CONSTRUCTIONS SPECIFICATION AND SCOPE OF WORKS

Project Title: **PROPOSED CONSTRUCTION OF APAYAO SYNOPTIC AND FLOOD FORECASTING WARNING CENTER**

Project Location: **Apayao Ecotourism Sports Complex, San Gregorio, Luna, Province of Apayao**

1. Clearing and scrapping of site and Staking.
2. Excavation works.
3. Steel work fabrication for Footings, Columns ,beams, lentel and tie beams
4. Concreting works Beams (2F-RF), Footing ,Column, Tie, Grid beams, canopy and concrete gutter (pls. see plan.)
5. Footing foundation size 2.0m x 2.0m x 0.30m class "A" mixtures footing detail see attached plan .
6. Steel work fabrication for outside steel stairway and outside railings (tubular at 31L.M.)
7. Installation of Doors and Windows
8. Wall foundation shall be 0.30m width of concrete mixtures class "A"
9. Concrete flooring 0.50m above natural ground level, concrete thickness 0.10m with 10mm dia. Deformed steel bars @ 0.40m o.c. both ways.
10. Concrete column size 0.30m x 0.30m and .20m x .20m concrete mixture class "A"(please see schedule at design details drawing)
11. Beam and Lintel beams sizes concrete mixtures class "A"(please see Schedule at design details drawing)
12. Form and steel preparation / concrete pouring of concrete gutters works
13. CHB # 6 layer for wall foundation and CHB # 4 for interior portion
14. CHB mortal shall 1:3 concrete mixtures.
15. Inside and outside concrete plaster finish shall be ½" thickness
16. Ceiling joist outside and inside shall be spaced @ 0.40m both ways/metal furring/channel.
17. Ceiling board : (acoustic board for inside ceiling, Ficem board for outside ceiling }
18. Floor tiles of the building .60m x .60m glaze
19. Floor tiles for Toilet shall be .30m x .30m x ceramic tiles non skid
20. Wall tiles shall be .30m x .30m ceramic tiles for comport room
21. Installation of water fixture Bowl and Lavatory sink including plumbing
22. Excavation CHB layer of 4.20m x 2.20m of septic tank and flooring with slab cover (please see detailed plan)
23. Installation and wiring installation of convenience outlet and Lighting fixtures.(please see plan for circuit diagram)
24. Use 10 branches circuit breaker entrance.(pls see elec. plan)
25. Installation of Doors and Windows

26. Use standard sizes of electrical wiring materials THHN pheldodge.(please see load diagram)
27. Application of water proofing and concrete topping.(please attached scope procedure for water proofing installation.)
28. Installation of stainless railing of both inside stairway railing and PWD railing
29. Installation of Lavatory sink and Washing sink
30. Plumbing and sewerage including water Fixtures installation.
31. Concreting works of 1 meter pathwalk around the building in both synoptic and personnel and concrete ditchs.(please see plan)
32. Painting inside and outside the building including roof deck slab with elastomeric paint.
33. Installation of PAGASA Signage.
32. Clearing the site

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