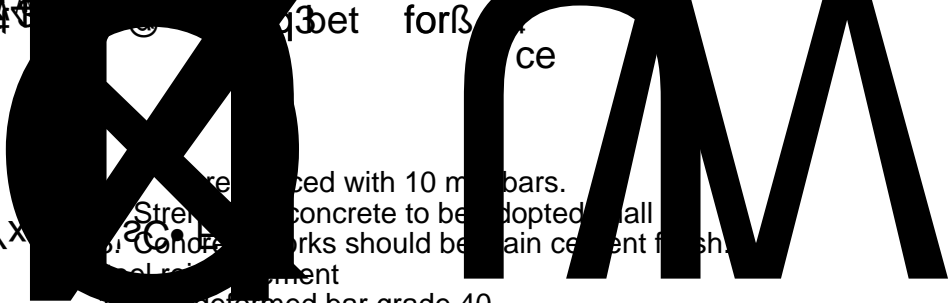


Republic of the Philippines

Indang, Cavite

Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	EARTHWORKS (Pesos _____ _____ and _____ centavos)				
II	CONCRETE WORKS (Pesos _____ _____ and _____ centavos)				
III	MASONRY AND TILE WORKS (Pesos _____ _____ and _____ centavos)				
IV	CARPENTRY WORKS (Pesos _____ _____ and _____ centavos)				
V	TRUSSES AND ROOFING WORKS (Pesos _____ _____ and _____ centavos)				
VI	MISCELLANEOUS WORKS (Pesos _____ _____ and _____ centavos)				
VII	ELECTRICAL WORKS (Pesos _____ _____ and _____ centavos)				

VIII PLUMBING WORKS
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... reinforced with 10 mm bars.
Strengthening concrete to be adopted in all
Concrete works should be in cement finish
of reinforcement

1. Use deformed bar grade 40.
2. Provide 12 mm. Ø temperature bars at 0.30 meter on center both ways for slab on fill at ground floor.
3. Provide necessary tools and equipment needed for steel works.
4. See plan for details and extent of work.

A. CHB Laying

1. Installation of CHB reinforced with 10 mm Ø deformed bar spaced at 0.60 m. on center every three layers.
 - a. 6" for interior walls and septic tank.

B. Tile Work

- Supply information on the following:
1. Ceramic colored tiles (local) 0.40 m. for the whole area of ground and floor of the building. Tiles must be selected with dark colors. Use unglazed ceramic tiles for kitchen, laboratory, laundry, entrance/exit lobby and ramp. Use tiles with groove for corridors.
 2. For comfort room:
 - a. Granite colored tiles 24" x 24" for flooring (unglazed)
 - b. Decorative colored tiles 24" x 24" glazed tiles for the entire wall (from floor to ceiling)
 3. Provide concrete slab for the laboratory concrete counter including 0.6 m of its wall. Consider the preference of tiles.

1. Provide necessary form lumber

A. Doors

- 1 set of D-1 Aluminum frame doors complete with all accessories with 3/8" thick colored glass on colored powder coated finished.
- 4 sets of D-3 Flush doors with 1/4" thick clear glass view window, complete with all accessories on 2" x 5" KD door jamb.
- 11 sets of D-4 Flush doors complete with all accessories on 2" x 5" KD door jamb.
- 2 sets of D-5 Flush doors complete with all accessories on 2" x 5" KD door jamb.
- 4 sets of D-6 (0.60 m. x 1.40 m.) Aluminum frame door complete with all accessories, alum. cladding.
- 9 sets of D-7 Aluminum frame doors complete with all accessories, with decorative glass window.

B. Windows

- 18 sets W-1: sets of W-1 Aluminum sliding glass windows complete with all accessories; 1/4" thick colored glass on powder coated colored framing fixed header; on 2"x 4" colored alum. Jamb.
- 4 sets of W-2 Aluminum sliding glass windows complete with all accessories; 1/4" thick colored glass on powder coated colored framing fixed header; on 2"x 4" colored alum. Jamb.
- 1 set of W-3 Aluminum fixed glass windows complete with all accessories; 1/4" thick colored glass on powder coated colored framing fixed header; on 2"x 4" colored alum. Jamb.
- 4 sets of W-4 Aluminum sliding glass windows complete with all accessories; 1/4" thick colored glass on powder coated colored framing fixed header; on 2"x 4" colored alum. Jamb.
- 2 sets of W-5 Aluminum awning glass windows complete with all accessories; 1/4" thick colored glass on powder coated colored framing fixed header; on 2"x 4" colored alum. Jamb.

C. Stainless Sheet for Working Tables

- Provide ga. 16 stainless sheet for all working tables including 0.60 m. of its wall.

D. Stainless railing (Stairs, PWD ramp and grab rail for PWD CR). Provide 1.5 mm thick (304) stainless tubing for railings. Use 2" and 1" tubing.

E. Fire Escape Ladder

- Provide 1/4" x 2" stainless flat bar with 1" stainless tubing.

F. Water Proofing

- Provide 3 coats of waterproofing for the whole gutter, roofdeck area and all comfort rooms.

1. Installation of feeder line and secondary post including all its accessories.

- Installation of MDP, ACP, LP and all other panel boards on the plan and their circuit breakers. _____ should be used. Tap to the source including testing.

2. Installation of wiring/conductors and PVC conduits/junction box/utility box from main/sub-main panel boards to convenience outlet/light outlet/ACU outlet.

- THHN stranded wire, Phelp dodge or approved equal.
- PVC conduit orange pipe with sizes as indicated on the plan.
- Utility and junction boxes should be PVC & deep type.

3. Installation of electrical fixtures/switches/outlets and other electrical devices.

- a. Switches (Bticino, National or its equivalent)
- b. Two gang convenience outlets (Bticino, National or its equivalent)
- c. 2-18W LED fluorescent lamp w/ diffuser (53 sets)
- d. 1-18W LED fluorescent lamp w/ diffuser (9 sets)
- e. Pinlight with 9W LED bulb (62 sets)
- f. Spotlight 20W LED (2 sets)
- g. Wall lamp with 7W LED bulb (8 sets)
- h. Water heater (9 units)
 - Tankless water heater 6500W 220V with LED digital display.

4. Consult plan for details and extent of works.

5. Construction of service entrance is included.

A. Water Supply Line

1. Adopt PPR pipes and fittings for water lines.

- a. 1" and ½" Ø for water line.
 - b. Provide a gate valve for every comfort room.
 - c. Provide water meter.
 2. Supply and installation of one unit stainless tank, capsule type with partition, with concrete base.
thickness = 2.0 mm. ; length = 2.40 m. ; dia. = 2.20 m.
 3. Tapping to the source is included.
 4. No pipe should be embedded without testing it to leak.
- B. Sewer Line and Down Spout
1. Adopt PVC heavy duty orange pipes and fittings for ventilation, downspout and the whole sewer line system including the septic tank fittings.
 - a. Use 4" Ø for main lines, water closet and down spout.
 - b. Use 2" Ø for the lavatory and ventilation.
 - c. Provide brass roof drain.
 2. Supply and installation of RCP for storm drainage (see plan)
 3. Provide one unit cistern tank (2.0 m. x 2.0 m. x 2.50 m.) used CHB #5.
 4. Provide one unit septic tank (see plan)
 5. Provide catch basins with 6" Ø concrete reinforced pipes.
- C. Fixture
- Supply and Installation of the following:
- a. 1 set of Bathtub
 - b. 13 sets of Water closet
 - c. 5 sets of Under the counter lavatory
 - d. 9 sets of Wall hung lavatory with soap & tissue holder.
 - e. 9 sets of Shower head & valve
 - f. 9 sets of Stainless

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