95m x Total Length: 5.20m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (10 Cabinet Doors & 2 Drawers) Complete with Necessary Accessories	1.00			
	ab. Aluminum Cabinet - 4 (Clinical Chemistry Area), Fabrication and Installation of (Height: 0.80m x Width: 0.95 x Total Length: 2.80m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (6 Cabinet Doors) Complete with Necessary Accessories	1.00			

	<p>ac. Aluminum Cabinet - 5 (Clinical Chemistry Area), Fabrication and Installation of (Height: 0.80m x Width: 0.75m x Total Length: 2.20m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (6 Cabinet Doors) Complete with Necessary Accessories</p>	1.00			
	<p>ad. Aluminum Cabinet - 6 (Clinical Microscopy Area), Fabrication and Installation of (Height: 0.80m x Width: 0.90m &amp; 0.95m x Total Length: 5.90m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (8 Cabinet Doors &amp; 7 Drawers) Complete with Necessary Accessories</p>	1.00			
	<p>ae. Aluminum Cabinet - 7 (Drug Testing Laboratory Working Area), Fabrication and Installation of (Height: 0.80m x Width: 0.60m x Total Length: 4.00m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (2 Cabinet Doors &amp; 4 Drawers) Complete with Necessary Accessories</p>	1.00			
	<p>af. Aluminum Cabinet - 8 (Microbiology Area), Fabrication and Installation of (Height: 0.80m x Width: 0.90m &amp; 0.95m x Total Length: 6.675m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (8 Cabinet Doors &amp; 3 Drawers) Complete with Necessary Accessories</p>	1.00			



	<p>ag. Aluminum Cabinet - 9 (Decontamination Room Area), Fabrication and Installation of (Height: 0.80m x Width: 0.90m x Total Length: 2.20m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (6 Cabinet Doors) Complete with Necessary Accessories</p>	1.00			
	<p>ah. Aluminum Cabinet - 10 (Media Prep Area), Fabrication and Installation of (Height: 0.80m x Width: 0.90m x Total Length: 2.40m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (6 Cabinet Doors) Complete with Necessary Accessories</p>	1.00			
	<p>ai. Aluminum Cabinet - 11 (Sterilization Room Area), Fabrication and Installation of (Height: 0.80m x Width: 0.90m x Total Length: 2.40m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (6 Cabinet Doors) Complete with Necessary Accessories</p>	1.00			
	<p>aj. Aluminum Cabinet - 12 (Histopathology Area), Fabrication and Installation of (Height: 0.80m x Width: 0.90m x Total Length: 5.40m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (14 Cabinet Doors) Complete with Necessary Accessories</p>	1.00			
	<p>ak. Aluminum Cabinet - 13 (Pre - Analysis Area), Fabrication and Installation of (Height: 0.80m x Width: 0.70m x Total Length: 1.50m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges</p>	1.00			

	and High Quality Aluminum C Type Cabinet Handle, (4 Cabinet Doors) Complete with Necessary Accessories				
	al. Aluminum Cabinet - 14 (Analysis Area), Fabrication and Installation of (Height: 0.80m x Width: 0.90m x Total Length: 3.30m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (1 Cabinet Door & 4 Drawers) Complete with Necessary Accessories	1.00			
	am. Aluminum Cabinet - 15 (Pantry), Fabrication and Installation of (Height: 0.80m x Width: 0.60m x Total Length: 2.7m) High Grade Aluminum Composite Panel Cabinet with Aluminum Frame Drawers, High Grade Concealed Hinges and High Quality Aluminum C Type Cabinet Handle, (6 Cabinet Doors) Complete with Necessary Accessories	1.00			
<b>13</b>	<b>HVAC System</b>				
	a. 2.5Hp Split-type Airconditioning Unit Wall Mounted, Inverter, Complete with Accessories	6.00	set		
	b. 2.0Hp Split-type Airconditioning Unit Wall Mounted, Inverter, Complete with Accessories	10.00	set		
	c. 1.5Hp Split-type Airconditioning Unit Wall Mounted, Inverter, Complete with Accessories	7.00	set		
	d. 1.0Hp Split-type Airconditioning Unit Wall Mounted, Inverter, Complete with Accessories	2.00	set		
	e. Negative Pressure Room System for Processing, Pre - Analysis, Analysis and Specimen Receiving Area, Complete Accessories (Design & Build)	1.00	lot		
<b>14</b>	<b>SEPTIC TANK AND CONCRETE CANAL WITH COVER AND CATCH BASIN</b>				
	a. Cement	260.00	pc		
	b. Sand	30.00	cu.m		
	c. Gravel	50.00	cu.m		

	d. 10mm, DSB, Grade 40,	1,300.00	kg.		
	e. Cementitious Waterproofing	8.00	gal.		
	f. #16 G.I. Tie Wire	25.00	kg.		
	g. 1/2 Phenolic Board	9.00	pc		
	h. 2" x 3" x 12' Coco Lumber	25.00	pc		
	i. 6" PVC Pipe	5.00	pc		
	j. 4" PVC Pipe	5.00	pc		
	k. 6" PVC Wye	60.00	pc		
	l. 4" PVC Wye	30.00	pc		
	m. 6" x 4" PVC Reducer	20.00	pc		
	n. 6" PVC Clean Out	5.00	pc		
	o. 4" PVC Clean Out	5.00	pc		
	p. PVC Cement Solvent, 200cc	10.00	can		
	q. 6" CHB	510.00	pc		
	r. 2" PVC Pipe	12.00	pc.		
	s. 12mm Round Plain Bar, 6m	4.00	pc		
<b>15</b>	<b>MISCELLANEOUS</b>				
	<b>A. Building Signages</b>				
	a. NCMH Logo, 1 meter diameter, Panaflex Material with Lighting, Complete with Necessary Accessories	1.00	set/s		
	b. Stainless Steel High Grade Embossed Letters, 300mm High, "LABORATORY BUILDING", Complete with Accessories	18.00	set/s		
	c. Acrylic Board 9" x 15" w/ Reflectorized Sticker Lettering for Room Signages, Wall Mounted, Complete with Necessary Accessories	34.00	sets		
	d. Acrylic Board 9" x 15" w/ Reflectorized Sticker Lettering for Room Signages, Ceiling Mounted, Complete with Necessary Accessories	4.00	set/s		
	<b>B. Fire Detection and Alarm System</b>				
	a. Addressable Fire Alarm Bell, 6 inches, 95 dB, Complete with Necessary Accessories	9.00	set/s		
	b. Addressable Fire Sounder Strobe, 110 dB, Complete with Necessary Accessories	9.00	set/s		
	c. Addressable Manual Call Point, Emergency Press Alarm, Complete with Necessary Accessories	9.00	set/s		
	d. Addressable Photoelectric Smoke Detector, 85dB, Complete with Necessary Accessories	64.00	set/s		



	e. Addressable Heat Detector, Complete with Necessary Accessories	2.00	set/s		
	f. Addressable LCD Annunciator with 80 Character Display, Complete with Necessary Accessories	2.00	set/s		
	g. Addressable Fire Alarm Control Panel with LCD Display, Complete with Necessary Accessories	1.00	lot		
	h. FDAS Wiring, Conduits and Other Necessary Accessories to Complete the System	1.00	lot		
	i. Emergency Lights, LED, 2 heads, Complete with Necessary Accessories	54.00	set/s		
	j. Fire Extenguisher " ABC " With Wall Bracket , Complete Accessories	42.00	set/s		
	k. Ceiling Mounted Exit Signages, Reflectorized and Glow in the Dark, Complete with Necessary Accessories	10.00	pc.		
C. CCTV, Telecommunications, WiFi System and Others					
	a. Network Switches, 24 - port switch, 24x10/100/1000 POE, 10/100/1000 4 SFP, 4GB Flash Memory and 4 GB DRAM	2.00	sets		
	b. Data Cabinet, H = 2ft. x W = 2ft. x D = 20in, Glass Front Door w/ Cam Lock, Wall Mounted, Complete with Accessories	2.00	sets		
	c. IP Phones, Complete with Necessary Accessories	12.00	sets		
	d. Information Outlet Cat 6, 2 Ports with 2 Gang Faceplate , Complete Set	25.00	sets		
	e. Wireless Access Point, Ceiling Mounted, Complete with Accessories	6.00	sets		
	f. 32 Channel Surveillance Server/Network Video Recorder, 8TB, Complete with Accessories	2.00	sets		
	g. 43" LED Display Google TV w/ Google Assistant with HDMI and VGA, Complete with accessories and mounting kits, 4K (3840 x 2160 pixels) Processor X1, 4K x Reality Pro	2.00	sets		
	h. Security Camera, Dome Type with Complete Accessories	35.00	sets		
	i. Cat 6 Cable, 305m	15.00	box		
	j. HDMI Cable	75.00	lm		
	k. Utility Box	75.00	pcs		
	l. 1/2 Flexible Hose	10.00	rolls		

	m. Telephone Jacketed Wire, #22	3.00	rolls		
	n. 1 Gang Telephone Outlet with Plate Wide	3.00	pc		
	o. 1/2 PVC Pipe	60.00	pcs		
	p. CCTV, Telecommunications and Wifi System Other Materials and Accessories	1.00	lot		
D. Generator Set Housing					
	a. 3500psi Concrete at 28 Days	2.00	cu.m		
	b. Gravel	1.00	cu.m		
	c. Sand	1.00	cu.m		
	d. Cement	10.00	bag		
	e. 6" CHB	42.00	pcs		
	f. 10mm, DSB, Grade 40	75.00	kg.		
	g. #16 G.I. Tie Wire	2.00	kg.		
	h. 2" x 6" x 3.0mm Thick Tubular, BI	6.00	pc.		
	i. 2" x 2" x 2.0mm Thick Tubular, GI	6.00	pc		
	j. 2"x 3"x 2.0mm Thick Tubular, BI	3.00	pc.		
	k. 1 1/2" x 3/16" Angle Bar	18.00	pc.		
	l. 2" x 2" x 3/16" Steel Matting, 4'x8'	16.00	pc		
	m. 0.5mm Rib - Type Roofing, Blue	25.00	lm		
	n. 10mm Thick Double Sided Insulation Foam	25.00	lm		
	o. 2 1/2 Tek Screw	55.00	pcs		
	p. E27 Welding Rod, 2.5mm x 325mm	20.00	kg.		
	q. Cutting Disc, 4"	3.00	box		
	r. Cut - Off Disc, 12"	2.00	pc.		
	s. Grinding Disc, 4"	2.00	pc.		
	t. Polytuff with Hardener	1.00	liter		
	u. Silicon Sealant	3.00	tube		
E. Water Storage Tank and Tower					
	a. Stainless Steel Cylindrical Water Storage Tank Vertical Type, 2600 liters, 1.51mx2.31m (D x H), with size #1 Floating Valve Complete with Necessary Accessories	1.00	set		
	b. Stainless Steel Pressure Tank, 82 Gallon, with Pressure Switch and Gauge, Complete with Necessary Accessories	1.00	set		
	c. W 8 x 24, 6m, Wide Flange A36	5.00	pc.		
	d. 16mm Thick MS Plate, A36, 4'x8'	2.00	pc		
	e. 300mm x 350mm x 16mm Thick MS Plate w/ 8 - 22mm Ø Hole, A36	4.00	sets		
	f. 20mmØ x 550mm Anchor Bolt, A307 w/ Standard Nuts and Washer	32.00	pc.		

	g. 2" x 6" x 6.0mm Thick Tubular, BI	8.00	pc.		
	h. 2"x 2"x 2.0mm Thick Tubular, BI	1.00	pc.		
	i. 1"x 2"x 1.5mm Thick Tubular, BI	5.00	pc.		
	j. 1 1/2" GI Pipe, Schedule 40	1.00	pc.		
	k. 1 " GI Pipe, Schedule 40	2.00	pc.		
	l. 3500 psi Concrete at 28 Days	2.00	cu.m		
	m. 16mm, DSB, Grade 60	200.00	kg.		
	n. 10mm, DSB, Grade 40	40.00	kg.		
	o. #16 G.I. Tie Wire	10.00	kg.		
	p. Formworks	2.00	sq.m		
	q. 1.5 hp Centrifugal Water Pump, w/ switch and other necessary accessories	1.00	set		
	r. Epoxy Primer, Gray	9.00	gal.		
	s. QDE, Black	8.00	gal.		
	t. Lacquer Thinner	4.00	gal.		
	u. Paint Thinner	4.00	gal.		
	v. 4" Roller Brush	10.00	pc.		
	w. 2" Roller Brush	9.00	pc.		
	x. Concrete Nail 3"	1.00	kg.		
	y. Nylon String	1.00	roll		
	z. E27 Welding Rod, 2.5mm x 325mm	35.00	kg.		
	F. Landscaping				
	a. Garden Soil (Loam Soil)	5.00	cu.m		
	b. Landscaping Ornamental Plants	1.00	lot		
	G. Other Accessories and Furnitures				
	a. 50mm Diameter x 500mm Length 304 Stainless Steel PWD Grab Handle, Complete with Necessary Accessories	1.00	pc		
	b. 304 Stainless Steel Tissue and Towel Holder, Complete With Necessary Accessories (CMT, Pathologist, Clinical and Anatomical Office)	4.00	set		
	c. 40cm x 50cm Vanity Mirror, Frameless Glass, Wall Installation	12.00	pc		
	d. 5 Seater Gang Chair, Metal Chrome Stainless, Top Quality Steel and Powder Coated, Perforated Seat and Back	5.00	set		



<b>16</b>	<b>PROVISIONAL ITEM</b>				
	a. Provisional Materials' Quantities	1.00	lot		
	b. Processing of Building Permit, Complete with Necessary Documents	1.00	lot		
<b>17</b>	<b>CLEARING/GRUBBING/HAULING</b>				
	a. Hauling of Demolished Materials	1.00	lot		
	b. Hauling of Excavated Soil	1.00	lot		
	c. Demobilization/Exportation of remaining debris	1.00	lot		

Submitted by:

\_\_\_\_\_  
Name and Signature of Bidders Authorized Representative

Date: \_\_\_\_\_

\_\_\_\_\_  
Position

\_\_\_\_\_  
Name of Bidder