SCOPE OF WORKS

Project Title: **Construction of Cotabato Synoptic and River Basin Flood Forecasting Warning Center**

Project Location: **Cotabato**

A. FFWC Building

1. Mobilization
2. Clearing and Cleaning the site
3. Layout and Staking
4. Excavation works
5. Fabrication and Installation of steel reinforcement for Footing, Wall Footing, Column, Beams, Tie Beams, Lintel beams and Slab (see attached plan)
6. Fabrication, Installation of formworks for Column, Beams, Tie Beams, Lintel beams and Slab (see attached plan)
7. Concreting pouring for Footing, Wall Footing, Column, Beams, Tie Beams, Lintel beams and Slab and concrete gutter, Class "A" Mixture. (see attached plan)
8. Concrete works on slab on-fill should be 0.50m above natural ground level, concrete thickness 0.10m with 10mm dia. Deformed steel bars @ 0.60m o.c. both ways
9. Wall footing shall be 0.30m width of concrete mixtures Class "A" Mixture
10. CHB # 6 layer for exterior walls and CHB # 4 for interior walls. Concrete mortar should be 1:3 concrete mixtures
11. Plastering of exterior and interior walls, ½" thick
12. Installation of 1st floor and 2nd floor Fiber Cement ceiling on metal furring frame (see attached reflected ceiling plan)
13. Installation of 1ST and 2nd Floor tiles
14. Installation of 1st and 2nd Floor and wall tiles for Comfort Room
15. Installation of 1st floor and 2nd floor Plumbing fixtures, devices, appurtenances, water supply and sewage pipelines
16. Construction of Catch Basin (see plan details)
17. Construction of Septic Tank (4.20m x 2.20m) (see septic tank plan details)
18. Construction of flagpole (see plan details)
19. Construction of Electrical Service Entrance Post
20. Installation of electrical system 1st floor and 2nd floor (see electrical plan)
21. Use 10 branches circuit breaker entrance. (see electrical plan)
22. Installation of 1st floor and 2nd floor Doors, Windows, and window grill
23. Use standard sizes of electrical wiring materials THHN Phelps dodge
24. Supply, Installation and Testing of Air-conditioning Unit

WATERPROOFING WORKS USING TORCH APPLIED MEMBRANE

1. All surfaces must be from any dirt, oil, dust or any laitance; it must be sound, smooth and totally dry. Repair cracks using structural epoxy.
2. Apply One coat of Bituminous primer to be applied by brush, roller, squeegee or spray equipment and left 3-4 hours to become tack-free.
3. Installation of steel matting gauge 10 standard.
4. Concrete topping @ 2" thick
5. Final coating using elastomeric waterproofing

25. Installation of PWD stainless railing
26. Painting of interior and exterior of the building using elastomeric paint including PAGASA station signage
27. Demobilize and Cleaning