

<p>PANIC DOOR</p> <p>Lauan Panel Door on Lauan Door Jamb with 4 – Heavy Duty Stainless Steel Loose Pin bearing type Hinges (3"x4"x 2.5mm thk.), AMERILOCK Door Knob Lever type – Stainless Steel and Polished Silver Finish, Heavy Duty Foot Lock</p>	<p>D4</p>	<p>1 sets</p>	<p>OFFICE</p>	<p>0.80mW x 2.1 mH</p>
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XVI. Windows

1. This scope of work includes fabrication and installation of Windows including all items required to be fabricated like window jambs, aluminum frames and provision of complete accessories as shown and specified in the schedule of Windows.
2. This scope of work also includes provision of Windows and frames conforming to the sizes, dimensions and designs as shown and specified in the details and schedule of Windows.
3. Contractor to ensure that all materials to be used shall be in accordance with the required specifications as stated on this scope:
 - Use 6mm thick Angle bar/ Flat bar for all steel casement windows.
 - Use 1.2mm thk. Powder coated aluminum frames (black) for all sliding glass windows.
 - Use ¼" thk. Clear Glass for all windows with glass panels per design.
4. All windows shall be provided with corresponding heavy-duty locking devices, as well as fixing accessories.
5. All window sizes and design shall be verified prior to fabrication and installation.

GENERAL SPECIFICATIONS	WINDOW TYPE	NO. OF SET	LOCATION	TECHNICAL DIMENSIONS
<p>Sliding Window Glass ¼" thick glass window with fixed ¼" thick glass transom on black 1.2mm thk. Powdered Coated Aluminum Frame with Complete Accessories</p>	<p>W1</p>	<p>1 sets</p>	<p>OFFICE</p>	<p>1.50mW x 1.50mH</p>
<p>Steel Casement Window ¼" thick glass window with fixed ¼" thick glass transom complete Accessories</p>	<p>W1</p>	<p>4 sets</p>	<p>OFFICE/ STOCK ROOM</p>	<p>1.50mW x 1.20mH</p>
<p>Steel Casement AWNING Window ¼" thick glass window with fixed ¼" thick glass transom complete Accessories</p>	<p>W1</p>	<p>1 sets</p>	<p>Comfort Room</p>	<p>0.60mW x 0.60mH</p>

XVII. Typhoon Guards

1. Provide corresponding 3/4" marine plywood typhoon guard for all window.
2. Provide Liston Wood Edging on every corner edge of the fabricated typhoon guard.
3. No cuts shall be made on all typhoon guards.
4. Provide wood edging for every edge.

XVIII. Exhaust Wall.

See Plan for details and specifications

XIX. Steel Gate

See Plan for details and specifications

XX. Cement Plaster Finish

This Item shall consist of furnishing all cement plaster materials, labor, tools and equipment required in undertaking cement plaster finish as shown on the Plans and in accordance with this Specification.

1. The contractor shall provide 16 mm thick cement plaster finish on all exposed CHB Masonry including uneven, slump, etc. concrete surface.
2. Fine aggregates shall be clean, washed, and free from dirt, clay, organic matter or other deleterious substances.
3. Surfaces to receive cement plaster shall be cleaned of all projections, dust, loose particles, grease and bond breakers. Before any application is commenced all surfaces that are to be plastered shall be wetted thoroughly with clean water to produce a uniformly moist condition.
4. Finish coat shall not be applied until after the brown coat has seasoned for seven days and
5. Cement plaster shall not be applied directly to concrete or masonry surface that had been coated with bituminous compound and surfaces that had been painted and previously plastered.
6. Cement plaster finish shall be true to details and plumbed. Finish surface shall have no visible junction marks where one (1) Day's work adjoins the other.
7. All cement plaster finish shall be measured in square meters or part thereof for work actually completed in the building.

XXI. Cement Floor Toppings

1. This scope includes 50 mm thk non-skid cement floor toppings at ground floor spaces indicated on the plan.
2. All ramp on grade shall have a minimum thickness of 25mm Non-skid cement floor finish with 6mm groove lines spaced at 19mm.

XXII. Tile Works

This Item shall consist of furnishing and installing all ceramic tiles, cementitious materials, wood tiles, tools and equipment including labor required in undertaking the proper installation of floor tiles as shown on the Plans and in accordance with this Specification.

1. Tile work shall not be started until roughing-ins for plumbing, electrical and other trades have been completed and tested. The work of all other trades shall be protected from damage.
2. Surface to receive tile must be level, true to elevation, dry, free from dirt, oil and other ointments. Allow at least seven days curing of scratch coat and setting bed.

3. Installation work shall not be allowed to proceed until unsatisfactory conditions are corrected.
4. Thoroughly dampen surfaces of masonry or concrete walls before scratch tile adhesive is applied.
5. On masonry or concrete surface first apply a thin coat with pressure, then bring it out sufficiently to compensate for the major irregularities of the surface to a thickness not less than 10 mm. at any point.
6. Evenly rate scratch coat to provide good mechanical key before the mortar/ tile adhesive mix has fully hardened.
7. The Contractor shall verify with the Technical Planning Committee the exact tile specification before installation.
8. Use tile adhesive as prescribed by the tile manufacturer. No voids are allowed between tile adhesive and tiles before installation.
9. The tile setting shall be properly leveled.
10. Tile adhesive shall be applied to the surface with a notched trowel to a thickness of approximately 3-4 mm.
11. Use a tile spacer of 3 mm before installation to observe proper laying pattern and spacing.
12. Tiles shall be pressed into the adhesive, tapped firmly into position, and cleaned as soon as the bedding is complete.
13. Grouting mortar shall be applied over the tile by float or squeegee stroked diagonally across the joints. Remove excess mortar with a wet squeegee stroked diagonally or in a circular motion after 12-15 minutes. Follow with a barely damp or dry sponge to remove the remaining haze while smoothing all grouted joints.
14. Finish tiled flooring shall be properly graded to drain rainwater. Provide a minimum pitch of 1 on 100 satisfactorily drain rainwater freely into the floor drain, drainage lines, gutters and downspouts.
15. Tile setting finish must be observed in proper setting, fit, and stable. Any improper setting shall be reworked/reinstalled by the Contractor.
16. Clean tile surfaces thoroughly as possible upon completion of grouting. Remove all grout haze, observing tile manufacturers recommendations as to use of acid or chemical cleaners. Rinse tile thoroughly with clean water before and after using chemical cleaners. Polish surface of tile with soft cloth.
17. In addition, cover tile flooring with heavy-duty no staining construction paper, taped in place. Just before final acceptance of the work removes paper and rinse protective coat of neutral cleaner from tile surface. Do not let protective paper get torn 'or removed.
18. Prior to procurement, Contractor shall submit the specification of materials to be purchased in reference to Annex "A" – Floor Finish Schedule for review and approval by TPC/PMC.
19. Use reference texture of the tiles provided:

XXIII. Painting Works

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

1. 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.
2. Marred or damaged shop coats on metal shall be spot primed with appropriate metal primer.
3. Painting works shall not be commenced when it is too hot or cold.
4. Allow appropriate ventilation during application and drying period.
5. All hardware will be fitted and removed or protected prior to painting works.
6. 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.