CONSTRUCTION OF NEW PAGASA SYNOPTIC BUILDING, POWERHOUSE, PERIMETER FENCE AND OBSERVER'S QUARTER
Mulanay, Quezon

CONSTRUCTIONS SPECIFICATION AND SCOPE OF WORKS

1. Clearing and scrapping of site and Staking.
2. Excavation works.
3. Steel work fabrication for Beams (2F-RF), Footing , Column, Tie and Grid beams
4. Concreting works Beams (2F-RF), Footing ,Column, Tie and Grid beams.
5. Footing foundation size 2.0m x 2.0m x 0.30m class “A” mixtures footing detail see attached plan
6. Concrete works on slab from ground to roof deck.
7. Wall foundation shall be 0.30m width of concrete mixtures class “A”
8. Concrete flooring 0.50m above natural ground level, concrete thickness 0.10m with 10mm dia. Deformed steel bars @ 0.60m o.c. both ways.
9. Concrete column size 0.35m x 0.35m and .20m x .20m concrete mixture class “A”(please see schedule at design details drawing)
10. Beam and Lintel beams sizes concrete mixtures class “A”(please see Schedule at design details drawing)
11. Form and steel preparation / concrete pouring of concrete gutters works
12. CHB # 6 layer for wall foundation and CHB # 4 for interior portion
13. CHB mortal shall 1:3 concrete mixtures.
14. Inside and outside concrete plaster finish shall be ½” thickness
15. Ceiling joist outside and inside shall be spaced @ 0.40m both ways/metal furring/channel.
16. Ceiling board : (acoustic board for inside ceiling, Ficem board for outside ceiling and hardiflexlite for dry wall partition)
17. Floor finished Installation of granites tiles .60m x .60m
18. Floor tiles for Toilet shall be .30m x .30m x ceramic tiles
19. Wall tiles shall be .30m x .30m ceramic tiles
20. Installation of water fixture Bowl and Lavatory sink including plumbing
21. Excavation CHB layer of 4.20m x 2.20m of septic tank and flooring with slab cover (please see detailed plan)
22. Installation and wiring installation of convenience outlet and Lighting fixtures.(please see plan for circuit diagram)
23. Use 10 branches circuit breaker entrance.(pls see elec. plan)
24. Installation of Doors and Windows
25. Use standard sizes of electrical wiring materials THHN phelpdodge.(please see load diagram)
26. ACU installation and testing
27. Installation of Cladding (pls see detailed plan)
28. Installation of granulated membrane for water proofing and concrete topping.(please attached scope procedure for water proofing installation.)
29. Installation of stainless railing of both stairway railing and PWD railing
30. Installation of Lavatory sink and Washing sink
31. Plumbing and sewerage including water Fixtures installation.
32. Painting inside and outside the building including roof deck slab with elastomeric paint
33. Installation of PAGASA Signage

32. Clearing the site

A. FOR PERIMETER FENCE

1. Cleaning the area
2. Mobilization/Demobilization of Materials.
3. Demolition of Existing Fence
4. Excavation
5. Construction of footing foundation
6. Construction of concrete column
7. Construction of tie beam/wall footing
8. Setting of chb 6”
9. Fabrication/Installation of Fence cyclone wire (pls. see sketch plan)
10. Fabrication/Installation of column using 6” B.I. pipe trusses using tubular (pls. see sketch plan)
11. Installation of Electrical Wirings and Lightings
12. Plastering works
13. Painting Works
14. Cleaning

B. FOR ACCESS ROAD CONCRETING

1. Site Clearing stake out work
2. Scripping and Back Filling of (1.30% compaction)
3. Tampering using roller compactor
4. Gravel bedding
5. Installation of formwork)
6. Installation of Steel Bars
7. Concrete Pouring
8. Cleaning.