

- Ceramic General Wall Tiles, Nueva Grey Color – Matte Texture, 9mm thk. x 300mm x 600mm
 - Ground Floor Level - Common Men's CR, PWD's CR (*see details*)
- Ceramic General Wall Tiles, Tencil Ivory Color – Matte Texture, 9mm thk. x 300mm x 600mm
 - Ground Floor Level - Director's Powder Room, Function Hall's Powder Room (*see details*)
- Ceramic General Wall Tiles, Nueva Grey Color – Matte Texture, 9mm thk. x 300mm x 600mm
 - Second Floor Level - Common Men's CR (*see details*)
- Ceramic General Wall Tiles, Nueva Beige Color – Matte Texture, 9mm thk. x 300mm x 600mm
 - Second Floor Level - Common Women's CR (*see details*)
- Ceramic General Wall Tiles, Nueva Beige Color – Matte Texture, 9mm thk. x 300mm x 600mm
 - Second Floor Level – Room 203, Room 204, Room 206 (*see details*)
- Ceramic General Wall Tiles, Nueva Grey Color – Matte Texture, 9mm thk. x 300mm x 600mm
 - Second Floor Level – CRs: Room 201 CR, Room 202, Room 205 (*see details*)

XXIII.C China Natural Granite (17 mm thk.)

- China Natural Granite, Yellow Beige Color, 17mm thick
 - Ground Floor Level - Function Hall's Powder Room, Common Women's CR
 - Second Floor Level - Common Women's CR, CR-Room 206
- China Natural Granite, Manila White Color, 17mm thick
 - Ground Floor Level - Common Men's CR, PWD's CR
 - Second Floor Level - Common Men's CR, CR-Room 205
- China Natural Granite, Maraschino Red Color, 17mm thick
 - Second Floor Level – Kitchen
- China Natural Granite, Misty White Color, 17mm thick
 - Ground Floor Level - Pantry

XXIV. Carpentry and Joinery Works

The work under this Item shall consist of furnishing all required materials, fabricated woodwork, tools, equipment and labor and performing all operations necessary for the satisfactory completion of all carpentry and joinery works in strict accord with applicable drawings, details and these Specifications.

1. All materials to be incorporated in the carpentry and joinery works shall be of good quality. Before incorporation in work, all materials shall have been inspected/accepted by the Project Monitoring Committee.
2. Materials shall be protected from dampness during and after delivery at the site. Materials shall be delivered well in advance of actual need and in adequate quantity to preclude delay in the work.
3. Fabricated woodwork shall be done preferably at the shop. It shall be done true to details and profiles indicated on the Plans.
4. In case of variations or changes in the design per actual site condition, shop drawings complete with essential dimensions and details of construction, as may be required by the Engineer in connection with carpentry and joinery work, shall be submitted for approval before proceeding with the work.
5. Where set against concrete or masonry, woodwork shall be installed when curing is completed.
6. Exposed wood surfaces shall be free from disfiguring defects such as raised grains, stains, uneven planing, sanding, tool marks and scratches.
7. Exposed surfaces shall be machine or hand sanded to an even smooth surface, ready for finish.
8. Exposed edges of plywood or plywood for cabinets shall be provided with select grade hardwood strips and/or wood trims, rabbeted as necessary, glued in place and secured with finishing nails. To prevent splitting, hardwood for trims shall be drilled before fastening with nails or screws.

9. Nails, screw, belts and straps shall be provided and used where suitable for fixing carpentry and joinery works. All fasteners shall be brand new and of adequate size to ensure rigidity of connections.
10. Plywood shall be good grade and made of laminated wood strips of uniform width and thickness bounded together with water resistant resin glue. It shall be free from defects such as split in veneer, buckling or warping.
11. Shop drawings complete with essential dimensions and details of construction, as may be required by the Engineer in connection with carpentry and joinery work, shall be submitted for approval before proceeding with the work.

XXIV.A Carpentry and Joinery Works (Typhoon Guards)

- a. Use ¾" thk. Marine Plywood, Class A with ½" thk. Hard wood strips and/or wood trims.
- b. No cut shall be made per panel of typhoon guard, unless other proper wood splicing is observed as approved by the Project Monitoring Committee.
- c. Exterior/ exposed windows shall be provided with corresponding Typhoon Guards per schedule as summarized below:

WINDOW TYPE	TYPHOON GUARD DIMENSIONS		TOTAL NO OF TYPHOON GUARDS
	Width (mm)	Height (mm)	
W1	1800	1200	30
W2	900	1200	7
W3	1800	900	2
W4	1200	600	5
W5	1000	500	3
W6	500	500	6
W7	1000	1550	2
W8	500	1550	4
Fixed Glass Window	400	5040	5
Skylight	7200	2400	1

XXIV.B Carpentry and Joinery Works (Built - In Cabinets, Reception & Island Counter)

Location	Description	Unit	Quantity Required
Kitchen Cabinets Counter & Hanging			
Second Floor Kitchen Area	Kitchen Counter Cabinet: 0.60mW x 6.77mL x 0.7mH Hanging Cabinet: 0.45mW x 6.77mL x 1.0mH Materials: 18mm thk Melamine Marine Laminated (Silky Oak) ¾" thk. Marine plywood (Painted with white), Class A, 2"x2"x10' Good Lumber Cabinet Frame, PVC Edge Band and 20mm x 20mm Liston Wood Edging with Hydraulic Buffer Concealed Hinges (Inset), 128mm SS	set	1

Pantry Cabinets Counter & Hanging			
Ground Floor Pantry Area	Counter Cabinet: 0.60mW x 3mL x 0.7mH Hanging Cabinet: 0.60mW x 3mL x 1.0mH Materials: 18mm thk Melamine Marine Laminated (Silky Oak), 3/4" thk. Marine plywood (Painted with white) Class A, 2"x2"x10' Good Lumber Cabinet Frame, PVC Edge Band and 20mm x 20mm Liston Wood Edging with Hydraulic Buffer Concealed Hinges (Inset), 128mm SS Flush Pull Handle.	set	1
Display Counter Cabinet			
Ground Floor – near function hall (see on plan)	Counter Cabinet: 0.325mW x 1.78mL x 0.90mH Materials: 18mm thk Melamine Marine Laminated (Steam Beech), 3/4" thk. Marine plywood (Painted with white), Class A 2"x2"x10' Good Lumber Cabinet Frame, PVC Edge Band and 20mm x 20mm Liston Wood Edging on every corner with Hydraulic Buffer Concealed Hinges (Inset), 128mm SS Flush Pull Handle.	set	1
Display Cabinet with Display Racks			
Ground Floor – Display Area	Cabinet with Display Racks: 0.350mW x 12.65mL x 2.8mH Materials: 18mm thk Melamine Marine Laminated (Steam Beech), 3/4" thk. Marine plywood (Painted with white), Class A, 2"x2"x10' Good Lumber Cabinet Frame, PVC Edge Band with Hydraulic Buffer Concealed Hinges (Inset), 128mm SS Flush Pull Handle, with 6mm thk. clear glass on aluminum framing and accessories.	set	1
Reception Counter			
Ground Floor Reception Counter @ Function Hall	Reception Counter: 0.325mW x 1.13mL x 0.90mH Material: 18mm thk. Melamine Marine Laminated (Steam Beech) + PVC Edge Band on every corner	set	1
Island Table			
Second Floor Kitchen Area	Island Table: 0.8mW x 1.5mL x 0.70mH Materials: 18mm thk. Melamine Marine Laminated (Steam Beech), 3/4" thk. Marine plywood (Painted with white) + PVC Edge Band and 20mm x 20mm liston wood edging on every corner with Hydraulic Buffer Concealed Hinges (Inset), 128mm SS Flush Pull Handle, and 300mm Full Extension Ball Bearing Drawer Guide.	set	1

XXV. Painting Works

This Item shall consist of furnishing all paint materials, and other related products, labor, tools, equipment and plant required in undertaking the proper application of painting and related works indicated on the Plans and in accordance with this Specification.

- a. The Contractor prior to commencement of the painting, and related work shall examine the surfaces to be applied in order not to jeopardize the quality and appearances of the painting varnishing and related works.
- b. Voids, cracks, nick etc. will be repaired with proper patching material and finished flushed with surrounding surfaces.
- c. Marred or damaged shop coats on metal shall be spot primed with appropriate metal primer.
- d. Painting and varnishing works shall not be commenced when it is too hot or cold.
- e. Allow appropriate ventilation during application and drying period.
- f. All hardware will be fitted and removed or protected prior to painting and varnishing works.
- g. At the time of application paint shall show no sign of deterioration. Paint shall be thoroughly stirred, strained and kept at a uniform consistency during application. Paints of different manufacture shall not be mixed together. When thinning is necessary, this may be done immediately prior to application in accordance with the manufacturer's directions
- h. All material to be used under this Item shall be stored in a single place to be designated by the Engineer and such place shall be kept neat and clean at all time. Necessary precaution to avoid fire must be observed by removing oily rags, waste, etc. at the end of daily work.
- i. Upon completion of the work, all staging, scaffolding and paint containers shall be removed. Paint drips, oil, or stains on adjacent surfaces shall be removed and the entire job left clean and acceptable to the implementing agency.
- j. All paints shall be evenly applied. Coats shall be of proper consistency and well brushed out so as to show a minimum of brush marks.
- k. The paint when applied shall be so manipulated as to produce a uniform even coating in close contact with the surface being painted, and shall be worked into all corners and crevices.
- l. All coats shall be thoroughly dry before the succeeding coat is applied.
- m. Where surfaces are not fully covered or cannot be satisfactorily finished in the number of coats specified such preparatory coats and subsequent coats as may be required shall be applied to attain the desired evenness of surface without extra cost to the agency.
- n. Where surface is not in proper condition to receive the coat the monitoring committee shall be notified immediately. Work on the questioned portion(s) shall not start until clearance be proceed is ordered by the PMC.
- o. Hardware, lighting fixture and other similar items shall be removed or 'protected during the painting varnishing and related work operations and re-installed after completion of the work.
- p. If repainting, remove all loose, scaling, flaking and peeling off paint using wire brushing, scraping or water blasting.
- q. For chalking old paint, apply a water-based, low VOC paint for priming.
- r. In case of mildew infestation, treat with fungicidal wash solution or bleach solution (1:3, laundry bleach to water, respectively) by swabbing or brushing. To ensure proper treatment, allow to stand on surface for overnight before washing off residue.
- s. Paint colors shall be following as per plan

XXV.A Painting Works (Concrete)

- a. Concrete and masonry surfaces shall be coated with concrete neutralizer and allowed to dry before any painting primer coat is applied. When surface is dried apply first coating.
- b. Hairline cracks and unevenness shall be patched and sealed with approved putty or patching compound.
- c. After all defects are corrected apply the finish coats as specified on the Plans (color scheme approved).
- d. Allow new masonry to dry for 14 days (for exterior surfaces) to 28 days (for interior surfaces) under normal weather conditions before painting.