



PAMBANSANG MUSEO NG PILIPINAS
NATIONAL MUSEUM OF THE PHILIPPINES
Republic of the Philippines
Bids and Awards Committee

BID BULLETIN
NO. 2023-01

Project Title:

**Exhibitions and Fit-Out of Various National Museum of the Philippines,
Central and Regional Sites (Supply, Delivery & Installation of Various
Museum Fixtures, Furnitures, Aircon)**

Item No. 1 : Revision on Section VII. Technical Specification and
Terms of Reference of the Bidding Documents.

Please see attached "Annex A"

Done this 18th day of April 2023.

Prepared by:



EDWIN J. DELA ROSA
Head, BAC Secretariat

Approved by:



ATTY. MA. ROSENNE FLORES-AVILA
Chairperson
Bids and Awards Committee

ENCL: LOTS 1-3 SUPPLEMENTARY BID BULLETIN ATTACHMENTS: TECHNICAL SPECIFICATIONS, FLOOR PLANS AND DETAILS
CC: FMD
BACSEC/DELA ROSA/JLAR

National Museum of the Philippines Complex, Rizal Park, Ermita, Manila 1000
inquiry@nationalmuseum.gov.ph
www.nationalmuseum.gov.ph
(+63-2) 8298-1100

“ANNEX A”

LOT 1: AUDIO VISUAL EQUIPMENT (Supply, Delivery, Installation, Testing & Commissioning)

SUPPLEMENTARY TECHNICAL SPECIFICATIONS (FOR NM ILOILO & NM CEBU)

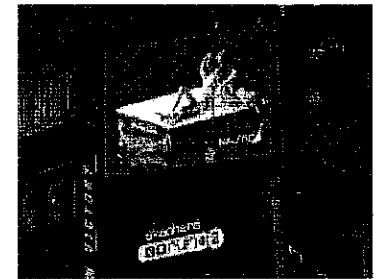
	QTY	UNIT
1. P2.5 Indoor Front Maintenance Fix LED Wall 640mm x 480mm Cabinet Size, 5.12 meters width x 3.36 meters height (56 Panels)	56.00	pcs

P2.5 INDOOR FIX LED WALL CABINET SPECIFICATIONS

- Pixel Pitch: At least 2.5
- LED Lamp: Light SMD 2121
- LED Configuration: SMD 3 in 1
- LED Module Size: At least 320mm x 160mm
- LED Module Pixel: At least 128 x 64 dots
- Cabinet Weight: At least 22kg
- Cabinet Size: At least 640x480mm
- Cabinet Material: Die Casting Aluminum
- Average Power: At least 200/sqm.
- Max Power: At least 640/sqm.
- Brightness: At least 1200-1700 nits
- Viewing Angle: At least 160 Horizontal, 120 Vertical
- Best Viewing Distance: At least 5-240 meters
- Brightness Control: 256 level minimum
- Gray Scale: At least 16 bit
- Refresh Frequency: At least 3840Hz
- Driving Mode: 1/10 Scan
- Input Power Frequency: At least 50 or 60 Hz
- Input Voltage 110-220 V
- Lifetime: Minimum of 50,000 hours
- IP Protection: Minimum of IP30
- Signal Input Format: AV, VGA, HDMI, DVI

1.00 lot

Php 4,000,000.00 per
Audio Visual Equipment
Set



Sample Photo

LAPTOP SPECIFICATIONS: At least Intel i5, 11th Gen, 256 gb, 8gb RAM

2. Receiving Card	56.00	pcs
3. Controller	1.00	pcs
4. Audio (1 unit powered subwoofer, 2 units passive column speaker, 6 channel mixer, speaker brackets)		
Audio System for Events (2pcs 15" Speaker, 1pc. Mixer, 2 pcs. Wireless mic, 2pcs. Speaker stand)	1.00	lot
5. Power Distribution Box	1.00	pcs
6. Power and Signal Cables (Provision for electrical feeder line)	1.00	lot

NOTE: Supply, Delivery and Installation, Testing & Commissioning of all listed items above

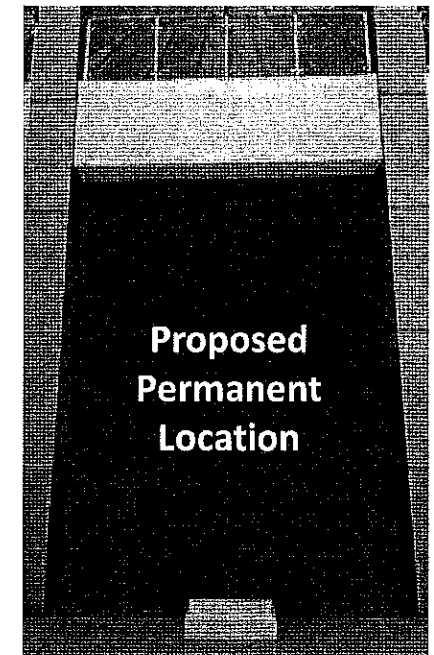
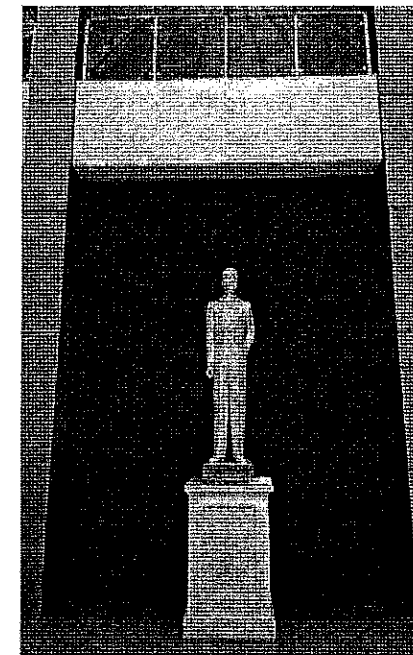
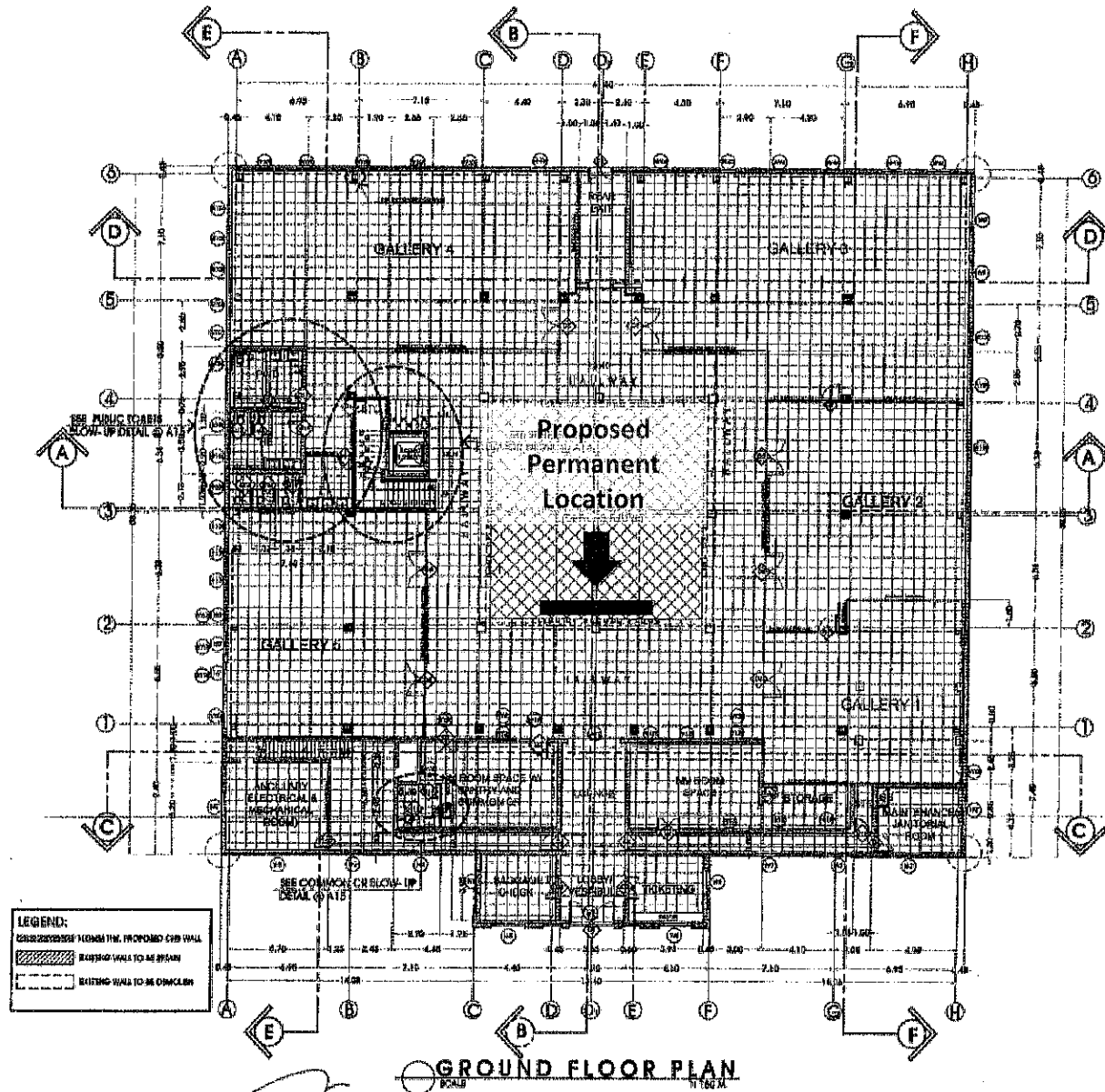
FOR BID BULLETIN

LOT 1: AUDIO VISUAL EQUIPMENT- Supply, Delivery, and Installation, Testing & Commissioning

**NMP ILOILO
(Western Visayas Regional
Museum and Satellite Office
"WVRMSO")**

Address: Old Jaro Municipal Hall, Benedicto St., Jaro, Iloilo City

LOT 1: AUDIO VISUAL EQUIPMENT- Supply, Delivery, and Installation, Testing & Commissioning (NMP Iloilo, Carcel)



NMP – Iloilo

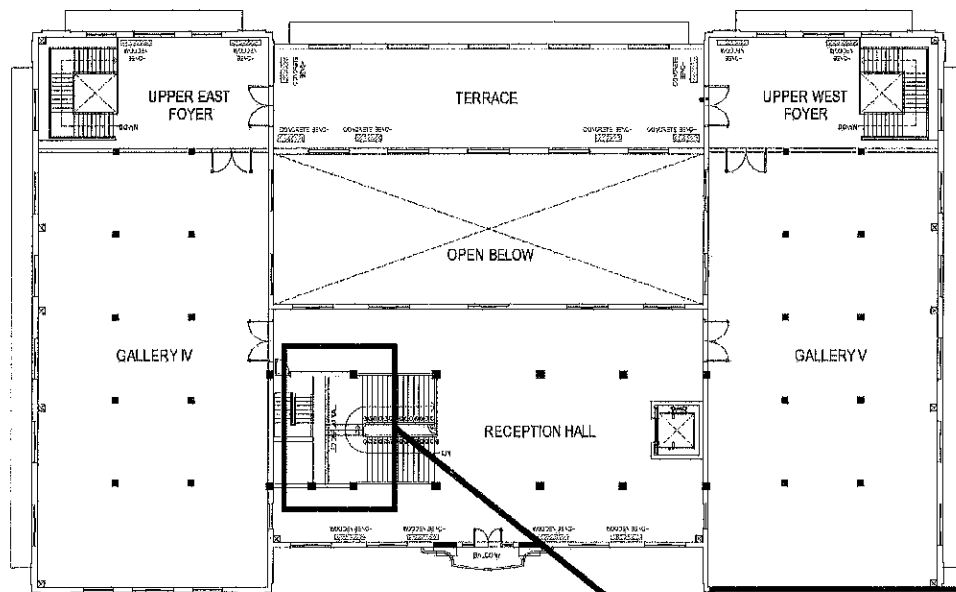
Proposed LED Wall 5.12m x 3.36m at Atrium,
Relocation of Statue Former Pres. Manuel Roxas

FOR BID BULLETIN

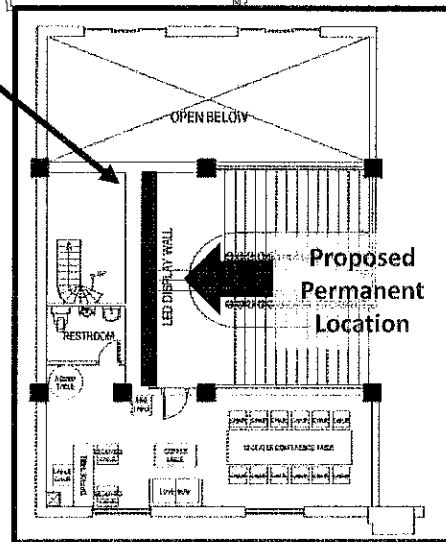
LOT 1: AUDIO VISUAL EQUIPMENT- Supply, Delivery, and Installation, Testing & Commissioning

NMP CEBU: Central Visayas Regional Museum and Satellite Office (CVRMSO)

Address: *Malacañang sa Sugbo, Aduana, A. Pigafetta St., Cebu City*

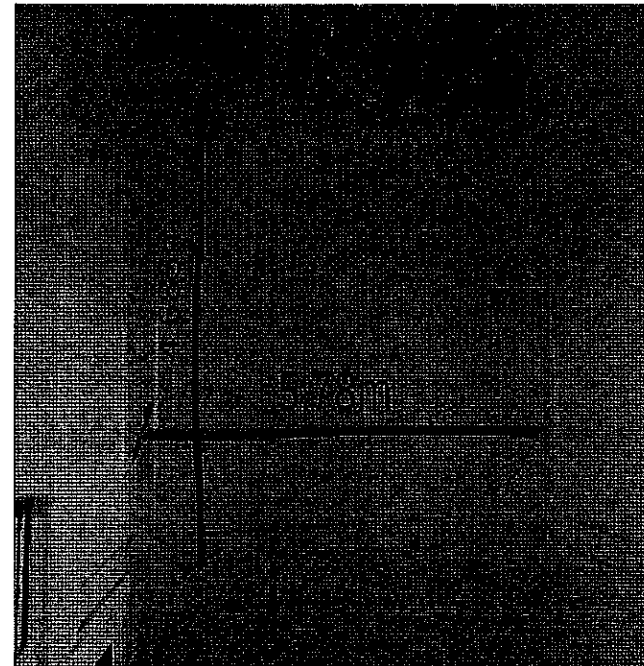


MAIN BUILDING
SECOND FLOOR PLAN



Mezzanine Floor Blow-up Plan

LOT 1: AUDIO VISUAL EQUIPMENT- Supply, Delivery, and Installation, Testing & Commissioning (NMP Cebu)




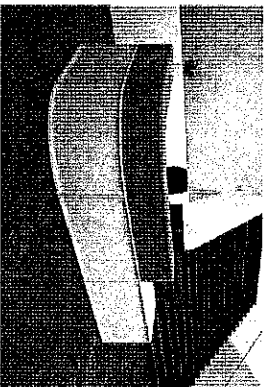
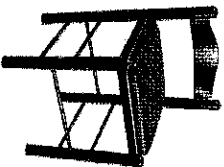
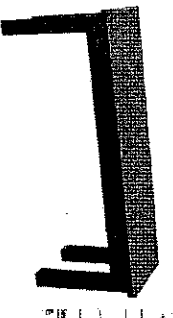

Proposed
Permanent
Location (Above
Grand Staircase
Landing)

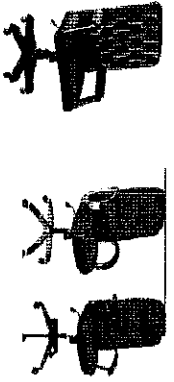

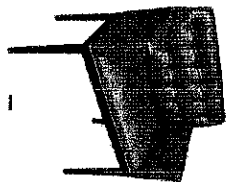
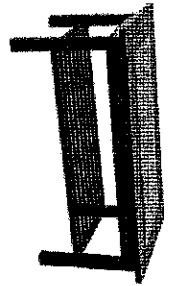
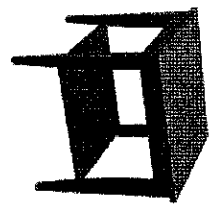
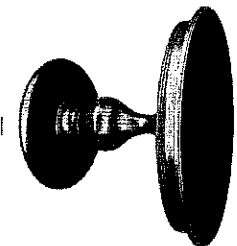
LOT 2: FURNITURE & FIXTURES (Supply, Delivery, & Installation)

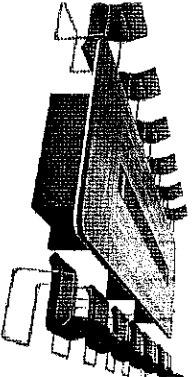
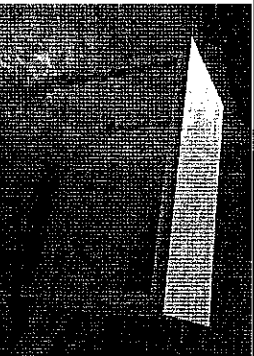
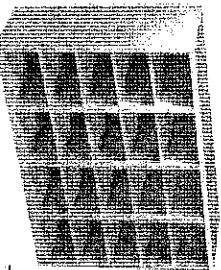
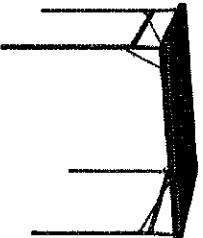
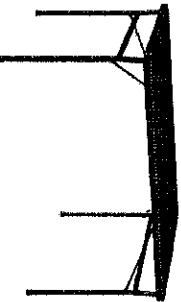
Supplementary Furniture & Fixtures Specifications


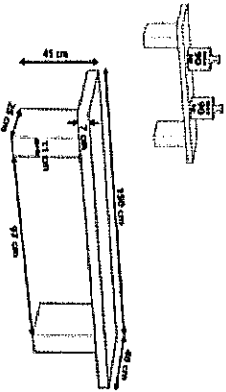
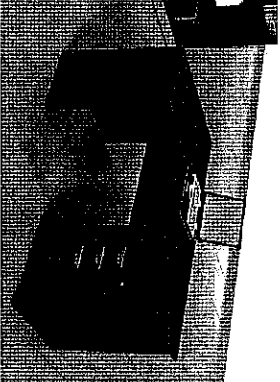
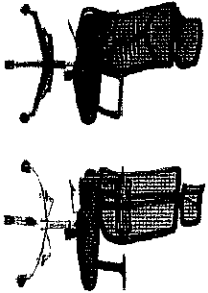
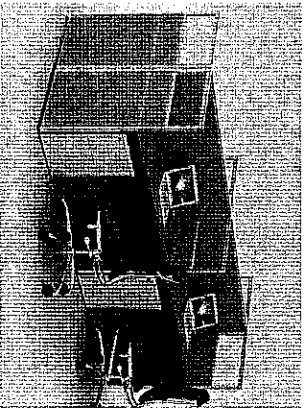
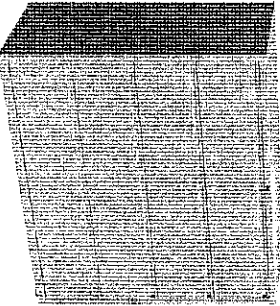
Location: National Museum of the Philippines-Cebu (Main & Annex Building)
Address: Malacañang sa Sugbo, Aduana, A. Pigafetta St., Cebu City

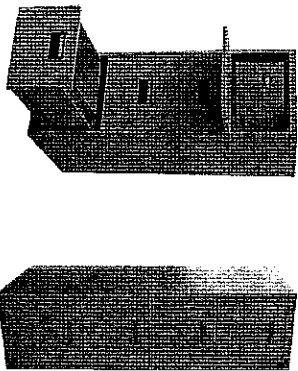

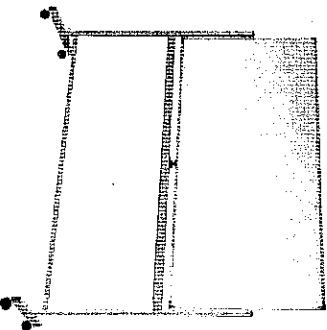
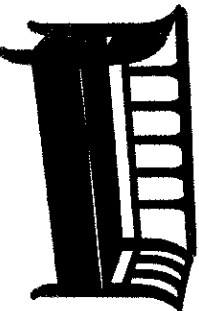
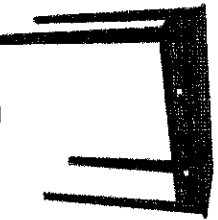
Project Sub-Cost: Php 2,000,000.00

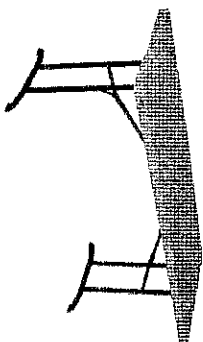

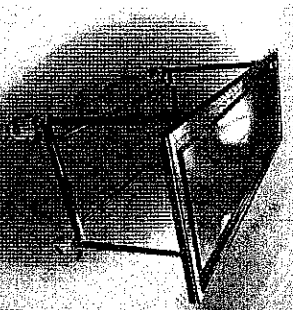
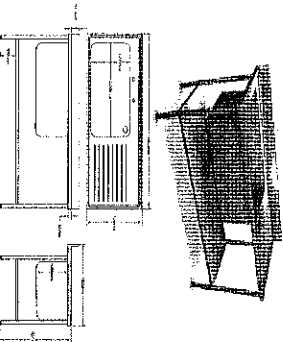

QTY (Pc)	Description	Measurement	Material (Submit Samples for Approval)	Sample Pictures
10	Movable Undercounter Shelves with Locks and Footlocked Wheels	40cm (W) x 56cm (D) x 60cm (H)	White Powder Coated Stainless Steel (Gauge 20) Note: Or any equivalent subject to approval prior to purchasing.	
1	Curved L-Shape Reception Table with Grommet	120cm (W) x 200cm(L) x 60cm(Counter Width) x 80cm(H)	Laminated High-Density Fiberboards or Marine Plywood for shelves/carcass and Marble Countertop Note: Or any equivalent subject to approval prior to purchasing.	
2	Reception High Chairs	At least 50cm x 50cm / round-type Seating Height = At least 70cm	Hardwood Mahogany or Acacia Note: Or any equivalent subject to approval prior to purchasing.	
16	Bench	At least 30 cm x 180 cm x 45 cm	Hardwood Mahogany or Acacia with Upholstery Note: Or any equivalent subject to approval prior to purchasing.	
1	Office Table with Shelves	At least 60cm x 180cm x 75cm	Hardwood Mahogany or Acacia Note: Or any equivalent subject to approval prior to purchasing.	

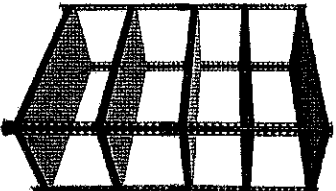
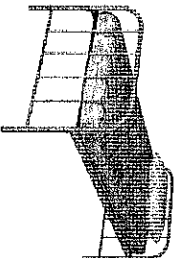
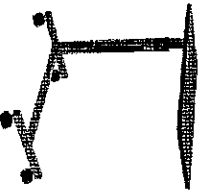
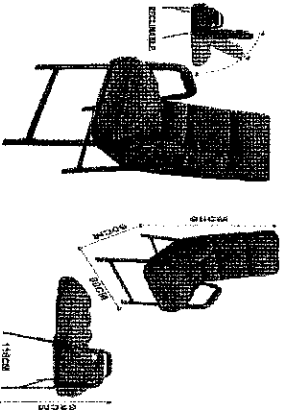
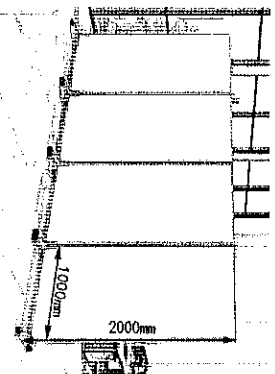
QTY (Pc)	Description	Measurement	Material (Submit Samples for Approval)	Sample Pictures
13	Office Chair	At least 63cm (W) x 75cm (D) x 110-120cm (H)	High Black Leatherette Upholstered Swivel Chair (Up and Down Mechanism) Note: Or any equivalent subject to approval prior to purchasing.	<p>OPTIONS 1, 2, 3</p> 
4	Receiving Chairs for Office Table	At least 17" x 19" x 37" HT.	Hardwood Mahogany or Acacia Note: Or any equivalent subject to approval prior to purchasing.	<p>OPTIONS 1, 2, 3</p> 
1	3-seater Sofa	At least 59" x 28" x 28" HT	Hardwood Mahogany or Acacia with upholstery Note: Or any equivalent subject to approval prior to purchasing.	
1	Coffee Table	At least 47"(L) X 25"(W) 19"(H)	Hardwood - Mahogany or Acacia Finish with glass top Note: Or any equivalent subject to approval prior to purchasing.	
2	End Table	At least 23"(L) X 23"(W) 25"(H)	Hardwood - Mahogany or Acacia Finish Note: Or any equivalent subject to approval prior to purchasing.	
1	Round Table	At least 120 cm Diameter x 100cm (H)	Hardwood - Mahogany or Acacia Finish Note: Or any equivalent subject to approval prior to purchasing.	

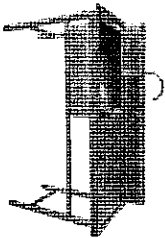
QTY (PC)	Description	Measurement	Material (Submit Samples for Approval)	Sample Pictures
1	12-seater Conference table with grommet & chairs	At least 100cm (W) x 360cm (L) x 75cm (H)	Hardwood or High-Density Fiberboards Note: Or any equivalent subject to approval prior to purchasing.	
2	Table	At least 120cm (L) x 60cm (W) x 75cm (H)	Laminated MDF Table top, Metal Frame Note: Or any equivalent subject to approval prior to purchasing.	
2	Pigeon type Open Shelves	At least 1500cm (H) x 200cm (L) x 50cm (D)	White paint finished Marine Plywood Note: Or any equivalent subject to approval prior to purchasing.	
4	Foldable Tables (fillet on 4 edges)	At least 80cm x 120cm (SHORT)	Wood finish table top and metal frame and bracing	
6	Foldable Tables (fillet on 4 edges)	At least 80x180 cm (LONG)	Note: Or any equivalent subject to approval prior to purchasing.	

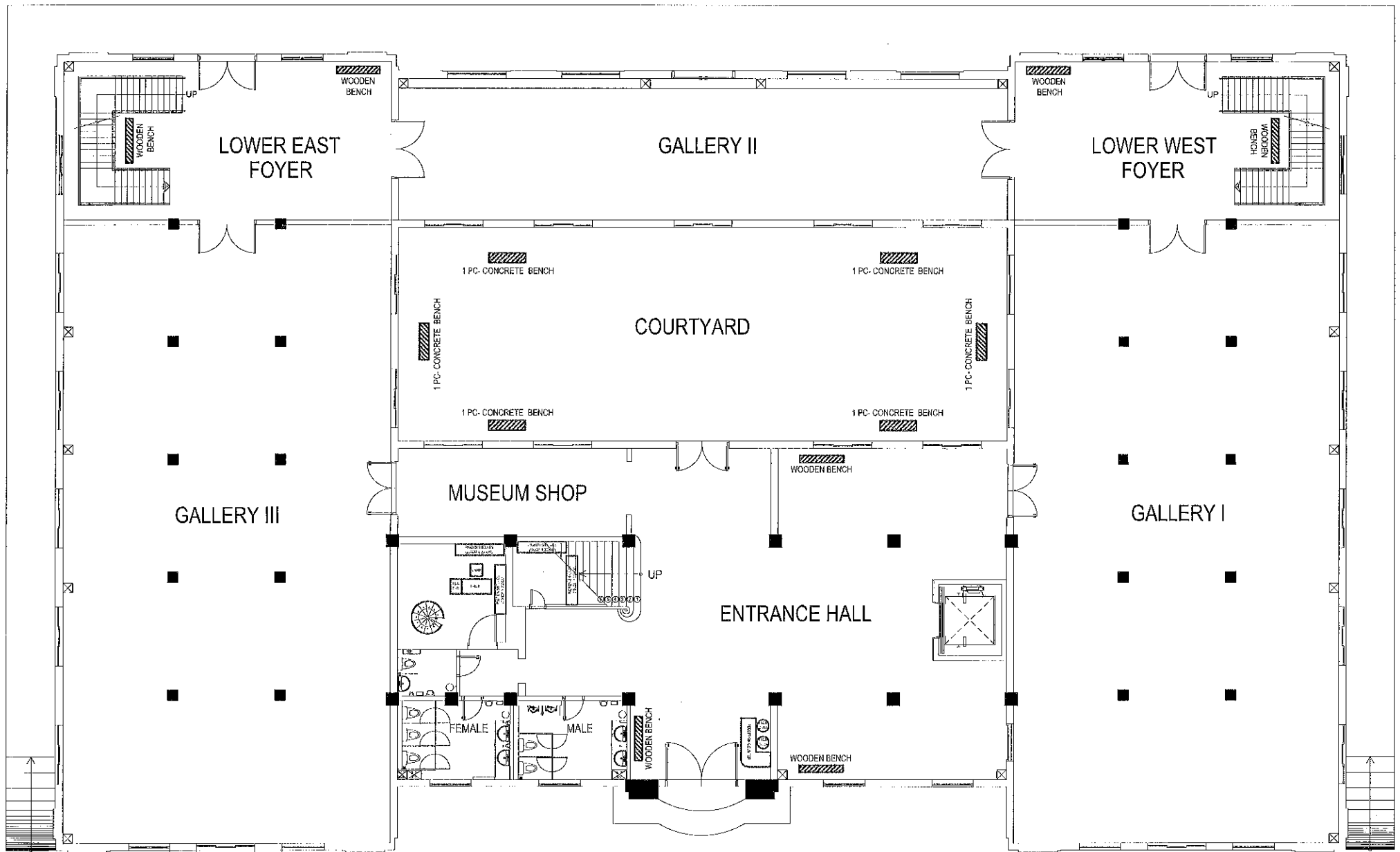
QTY (PC)	Description	Measurement	Material (Submit Samples for Approval)	Sample Pictures
24	Concrete Benches	At least 40cm (W) x 1500cm (L) x 45cm (H)	Reinforced Concrete / Pebble Wash Finish Note: Or any equivalent subject to approval prior to purchasing.	 
1	Conchology-shape Office Table (with movable 3-layer shelves and grommet)	At least 60cm x 120cm x 75cm	Laminated High-Density Fiberboards Note: Or any equivalent subject to approval prior to purchasing.	
15	Movable Chair with arm and backrest	At least 61cm(W) x 49cm(D)x113-123cm (H)	Mesh + Fabric (or any approved Equivalent) Note: Or any equivalent subject to approval prior to purchasing.	
8	Modular Office Tables with chairs (with Dividers, movable shelves and grommet)	At least 60cm x 120cm x 75cm	High-Density Fiberboards and Acrylic Dividers Note: Or any equivalent subject to approval prior to purchasing.	
3	Horizontal Filing Cabinet (4- Tier) with lock	At least 190cm x W/45.5cm x H130cm	White Painted Color-Stainless Steel (Gauge 20) Note: Or any equivalent subject to approval prior to purchasing.	

QTY (PC)	Description	Measurement	Material (Submit Samples for Approval)	Sample Pictures
3	Vertical Filing Cabinets w/ Vault & lock (4-Tier)	At least W45cm x D64cm x H140cm	White Painted Color- Stainless Steel (Gauge 20) Note: Or any equivalent subject to approval prior to purchasing.	
1	6-seater Conference Table with chairs & center grommet	At least 90cm x 180cm x 75cm	Hardwood or High- Density Fiberboards Note: Or any equivalent subject to approval prior to purchasing.	
1	Movable White Board with Metal Stand and wheels	At least 120cm (H) x 180cm (L)	Whiteboard Laminate on both sides and metal stand with wheels. Note: Or any equivalent subject to approval prior to purchasing.	
1	3-seater Sofa	At least L 64" x D 17.75" x H 33"	Hardwood Mahogany or Acacia Note: Or any equivalent subject to approval prior to purchasing.	
1	Console Table	At least W 40cm x L 180cm x H 90cm	Hardwood Mahogany or Acacia Note: Or any equivalent subject to approval prior to purchasing.	

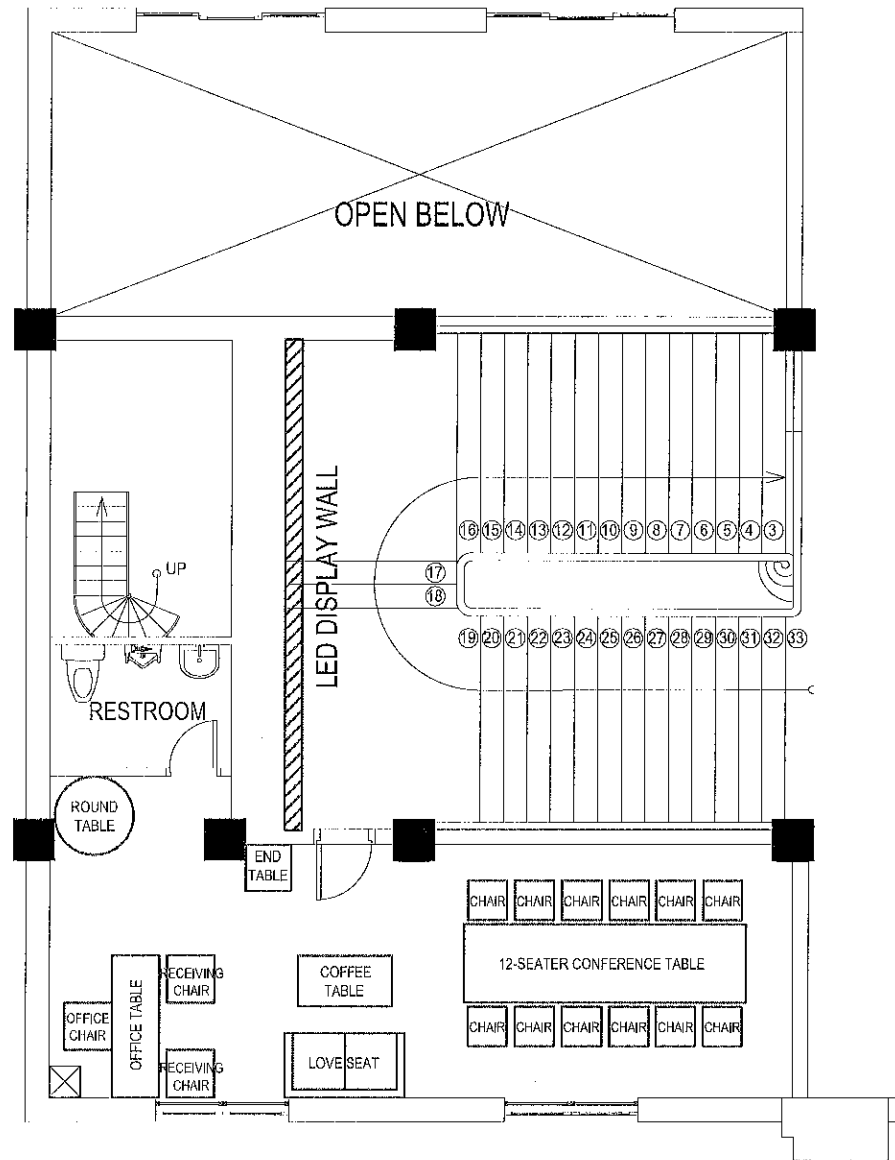
QTY (PC)	Description	Measurement	Material (Submit Samples for Approval)	Sample Pictures
1	Foldable Table	At least 60cm x 180cm x 75 cm	PVC table top and metal frame and bracing Note: Or any equivalent subject to approval prior to purchasing.	
2	Foldable Bench	At least 183cm (L) x 29cm (W) x 42cm (H)	PVC seat top and metal frame and bracing Note: Or any equivalent subject to approval prior to purchasing.	
2	Movable Stainless Steel Taxidermy Table with trench drain and footlock type wheels	At least 205cm (L) x 99cm (W) x 77cm (H)	Durable / Stainless Steel Metal Counter Note: Or any equivalent subject to approval prior to purchasing.	
2	Stainless Sink with side counter and P-trap and drain connected to blockouts	Counter: At least L 150 cm x W 70cm x H 90cm Bowl: At least L 80cm x W50cm x D 40cm	Stainless Steel, (big bowl type) Note: Or any equivalent subject to approval prior to purchasing.	
2	Gooseneck Faucet	At least 25 cm tall	Stainless Steel Note: Or any equivalent subject to approval prior to purchasing.	

QTY (PC)	Description	Measurement	Material (Submit Samples for Approval)	Sample Pictures
4	Metal racks for Storage	At least 76cm (L) x 30cm (W) x 152cm (H)	MDF / Steel Top Shelves, Metal Framing and Carcass - Keyhole Lock System. Note: Or any equivalent subject to approval prior to purchasing.	
1	Single Bed with Metal Frame	At least 90cm (W) x 200cm (L) x 80cm (H)	White Coated SS Metal Frame with 4" Thick Mattress or Bed Foam, 2 pillows, 2 pillowcases & 2 bed sheet cover Note: Or any equivalent subject to approval prior to purchasing.	
2	Movable Side Table with Adjustable Metal Frame and Foot-locked Wheels	At least 60 cm (W) x 90cm (L)	Laminated MDF Table top, Metal Frame Note: Or any equivalent subject to approval prior to purchasing.	
1	Reclining Chair for Breastfeeding	At least 60cm (W), 60cm (L), 95cm (H)	Upholstered chair with metal framing and reclinable backrest Note: Or any equivalent subject to approval prior to purchasing.	
1	Movable Partition	At least 100cm (L) x 200cm (H)	PVC or Polycarbonate Sheets on metal frame and base Note: Or any equivalent subject to approval prior to purchasing.	

QTY (PC)	Description	Measurement	Material (Submit Samples for Approval)	Sample Pictures
1	Stainless Steel Sink with Gooseneck Faucet, Counter with P-trap and Piping connected to blockouts	At least 120cm (L) x 60cm (W) x 80cm (H)	Stainless Steel Note: Or any equivalent subject to approval prior to purchasing.	
LOT 2: FURNITURE & FIXTURES (Supply, Delivery, & Installation) - NIM CEBU				Project Sub-Cost: Php 2,000,000.00

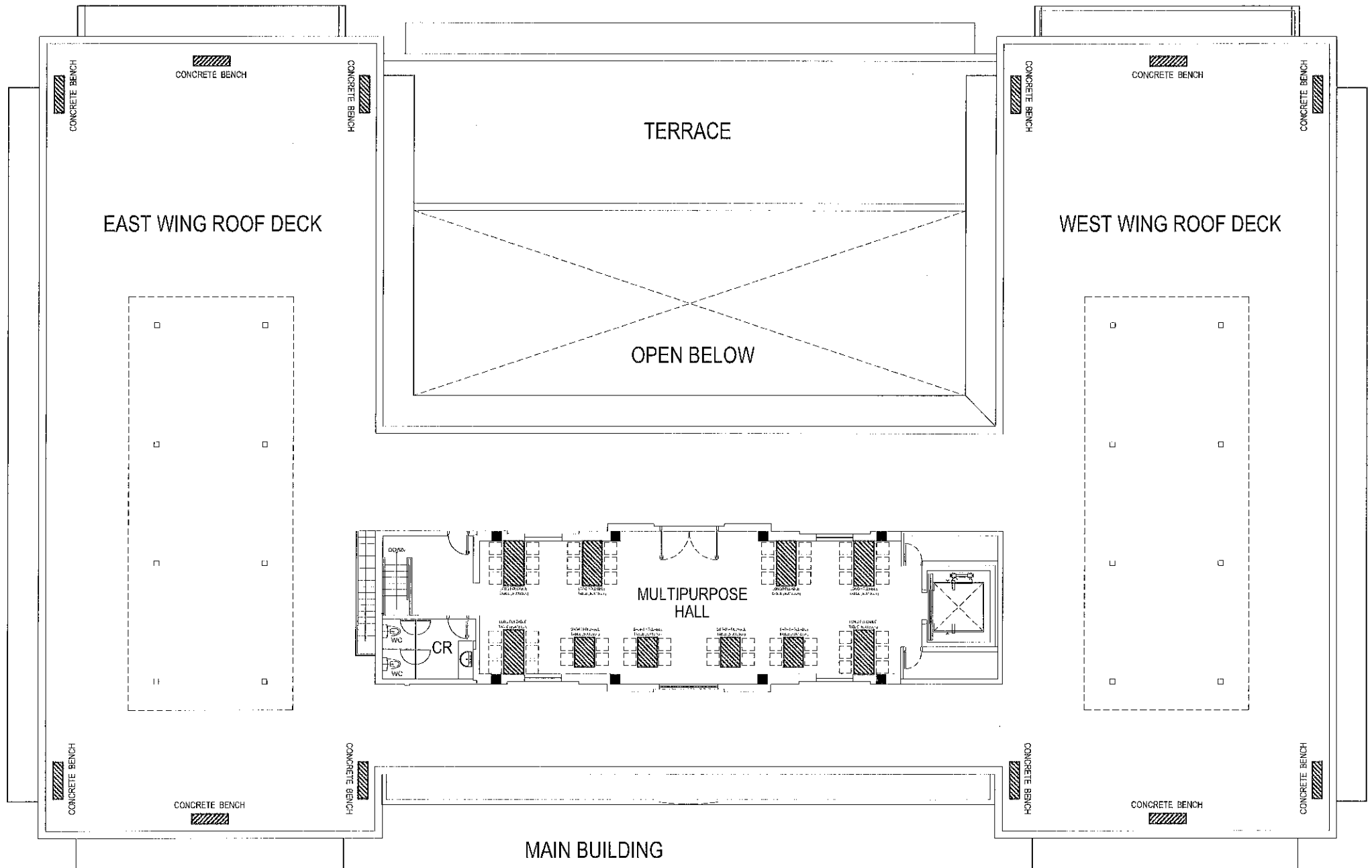


MAIN BUILDING
GROUND FLOOR PLAN

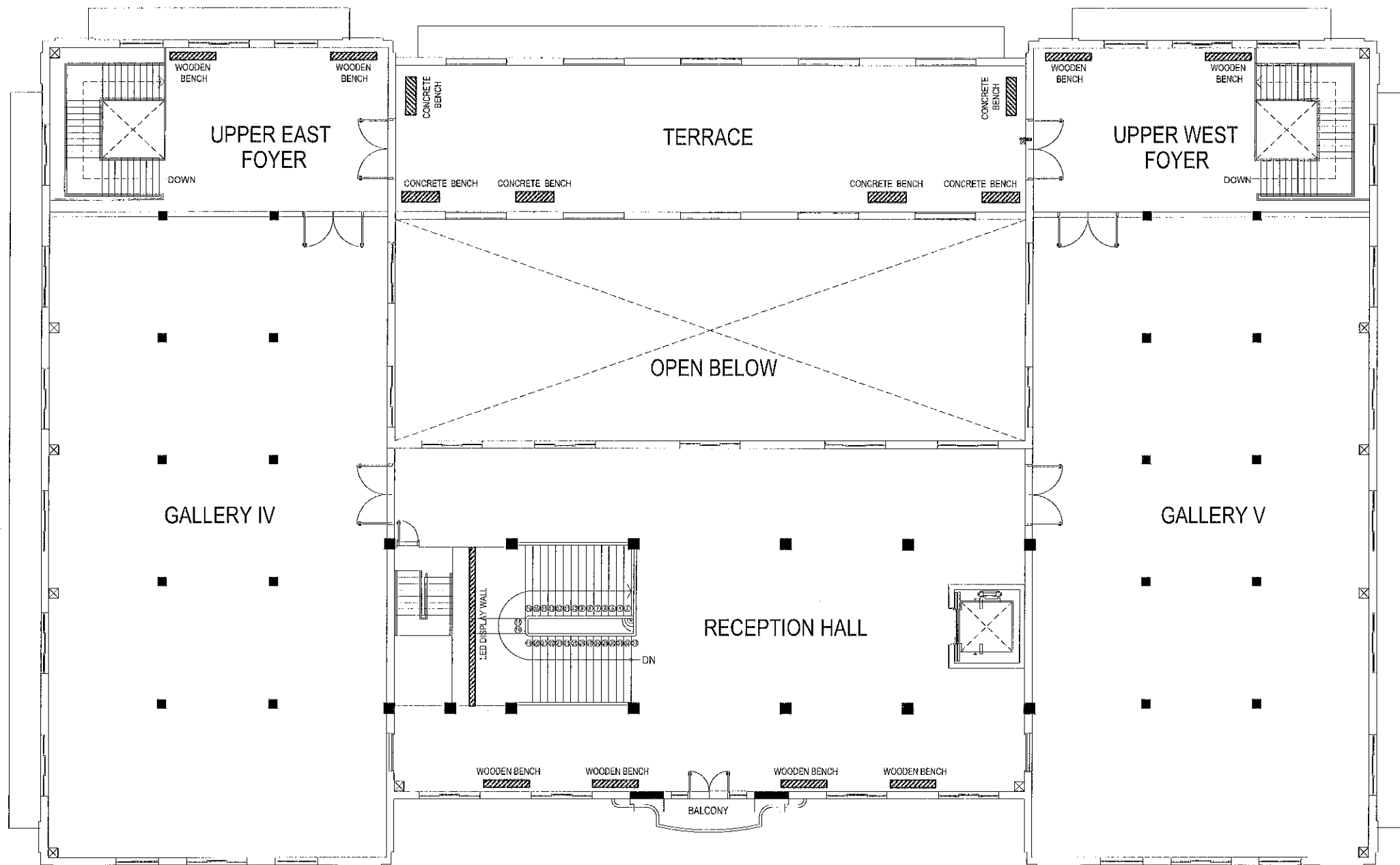


MAIN BUILDING

MEZZANINE FLOOR PLAN



MAIN BUILDING
ROOF DECK PLAN

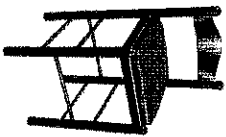

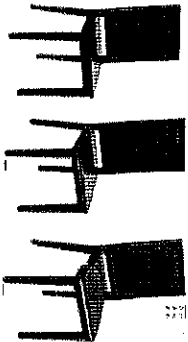





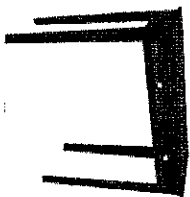
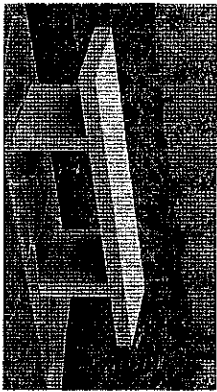
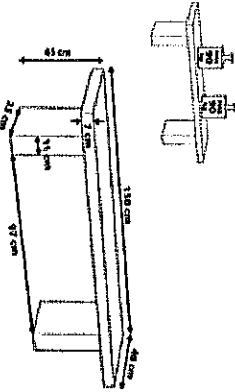
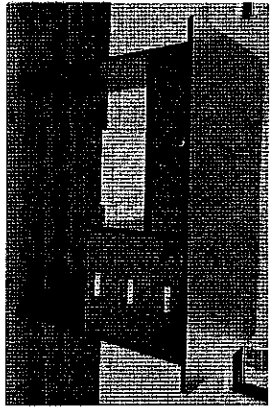
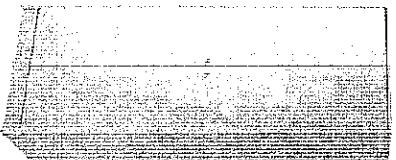
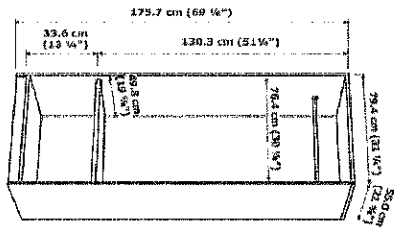
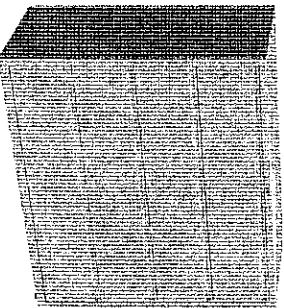
MAIN BUILDING
SECOND FLOOR PLAN

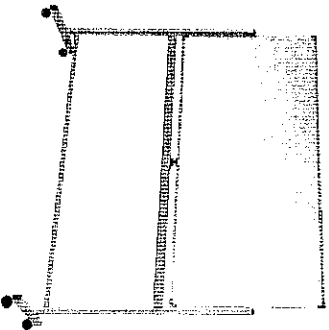
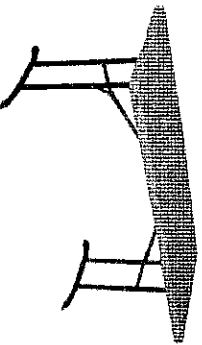

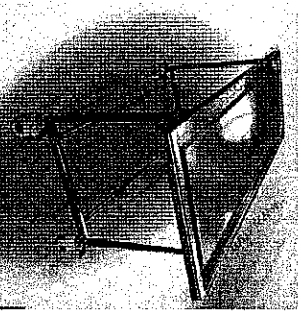
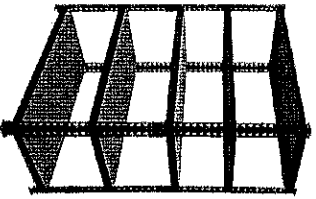
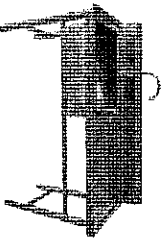



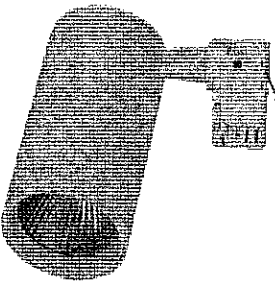
LOT 2: FURNITURE & FIXTURES (Supply, Delivery, & Installation)

Supplementary Furniture & Fixtures Specifications

<p align="center"> Location: National Museum of the Philippines-Tabon, Palawan Address: Lipuun Point, Tabon, Palawan Project Sub-Cost: Php 1,000,000.00 </p>					
QTY (PC)	Description	Measurement	Material (Submit	Sample Pictures	
4	Reception High Chairs	At least 50cm x 50cm / round-type Seating Height = At least 70cm	Hardwood Mahogany or Acacia Note: Or any equivalent subject to approval prior to purchasing.		
14	Bench	At least 30 cm x 180 cm x 45 cm	Hardwood Mahogany or Acacia with Upholstery Note: Or any equivalent subject to approval prior to purchasing.		
6	Receiving Chairs for Office Table	At least 17" x 19" x 37" HT.	Hardwood Mahogany or Acacia Note: Or any equivalent subject to approval prior to purchasing.	 OPTIONS 1, 2, 3	
4	3-seater Sofa	At least L 64" x D 17.75" x H 33"	Hardwood Mahogany or Acacia Note: Or any equivalent subject to approval prior to		
4	8	At least 47"(L) X 25"(W) 19"(H)	Hardwood - Mahogany or Acacia Finish with glass top Note: Or any equivalent subject to approval prior to purchasing.		
8	End Table	At least 23"(L) X 23"(W) 25"(H)	Hardwood - Mahogany or Acacia Finish Note: Or any equivalent subject to approval prior to purchasing.		

QTY (PC)	Description	Measurement	Material (Submit	Sample Pictures
4	Console Table	At least W 40cm x L 180cm x H 90cm	Hardwood Mahogany or Acacia Note: Or any equivalent subject to approval prior to purchasing.	
10	Concrete Benches	At least 40cm(W) x 1500cm (L) x 45cm (H)	Reinforced Concrete / Pebble Wash Finish Note: Or any equivalent subject to approval prior to purchasing.	 
2	OFFICE TABLE WITH 3 SMALL DRAWER AND 1 LONG DRAWER 120CM	At least W120cm x D57cm x H75cm	Laminated High- Density Fiberboards, with 4 drawers and lock Note: Or any equivalent subject to approval prior to purchasing.	
4	Wardrobe with 2 doors	At least Width: 79 cm (31 1/4 ") Depth: 55 cm (21 5/8 ") Height: 176 cm (69 1/4 ")	Top panel/ Bottom panel/ Side panel/ Shelf/ Plinth/ Door: Particleboard, Paper foil Back panel: Fiberboard, Printed acrylic paint, color: white Note: Or any equivalent subject to approval prior to purchasing.	 
2	Horizontal Filing Cabinets (4- Tier) with lock	At least L90cm x W45.5cm x H130cm	White Painted Color- Stainless Steel (Gauge 20) Note: Or any equivalent subject to approval prior to purchasing.	

QTY (PC)	Description	Measurement	Material /Subunit	Sample Pictures
2	Movable White Board with Metal Stand and wheels	At least 120cm (H) x 180cm (L)	Whiteboard Laminate on both sides and metal stand with wheels. Note: Or any equivalent subject to approval prior to purchasing.	
3	Foldable Table	At least 60cm x 180cm x 75 cm	PVC table top and metal frame and bracing Note: Or any equivalent subject to approval prior to purchasing.	
6	Foldable Bench	At least 183cm (L) x 29cm (W) x 42cm (H)	PVC seat top and metal frame and bracing Note: Or any equivalent subject to approval prior to purchasing.	
2	Movable Stainless Steel Taxidermy Table with trench drain and footlock type wheels	At least 205cm (L) x 99cm (W) x 77cm (H)	Durable / Stainless Steel Metal Counter Note: Or any equivalent subject to approval prior to purchasing.	
6	Metal racks for Storage	At least 76cm (L) x 30cm (W) x 152cm (H)	MDF / Steel Top Shelves, Metal Framing and Carcass - Keyhole Lock System. Note: Or any equivalent subject to approval prior to purchasing.	
1	Stainless Steel Sink with Gooseneck Faucet, Counter with P-trap and Piping connected to blockouts	At least 120cm (L) x 60cm (W) x 80cm (H)	Stainless Steel Note: Or any equivalent subject to approval prior to purchasing.	

QTY (PC)	Description	Measurement	Material (Submitt	Sample Pictures
32	Panel Light LED	At least 6" diameter	<p>Warm white, 9W, 230V, 1phase, white case</p> <p><i>Note: Or any equivalent subject to approval prior to purchasing.</i></p>	
18	Track light LED white case 20W, 230 V	At least Housing ø 4" H 2.3"	<p><i>Mult-line hole aluminum material, Good Heat Dissipation</i></p> <p><i>Adjustable track heads, 90-degree vertical rotation, 360-degree horizontal rotation</i></p> <p>Specification:</p> <p>Watts: At least 20W</p> <p>Frequency: 50/60Hz</p> <p>Material: Solid Aluminum</p> <p>Input Voltage: AC180-265V</p> <p>Light body color: White</p> <p>Lumens: At least 900LM</p> <p>Color of light: Warm White</p>	 <p><i>Note: Or any equivalent subject to approval prior to purchasing.</i></p>
LOT 2: FURNITURE & FIXTURES (Supply, Delivery, & Installation) - NM TABON				Project Sub-Cost: Php 1,000,000.00

FOR BID BULLETIN


LOT 3: AIR-CONDITIONING & VENTILATION SYSTEM (Supply, Delivery, Installation, Testing & Commissioning)

NMP TABON: Tabon Caves Area Museum & Satellite Office (TCAMSO)

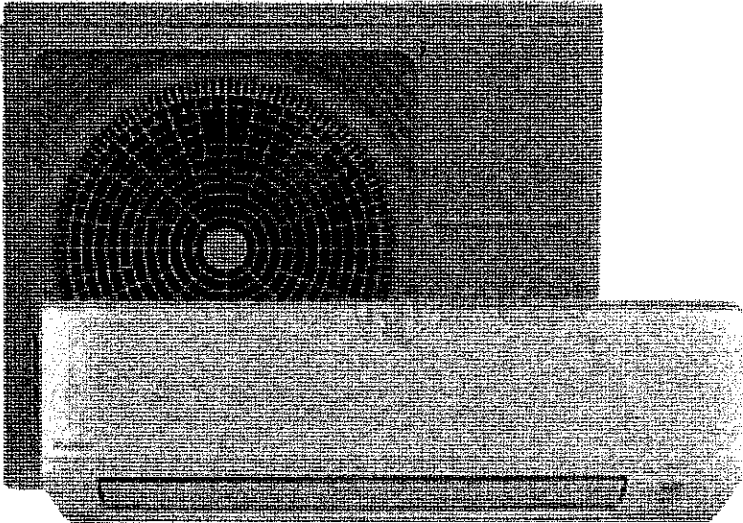
Address: *Lipuun Point, Tabon, Palawan*

LOT 3: AIRCONDITIONING & VENTILATION SYSTEM (Supply, Delivery, Installation, Testing & Commissioning) **SUPPLEMENTARY TECHNICAL SPECIFICATIONS**

	QTY	UNIT
<p>1. 1.5HP Split-type WALL Mounted Aircon Non-Inverter (1-Phase, 230V, 60 Hz) includes:</p> <ul style="list-style-type: none"> • Wall-mount support • Drilling & restoration works for piping hole • Exterior anti-rust treatment for outdoor condensing unit • Condensing unit elevated bracket / platform, • Provision for white-painted steel louver cover for condensing unit (design to follow) • Provision for electrical supply (upgrading of circuit breakers, wires, roughing-ins etc. • Confirm exact location on-site/plan <p>Further Specification:</p> <ul style="list-style-type: none"> • Rated Cooling Capacity (BTU/HR): At least 12,000 • Power Consumption (W): At least 1155 • Energy Efficiency Ratio (EER): At least 10.4 • Electrical (V/PH/Hz): At least 220/1/60 • Technology: Non-Inverter Type • Key Features: Timer, Auto Swing, Fast Cooling, Silent Mode, Wireless Remote • FCU Dimensions H x W x D (mm) 288 x 800 x 206 minimum • ACCU Dimension H x W x D (mm) 550 x 658 x 273 minimum • Pipe Size Liquid (mm) At least 6.35 • Pipe Size Gas (mm) At least 12.7 <p>NOTE: Or any equivalent/higher specs subject to approval prior to purchasing.</p>	5	units



1.5HP Split-type WALL Mounted Aircon Non-Inverter (1-Phase, 230V, 60 Hz)




Sample Photo

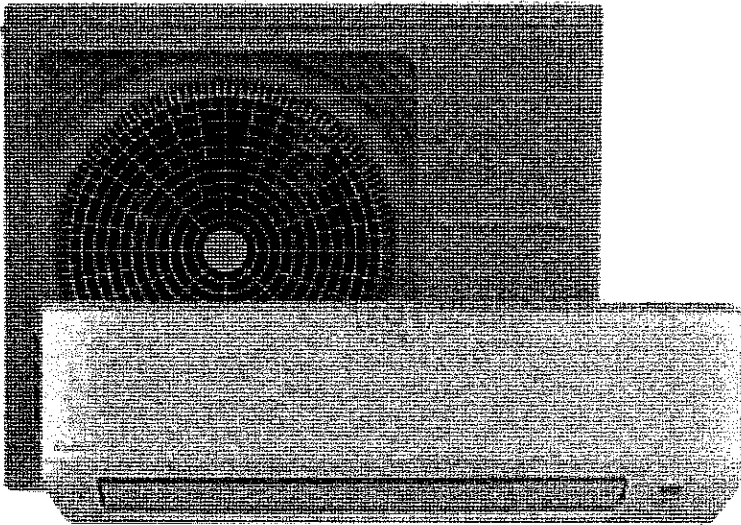
LOT 3: AIRCONDITIONING & VENTILATION SYSTEM (Supply, Delivery, Installation, Testing & Commissioning) **SUPPLEMENTARY TECHNICAL SPECIFICATIONS**

	QTY	UNIT
<p>2. 2.5HP Split-type WALL Mounted Aircon Non-Inverter (1-Phase, 230V, 60 Hz) Includes:</p> <ul style="list-style-type: none"> • Wall-mount support • Drilling & restoration works for piping hole • Exterior anti-rust treatment for outdoor condensing unit • Condensing unit elevated bracket / platform, • Provision for white-painted steel louver cover for condensing unit (design to follow) • Provision for electrical supply (upgrading of circuit breakers, wires, roughing-ins etc. • Confirm exact location on-site/plan <p>Further Specification:</p> <ul style="list-style-type: none"> • Rated Cooling Capacity (BTU/HR): At least 22,000 • Power Consumption (W): At least 2150 • Energy Efficiency Ratio (EER): At least 10.23 • Electrical (V/PH/Hz): At least 220/1/60 • Technology: Non-Inverter Type • Key Features: Timer, Auto Swing, Fast Cooling, Silent Mode, Wireless Remote • FCU Dimensions H x W x D (mm) 310 x 1065 x 224 minimum • ACCU Dimension H x W x D (mm) 651 x 885 x 328 minimum • Pipe Size Liquid (mm) At least 6.35 • Pipe Size Gas (mm) At least 15.9 <p>NOTE: Or any equivalent/higher specs subject to approval prior to purchasing.</p>	7	units

LEGEND (Floor Plan):



2.5HP Split-type WALL Mounted Aircon Non-Inverter (1-Phase, 230V, 60 Hz)



Sample Photo

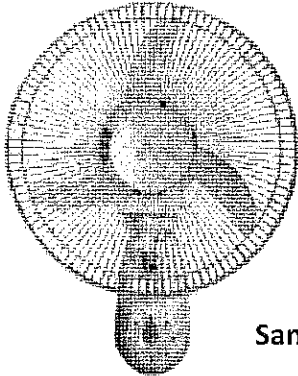
LOT 3: AIRCONDITIONING & VENTILATION SYSTEM (Supply, Delivery, Installation, Testing & Commissioning)
SUPPLEMENTARY TECHNICAL SPECIFICATIONS

	QTY	UNIT
3. Hanging Wall Fan		
• At least 18” (45cm blade) Wall Fan	16	units
• 3 Blades, Sturdy, Rust-Proof <u>(suitable for beachfront climate)</u>		
• Double Oscillation		
• Wide Oscillation Angle		
• Easy Tilt Adjustment		
• Color: White		
• Provision for power supply		
• Confirm exact location on-site/plan		

NOTE: Or any equivalent/higher specs subject to approval prior to purchasing.

LEGEND (Floor Plan):


 Hanging Wall Fan (Provision)

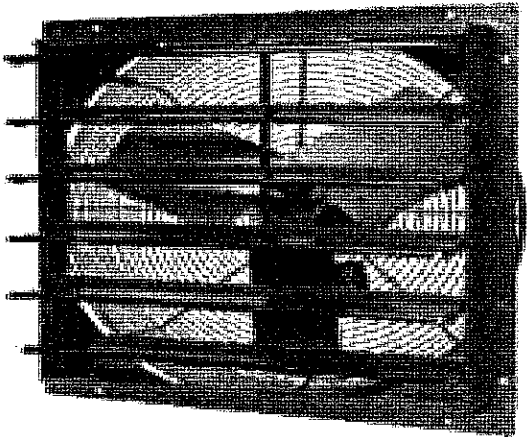


Sample Photo

LOT 3: AIRCONDITIONING & VENTILATION SYSTEM (Supply, Delivery, Installation, Testing & Commissioning)
SUPPLEMENTARY TECHNICAL SPECIFICATIONS

	QTY	UNIT
4. Wall Exhaust fan <ul style="list-style-type: none"> • Industrial type • At least 24 Inch, 3-speed controller oscillator • At least 200 watt power • Rust-Proof (suitable for beachfront climate) • Air volume – At least 215 m3/min • with built-in thermal fuse, variable-angle wall-mounted • Color-Black or equivalent • provision for power supply & switch • confirm exact location on site/plan 	3	units
NOTE: Or any equivalent/higher specs subject to approval prior to purchasing		

LEGEND (Floor Plan):  Wall Exhaust Fan



Sample Photo


LOT 3: AIRCONDITIONING & VENTILATION SYSTEM (Supply, Delivery, Installation, Testing & Commissioning)

SUPPLEMENTARY TECHNICAL SPECIFICATIONS

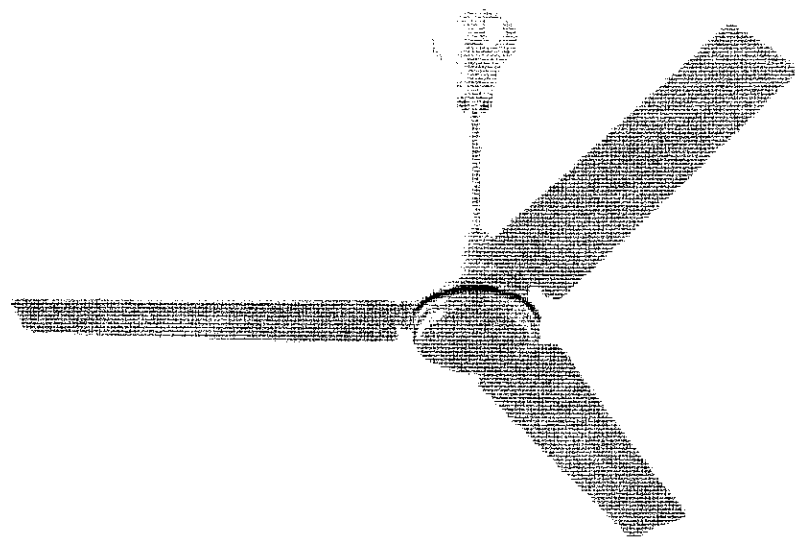
	QTY	UNIT
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<p>5. Ceiling Fan</p> <ul style="list-style-type: none"> • Color: White • Rust-Proof (suitable for beachfront climate) • Provision to include extender rods / fit-outs, power supply & switch as needed • Confirm exact location on-site/plan <p>Further Specification:</p> <ul style="list-style-type: none"> • Standard regulator series • At least 3-blade design • Prevention of product falling off • Compact size of regulator • At least 56 inches (1,400mm) blade span • Compact size condenser-controlled regulator • 5-speed selection • Cut-off safety switch equipped • Fall prevention of blade adopted • Safety wire provided to prevent detachment of fan motor from rod • Thermal fuse prevents overheating or power surge • Permanently lubricated ball bearing assembly <p>NOTE: Or any equivalent/higher specs subject to approval prior to purchasing.</p>	18	units
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LEGEND (Floor Plan):

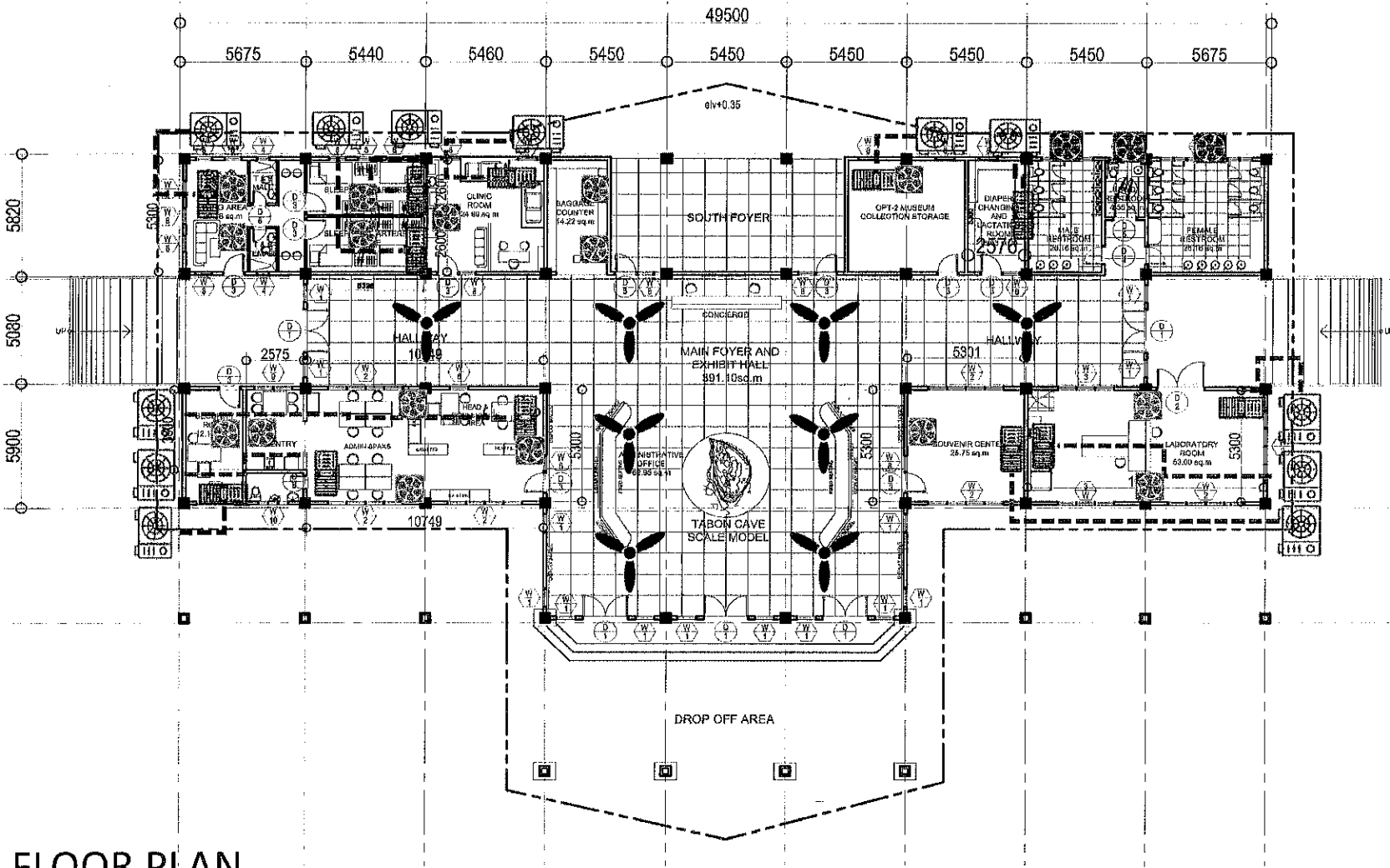


Ceiling Fan (3-Blade)

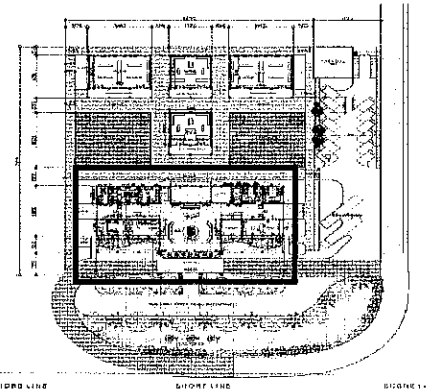


Sample Photo





LOT 3: AIR CONDITIONING & VENTILATION SYSTEM (Supply, Delivery, Installation, Testing & Commissioning)



Location in Site Dev't Plan



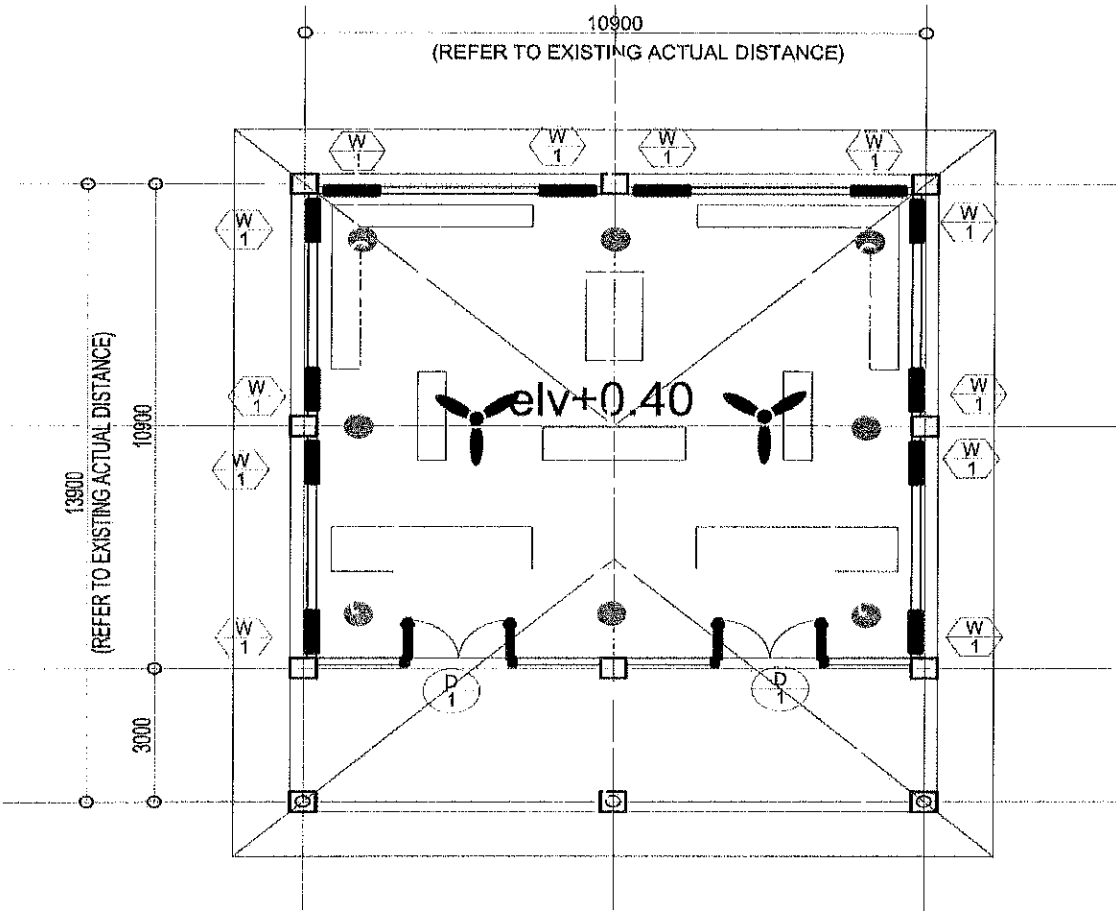
LEGEND: (See Specification at the Terms of Reference or ABC)

-  **Wall Exhaust Fan**
-  **Hanging Wall Fan (Provision)**
-  **1.5HP Split-type WALL Mounted Aircon Non-Inverter (1-Phase, 230V, 60 Hz)**
-  **2.5HP Split-type WALL Mounted Aircon Non-Inverter (1-Phase, 230V, 60 Hz)**
-  **Ceiling Fan (3-Blade)**

FLOOR PLAN

MAIN PAVILLION (Available Site Power Source: 1-Phase, 230V, 60hz)

LOT 3: AIR CONDITIONING & VENTILATION SYSTEM **(Supply, Delivery, Installation, Testing & Commissioning)**



FLOOR PLAN (Available Site Power Source: 1-Phase, 230V, 60hz)

GALLERY 1 & 3 (TYPICAL PLAN) – 2 Locations (At least 162 sqm, C. Ht. = 4mtrs)



Image above: Showing the Gallery 1 & 3

LEGEND: (See Specification at the Terms of Reference or ABC)

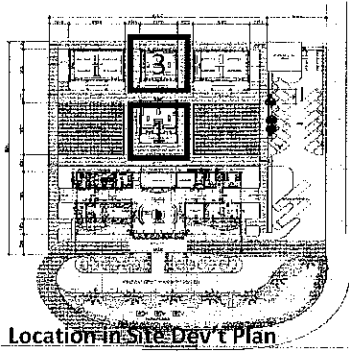
Existing Track Light



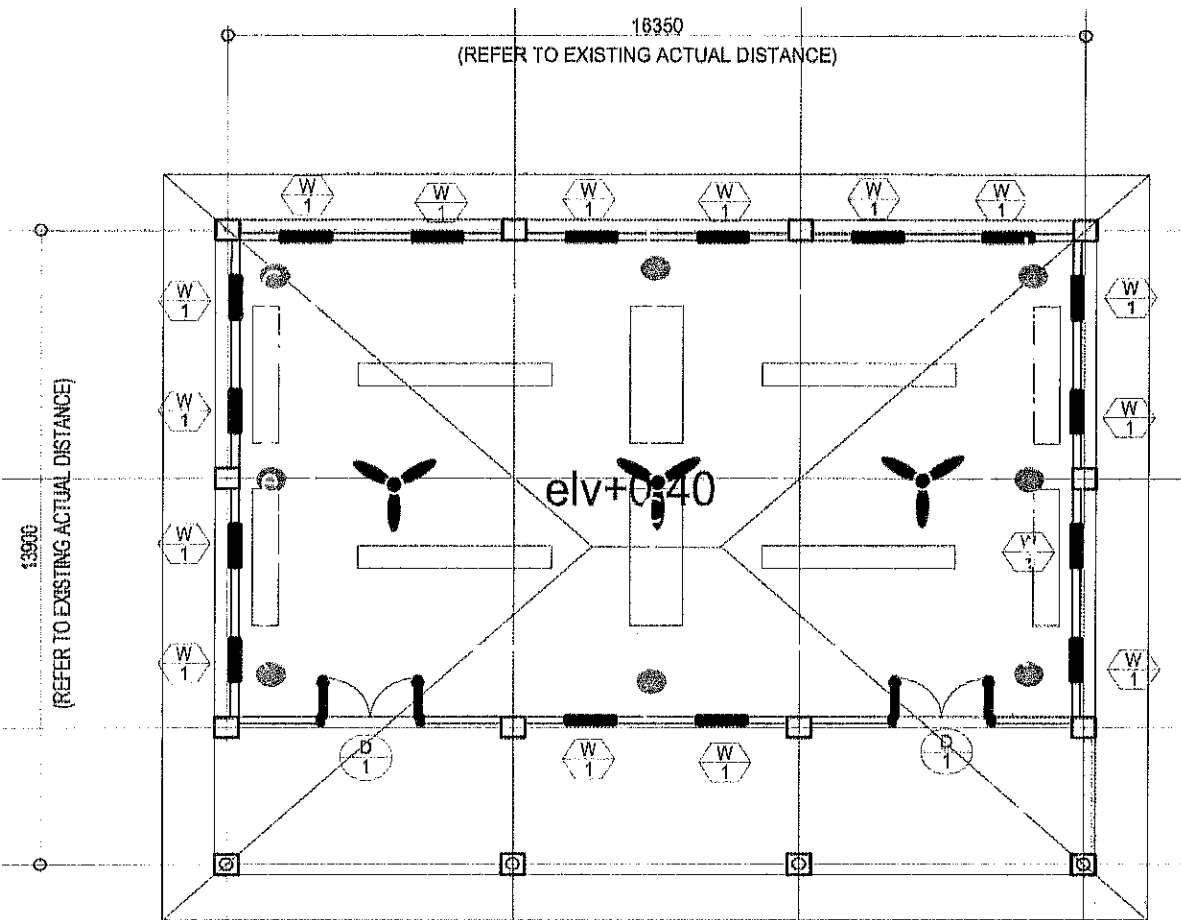
Ceiling Fan (3-Blade)



6" Diameter Panel Light



LOT 3: AIR CONDITIONING & VENTILATION SYSTEM
(Supply, Delivery, Installation, Testing & Commissioning)



FLOOR PLAN (Available Site Power Source: 1-Phase, 230V, 60hz)

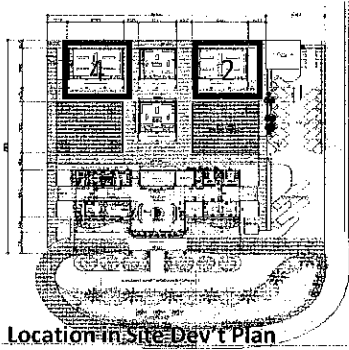
GALLERY 2 & 4 (TYPICAL PLAN) – 2 Locations (At least 162 sqm, C. Ht. = 4mtrs)



Image above: Showing the Gallery 2 & 4

LEGEND: (See Specification at the Terms of Reference or ABC)

- Existing Track Light
- 6" Diameter Panel Light
- Ceiling Fan (3-Blade)



Location in Site Dev't Plan